Full&Default Power Mode for Main PA

GSM850 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.86	32.89	32.91	34.00	23.86	23.89	23.91	25.00
GPRS 1 Tx slot	32.85	32.88	32.89	34.00	23.85	23.88	23.89	25.00
GPRS 2 Tx slots	29.95	30.02	30.01	31.00	23.95	24.02	24.01	25.00
GPRS 3 Tx slots	28.15	28.27	28.25	29.20	23.89	24.01	23.99	24.94
GPRS 4 Tx slots	26.63	26.84	26.83	28.00	23.63	23.84	23.83	25.00
EDGE 1 Tx slot	26.66	26.72	26.61	28.00	17.66	17.72	17.61	19.00
EDGE 2 Tx slots	23.67	23.78	23.71	25.00	17.67	17.78	17.71	19.00
EDGE 3 Tx slots	21.28	21.56	21.26	23.20	17.02	17.30	17.00	18.94
EDGE 4 Tx slots	20.35	20.55	20.27	22.00	17.35	17.55	17.27	19.00

WCDMA V Default

Band									WCDMA V			Tune-up Limit (dBm)
TX Channel									4132	4182	4233	
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.06	24.15	24.15	25.00
3GPP Rel 99	RMC 12.2Kbps								24.12	24.26	24.12	25.00
3GPP Rel 6	HSDPA Subtest-1								23.15	23.27	23.27	24.00
3GPP Rel 6	HSDPA Subtest-2								23.18	23.15	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3								22.65	22.70	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4								22.64	22.70	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-1								23.12	23.22	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2								23.09	23.10	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3								22.50	22.77	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4								22.46	22.63	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1								23.00	23.08	23.14	24.00
3GPP Rel 6	HSUPA Subtest-2								21.19	21.17	21.18	22.00
3GPP Rel 6	HSUPA Subtest-3								22.27	22.35	22.26	23.00
3GPP Rel 6	HSUPA Subtest-4								21.10	21.16	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5								23.00	23.22	23.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.68	20.82	20.74	21.50

Band 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.04	25.10	24.88		
10	QPSK	1	25	24.91	24.96	24.92	25.7	0
10	QPSK	1	49	24.89	24.89	24.90		
10	QPSK	25	0	24.18	24.24	24.19		
10	QPSK	25	12	23.99	24.16	24.03	24.7	1
10	QPSK	25	25	24.05	24.12	24.08		
10	QPSK	50	0	23.91	23.94	23.90		
10	16QAM	1	0	23.87	23.87	23.85		
10	16QAM	1	25	23.69	23.64	23.74	24.7	1
10	16QAM	1	49	23.75	23.92	23.73		
10	16QAM	25	0	22.86	22.89	22.84		
10	16QAM	25	12	22.82	22.81	22.90	23.7	2
10	16QAM	25	25	22.87	22.92	22.91		
10	16QAM	50	0	22.95	23.26	23.09		
10	64QAM	1	0	22.82	22.96	22.82		
10	64QAM	1	25	22.76	22.86	22.75	23.7	2
10	64QAM	1	49	22.67	22.99	22.68		
10	64QAM	25	0	21.82	22.12	22.05		
10	64QAM	25	12	21.83	22.04	21.89	22.7	3
10	64QAM	25	25	21.83	21.93	21.85		
10	64QAM	50	0	21.99	22.10	22.13		
10	256QAM	1	0	19.81	20.04	19.74		
10	256QAM	1	25	19.81	19.92	19.81	20.7	5
10	256QAM	1	49	19.79	19.74	19.71		
10	256QAM	25	0	20.02	19.92	19.93		
10	256QAM	25	12	19.93	19.99	19.81	20.7	5
10	256QAM	25	25	19.72	20.02	19.88		
10	256QAM	50	0	20.04	19.99	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.94	24.94	24.81		
5	QPSK	1	12	24.88	24.88	24.82	25.7	0
5	QPSK	1	24	24.78	24.85	24.77		
5	QPSK	12	0	24.01	24.17	24.05		
5	QPSK	12	7	23.89	24.05	23.90	24.7	1
5	QPSK	12	13	23.89	23.96	23.98		
5	QPSK	25	0	23.86	23.91	23.73		
5	16QAM	1	0	23.69	23.71	23.83		
5	16QAM	1	12	23.54	23.54	23.61	24.7	1
5	16QAM	1	24	23.68	23.81	23.57		
5	16QAM	12	0	22.82	22.79	22.86		
5	16QAM	12	7	22.67	22.75	22.79	23.7	2
5	16QAM	12	13	22.85	22.87	22.83		
5	16QAM	25	0	22.81	23.19	23.07		
5	64QAM	1	0	22.78	22.87	22.68		
5	64QAM	1	12	22.61	22.82	22.71	23.7	2
5	64QAM	1	24	22.64	22.95	22.60		
5	64QAM	12	0	21.76	22.00	21.93		
5	64QAM	12	7	21.76	21.93	21.79	22.7	3
5	64QAM	12	13	21.70	21.78	21.76		
5	64QAM	25	0	21.86	21.99	22.00		
5	256QAM	1	0	19.67	19.89	19.61		
5	256QAM	1	12	19.71	19.79	19.56	20.7	5
5	256QAM	1	24	19.62	19.58	19.69		
5	256QAM	12	0	19.93	19.88	19.83		
5	256QAM	12	7	19.90	19.90	19.70	20.7	5
5	256QAM	12	13	19.67	19.89	19.71		
5	256QAM	25	0	19.87	19.93	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.93	25.06	24.85		
3	QPSK	1	8	24.85	24.94	24.84	25.7	0
3	QPSK	1	14	24.73	24.73	24.81		
3	QPSK	8	0	24.07	24.07	24.09		
3	QPSK	8	4	23.92	23.98	23.94	24.7	1
3	QPSK	8	7	23.91	24.03	23.97		
3	QPSK	15	0	23.76	23.79	23.76		
3	16QAM	1	0	23.78	23.78	23.70		
3	16QAM	1	8	23.56	23.60	23.57	24.7	1
3	16QAM	1	14	23.66	23.76	23.62		
3	16QAM	8	0	22.80	22.73	22.91		
3	16QAM	8	4	22.64	22.71	22.84	23.7	2
3	16QAM	8	7	22.72	22.81	22.85		
3	16QAM	15	0	22.90	23.09	22.95		
3	64QAM	1	0	22.77	22.90	22.80		
3	64QAM	1	8	22.73	22.76	22.71	23.7	2
3	64QAM	1	14	22.63	22.86	22.54		
3	64QAM	8	0	21.75	22.03	22.02		
3	64QAM	8	4	21.76	21.87	21.82	22.7	3
3	64QAM	8	7	21.71	21.79	21.79		
3	64QAM	15	0	21.94	21.92	22.10		
3	256QAM	1	0	19.63	19.98	19.57		
3	256QAM	1	8	19.71	19.77	19.52	20.7	5
3	256QAM	1	14	19.64	19.66	19.66		
3	256QAM	8	0	19.98	19.87	19.88		
3	256QAM	8	4	19.88	19.89	19.71	20.7	5
3	256QAM	8	7	19.55	19.93	19.79		
3	256QAM	15	0	20.00	19.96	19.78		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.89	25.00	24.82		
1.4	QPSK	1	3	24.75	24.78	24.81		
1.4	QPSK	1	5	24.84	24.83	24.78	25.7	0
1.4	QPSK	3	0	24.98	24.98	24.75		
1.4	QPSK	3	1	24.88	24.78	24.78		
1.4	QPSK	3	3	24.76	24.85	24.79		
1.4	QPSK	6	0	24.15	24.19	24.05	24.7	1
1.4	16QAM	1	0	23.91	24.09	23.92		
1.4	16QAM	1	3	23.96	24.00	23.97		
1.4	16QAM	1	5	23.81	23.90	23.77	24.7	1
1.4	16QAM	3	0	23.73	23.80	23.74		
1.4	16QAM	3	1	23.54	23.46	23.58		
1.4	16QAM	3	3	23.62	23.76	23.60		
1.4	16QAM	6	0	22.75	22.77	22.84	23.7	2
1.4	64QAM	1	0	22.68	22.73	22.80		
1.4	64QAM	1	3	22.80	22.88	22.87		
1.4	64QAM	1	5	22.77	23.10	22.93	23.7	2
1.4	64QAM	3	0	22.74	22.92	22.70		
1.4	64QAM	3	1	22.65	22.79	22.70		
1.4	64QAM	3	3	22.58	22.86	22.59		
1.4	64QAM	6	0	21.76	22.03	21.88	22.7	3
1.4	256QAM	1	0	19.73	19.92	19.61		
1.4	256QAM	1	3	19.66	19.86	19.46		
1.4	256QAM	1	5	19.64	19.69	19.58	20.7	5
1.4	256QAM	3	0	19.86	19.90	19.82		
1.4	256QAM	3	1	19.80	19.96	19.68		
1.4	256QAM	3	3	19.57	19.86	19.84		
1.4	256QAM	6	0	19.95	19.82	19.90	20.7	5

Band 12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.58	24.61	24.46		
10	QPSK	1	25	24.54	24.55	24.56	25.5	0
10	QPSK	1	49	24.52	24.49	24.45		
10	QPSK	25	0	23.66	23.86	23.67		
10	QPSK	25	12	23.57	23.62	23.64	24.5	1
10	QPSK	25	25	23.62	23.66	23.59		
10	QPSK	50	0	23.44	23.45	23.39		
10	16QAM	1	0	23.34	23.45	23.31		
10	16QAM	1	25	23.23	23.20	23.30	24.5	1
10	16QAM	1	49	23.25	23.37	23.28		
10	16QAM	25	0	22.44	22.40	22.44		
10	16QAM	25	12	22.35	22.40	22.41	23.5	2
10	16QAM	25	25	22.35	22.54	22.45		
10	16QAM	50	0	22.56	22.77	22.69		
10	64QAM	1	0	22.29	22.50	22.33		
10	64QAM	1	25	22.32	22.50	22.37	23.5	2
10	64QAM	1	49	22.17	22.60	22.24		
10	64QAM	25	0	21.41	21.62	21.68		
10	64QAM	25	12	21.40	21.53	21.48	22.5	3
10	64QAM	25	25	21.47	21.56	21.49		
10	64QAM	50	0	21.47	21.68	21.57		
10	256QAM	1	0	19.47	19.53	19.33		
10	256QAM	1	25	19.40	19.48	19.13	20.5	5
10	256QAM	1	49	19.33	19.39	19.29		
10	256QAM	25	0	19.48	19.48	19.50		
10	256QAM	25	12	19.52	19.51	19.40	20.5	5
10	256QAM	25	25	19.22	19.57	19.32		
10	256QAM	50	0	19.50	19.63	19.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.59	24.35		
5	QPSK	1	12	24.51	24.53	24.48	25.5	0
5	QPSK	1	24	24.45	24.31	24.37		
5	QPSK	12	0	23.63	23.79	23.62		
5	QPSK	12	7	23.46	23.60	23.52	24.5	1
5	QPSK	12	13	23.49	23.62	23.41		
5	QPSK	25	0	23.39	23.35	23.23		
5	16QAM	1	0	23.27	23.42	23.22		
5	16QAM	1	12	23.13	23.05	23.18	24.5	1
5	16QAM	1	24	23.16	23.21	23.23		
5	16QAM	12	0	22.33	22.34	22.35		
5	16QAM	12	7	22.32	22.22	22.26	23.5	2
5	16QAM	12	13	22.19	22.38	22.31		
5	16QAM	25	0	22.42	22.71	22.62		
5	64QAM	1	0	22.12	22.41	22.30		
5	64QAM	1	12	22.25	22.44	22.33	23.5	2
5	64QAM	1	24	22.07	22.44	22.11		
5	64QAM	12	0	21.37	21.58	21.57		
5	64QAM	12	7	21.29	21.48	21.38	22.5	3
5	64QAM	12	13	21.43	21.50	21.45		
5	64QAM	25	0	21.44	21.65	21.46		
5	256QAM	1	0	19.40	19.37	19.24		
5	256QAM	1	12	19.24	19.44	19.01	20.5	5
5	256QAM	1	24	19.24	19.30	19.12		
5	256QAM	12	0	19.36	19.34	19.47		
5	256QAM	12	7	19.47	19.44	19.34	20.5	5
5	256QAM	12	13	19.18	19.41	19.16		
5	256QAM	25	0	19.36	19.55	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.50	24.36		
3	QPSK	1	8	24.49	24.48	24.44	25.5	0
3	QPSK	1	14	24.49	24.31	24.41		
3	QPSK	8	0	23.48	23.71	23.51		
3	QPSK	8	4	23.42	23.48	23.54	24.5	1
3	QPSK	8	7	23.55	23.62	23.52		
3	QPSK	15	0	23.31	23.37	23.30		
3	16QAM	1	0	23.29	23.38	23.16		
3	16QAM	1	8	23.14	23.13	23.13	24.5	1
3	16QAM	1	14	23.23	23.24	23.22		
3	16QAM	8	0	22.39	22.36	22.34		
3	16QAM	8	4	22.31	22.36	22.27	23.5	2
3	16QAM	8	7	22.22	22.42	22.38		
3	16QAM	15	0	22.43	22.63	22.66		
3	64QAM	1	0	22.23	22.40	22.19		
3	64QAM	1	8	22.20	22.40	22.25	23.5	2
3	64QAM	1	14	22.14	22.50	22.19		
3	64QAM	8	0	21.31	21.53	21.61		
3	64QAM	8	4	21.25	21.47	21.32	22.5	3
3	64QAM	8	7	21.32	21.42	21.44		
3	64QAM	15	0	21.40	21.61	21.50		
3	256QAM	1	0	19.41	19.38	19.22		
3	256QAM	1	8	19.36	19.42	19.10	20.5	5
3	256QAM	1	14	19.26	19.21	19.25		
3	256QAM	8	0	19.32	19.34	19.44		
3	256QAM	8	4	19.49	19.37	19.30	20.5	5
3	256QAM	8	7	19.09	19.50	19.26		
3	256QAM	15	0	19.45	19.59	19.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.51	24.46	24.30		
1.4	QPSK	1	3	24.51	24.52	24.40		
1.4	QPSK	1	5	24.43	24.36	24.32	25.5	0
1.4	QPSK	3	0	24.55	24.51	24.33		
1.4	QPSK	3	1	24.44	24.47	24.49		
1.4	QPSK	3	3	24.35	24.34	24.28		
1.4	QPSK	6	0	23.58	23.82	23.53	24.5	1
1.4	16QAM	1	0	23.50	23.55	23.50		
1.4	16QAM	1	3	23.57	23.56	23.53		
1.4	16QAM	1	5	23.34	23.33	23.31	24.5	1
1.4	16QAM	3	0	23.20	23.37	23.15		
1.4	16QAM	3	1	23.12	23.02	23.16		
1.4	16QAM	3	3	23.22	23.20	23.24		
1.4	16QAM	6	0	22.32	22.38	22.31	23.5	2
1.4	64QAM	1	0	22.26	22.24	22.24		
1.4	64QAM	1	3	22.30	22.40	22.39		
1.4	64QAM	1	5	22.41	22.70	22.61	23.5	2
1.4	64QAM	3	0	22.26	22.40	22.25		
1.4	64QAM	3	1	22.22	22.36	22.21		
1.4	64QAM	3	3	22.02	22.52	22.08		
1.4	64QAM	6	0	21.28	21.48	21.65	22.5	3
1.4	256QAM	1	0	19.38	19.49	19.20		
1.4	256QAM	1	3	19.30	19.32	19.07		
1.4	256QAM	1	5	19.22	19.37	19.17	20.5	5
1.4	256QAM	3	0	19.34	19.35	19.34		
1.4	256QAM	3	1	19.50	19.48	19.31		
1.4	256QAM	3	3	19.04	19.51	19.14		
1.4	256QAM	6	0	19.43	19.55	19.42	20.5	5

Band 13 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.72			
10	QPSK	1	25		24.62		25.5	0
10	QPSK	1	49		24.43			
10	QPSK	25	0		23.81			
10	QPSK	25	12		23.68		24.5	1
10	QPSK	25	25		23.75			
10	QPSK	50	0		23.51			
10	16QAM	1	0		23.42			
10	16QAM	1	25		23.25		24.5	1
10	16QAM	1	49		23.43			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.42		23.5	2
10	16QAM	25	25		22.55			
10	16QAM	50	0		22.82			
10	64QAM	1	0		22.45			
10	64QAM	1	25		22.54		23.5	2
10	64QAM	1	49		22.59			
10	64QAM	25	0		21.65			
10	64QAM	25	12		21.60		22.5	3
10	64QAM	25	25		21.57			
10	64QAM	50	0		21.70			
10	256QAM	1	0		19.55			
10	256QAM	1	25		19.43		20.5	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.53		20.5	5
10	256QAM	25	25		19.60			
10	256QAM	50	0		19.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.57	24.64	24.56		
5	QPSK	1	12	24.46	24.54	24.45	25.5	0
5	QPSK	1	24	24.39	24.34	24.27		
5	QPSK	12	0	23.75	23.65	23.67		
5	QPSK	12	7	23.64	23.56	23.62	24.5	1
5	QPSK	12	13	23.60	23.64	23.73		
5	QPSK	25	0	23.43	23.40	23.40		
5	16QAM	1	0	23.33	23.36	23.32		
5	16QAM	1	12	23.08	23.09	23.20	24.5	1
5	16QAM	1	24	23.30	23.27	23.37		
5	16QAM	12	0	22.31	22.39	22.40		
5	16QAM	12	7	22.27	22.38	22.36	23.5	2
5	16QAM	12	13	22.52	22.49	22.51		
5	16QAM	25	0	22.71	22.65	22.67		
5	64QAM	1	0	22.43	22.28	22.37		
5	64QAM	1	12	22.49	22.45	22.38	23.5	2
5	64QAM	1	24	22.49	22.49	22.44		
5	64QAM	12	0	21.48	21.57	21.56		
5	64QAM	12	7	21.49	21.57	21.53	22.5	3
5	64QAM	12	13	21.42	21.43	21.54		
5	64QAM	25	0	21.62	21.60	21.53		
5	256QAM	1	0	19.48	19.38	19.40		
5	256QAM	1	12	19.32	19.36	19.38	20.5	5
5	256QAM	1	24	19.30	19.22	19.30		
5	256QAM	12	0	19.40	19.40	19.38		
5	256QAM	12	7	19.37	19.47	19.41	20.5	5
5	256QAM	12	13	19.46	19.49	19.45		
5	256QAM	25	0	19.59	19.59	19.51		

Band 17 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.51	24.61	24.40		
10	QPSK	1	25	24.46	24.53	24.44	25.5	0
10	QPSK	1	49	24.41	24.47	24.48		
10	QPSK	25	0	23.61	23.75	23.61		
10	QPSK	25	12	23.56	23.68	23.52	24.5	1
10	QPSK	25	25	23.51	23.69	23.59		
10	QPSK	50	0	23.33	23.45	23.26		
10	16QAM	1	0	23.35	23.41	23.27		
10	16QAM	1	25	23.28	23.24	23.21	24.5	1
10	16QAM	1	49	23.23	23.37	23.34		
10	16QAM	25	0	22.40	22.42	22.43		
10	16QAM	25	12	22.27	22.39	22.36	23.5	2
10	16QAM	25	25	22.34	22.43	22.41		
10	16QAM	50	0	22.56	22.77	22.66		
10	64QAM	1	0	22.32	22.44	22.30		
10	64QAM	1	25	22.28	22.48	22.26	23.5	2
10	64QAM	1	49	22.19	22.50	22.10		
10	64QAM	25	0	21.29	21.58	21.53		
10	64QAM	25	12	21.33	21.45	21.35	22.5	3
10	64QAM	25	25	21.35	21.40	21.44		
10	64QAM	50	0	21.42	21.68	21.53		
10	256QAM	1	0	19.39	19.57	19.28		
10	256QAM	1	25	19.31	19.40	19.12	20.5	5
10	256QAM	1	49	19.23	19.35	19.29		
10	256QAM	25	0	19.41	19.51	19.41		
10	256QAM	25	12	19.49	19.47	19.32	20.5	5
10	256QAM	25	25	19.24	19.59	19.38		
10	256QAM	50	0	19.55	19.53	19.48		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.43	24.56	24.36		
5	QPSK	1	12	24.29	24.40	24.29	25.5	0
5	QPSK	1	24	24.32	24.32	24.33		
5	QPSK	12	0	23.48	23.57	23.59		
5	QPSK	12	7	23.54	23.62	23.39	24.5	1
5	QPSK	12	13	23.37	23.58	23.57		
5	QPSK	25	0	23.21	23.36	23.16		
5	16QAM	1	0	23.27	23.39	23.15		
5	16QAM	1	12	23.18	23.19	23.04	24.5	1
5	16QAM	1	24	23.13	23.25	23.27		
5	16QAM	12	0	22.26	22.34	22.37		
5	16QAM	12	7	22.22	22.28	22.28	23.5	2
5	16QAM	12	13	22.30	22.34	22.32		
5	16QAM	25	0	22.53	22.60	22.60		
5	64QAM	1	0	22.27	22.37	22.20		
5	64QAM	1	12	22.10	22.40	22.23	23.5	2
5	64QAM	1	24	22.11	22.38	22.03		
5	64QAM	12	0	21.24	21.54	21.50		
5	64QAM	12	7	21.23	21.35	21.21	22.5	3
5	64QAM	12	13	21.20	21.27	21.40		
5	64QAM	25	0	21.32	21.64	21.40		
5	256QAM	1	0	19.26	19.41	19.21		
5	256QAM	1	12	19.14	19.24	19.08	20.5	5
5	256QAM	1	24	19.20	19.22	19.25		
5	256QAM	12	0	19.29	19.40	19.31		
5	256QAM	12	7	19.34	19.39	19.20	20.5	5
5	256QAM	12	13	19.11	19.55	19.34		
5	256QAM	25	0	19.46	19.44	19.45		

Band 26 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.99	25.17	24.87		
15	QPSK	1	37	24.94	25.05	24.94	25.7	0
15	QPSK	1	74	24.94	24.94	24.82		
15	QPSK	36	0	24.06	24.38	24.16		
15	QPSK	36	20	24.00	24.13	24.02	24.7	1
15	QPSK	36	39	23.98	24.19	24.01		
15	QPSK	75	0	23.78	24.01	23.70		
15	16QAM	1	0	23.74	23.94	23.70		
15	16QAM	1	37	23.64	23.73	23.69	24.7	1
15	16QAM	1	74	23.69	23.89	23.77		
15	16QAM	36	0	22.89	22.92	22.90		
15	16QAM	36	20	22.70	22.93	22.87	23.7	2
15	16QAM	36	39	22.81	22.99	22.89		
15	16QAM	75	0	22.99	23.25	23.07		
15	64QAM	1	0	22.70	22.94	22.83		
15	64QAM	1	37	22.64	23.00	22.73	23.7	2
15	64QAM	1	74	22.61	23.10	22.56		
15	64QAM	36	0	21.82	22.17	21.97		
15	64QAM	36	20	21.73	22.01	21.86	22.7	3
15	64QAM	36	39	21.84	22.01	21.83		
15	64QAM	75	0	21.94	22.20	22.01		
15	256QAM	1	0	19.82	20.08	19.68		
15	256QAM	1	37	19.69	19.91	19.59	20.7	5
15	256QAM	1	74	19.70	19.85	19.71		
15	256QAM	36	0	19.91	19.96	19.94		
15	256QAM	36	20	19.88	20.01	19.78	20.7	5
15	256QAM	36	39	19.63	20.03	19.80		
15	256QAM	75	0	19.90	20.07	19.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.85	24.96	24.80		
10	QPSK	1	25	24.67	24.76	24.84	25.7	0
10	QPSK	1	49	24.81	24.67	24.66		
10	QPSK	25	0	23.97	24.23	24.01		
10	QPSK	25	12	23.98	23.91	23.99	24.7	1
10	QPSK	25	25	23.88	23.98	23.92		
10	QPSK	50	0	23.70	23.88	23.65		
10	16QAM	1	0	23.59	23.68	23.64		
10	16QAM	1	25	23.52	23.61	23.61	24.7	1
10	16QAM	1	49	23.60	23.71	23.67		
10	16QAM	25	0	22.80	22.79	22.85		
10	16QAM	25	12	22.56	22.74	22.83	23.7	2
10	16QAM	25	25	22.67	22.83	22.83		
10	16QAM	50	0	22.92	23.12	23.02		
10	64QAM	1	0	22.64	22.75	22.67		
10	64QAM	1	25	22.60	22.82	22.59	23.7	2
10	64QAM	1	49	22.57	22.84	22.38		
10	64QAM	25	0	21.71	22.04	21.89		
10	64QAM	25	12	21.70	21.81	21.70	22.7	3
10	64QAM	25	25	21.69	21.76	21.70		
10	64QAM	50	0	21.81	22.07	21.84		
10	256QAM	1	0	19.78	19.83	19.54		
10	256QAM	1	25	19.66	19.71	19.42	20.7	5
10	256QAM	1	49	19.67	19.69	19.67		
10	256QAM	25	0	19.85	19.69	19.87		
10	256QAM	25	12	19.74	19.88	19.65	20.7	5
10	256QAM	25	25	19.59	19.77	19.69		
10	256QAM	50	0	19.87	19.84	19.80		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	24.93	24.78		
5	QPSK	1	12	24.76	24.86	24.82	25.7	0
5	QPSK	1	24	24.76	24.80	24.77		
5	QPSK	12	0	23.89	24.15	24.04		
5	QPSK	12	7	23.88	23.85	23.99	24.7	1
5	QPSK	12	13	23.83	24.00	23.85		
5	QPSK	25	0	23.75	23.81	23.64		
5	16QAM	1	0	23.57	23.81	23.66		
5	16QAM	1	12	23.53	23.49	23.65	24.7	1
5	16QAM	1	24	23.66	23.67	23.72		
5	16QAM	12	0	22.73	22.75	22.77		
5	16QAM	12	7	22.55	22.66	22.80	23.7	2
5	16QAM	12	13	22.66	22.73	22.86		
5	16QAM	25	0	22.92	23.12	23.03		
5	64QAM	1	0	22.67	22.80	22.80		
5	64QAM	1	12	22.64	22.82	22.68	23.7	2
5	64QAM	1	24	22.79	22.92	22.73		
5	64QAM	12	0	21.75	21.98	21.93		
5	64QAM	12	7	21.58	21.79	21.68	22.7	3
5	64QAM	12	13	21.76	21.80	21.73		
5	64QAM	25	0	21.88	21.98	21.94		
5	256QAM	1	0	19.71	19.80	19.55		
5	256QAM	1	12	19.65	19.66	19.53	20.7	5
5	256QAM	1	24	19.56	19.70	19.59		
5	256QAM	12	0	19.81	19.79	19.78		
5	256QAM	12	7	19.85	19.75	19.72	20.7	5
5	256QAM	12	13	19.53	19.81	19.66		
5	256QAM	25	0	19.87	19.87	19.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.91	24.87	24.80		
3	QPSK	1	8	24.76	24.82	24.82	25.7	0
3	QPSK	1	14	24.83	24.65	24.62		
3	QPSK	8	0	23.85	24.14	23.99		
3	QPSK	8	4	23.82	23.89	23.95	24.7	1
3	QPSK	8	7	23.83	23.97	23.87		
3	QPSK	15	0	23.64	23.83	23.64		
3	16QAM	1	0	23.58	23.76	23.55		
3	16QAM	1	8	23.51	23.51	23.57	24.7	1
3	16QAM	1	14	23.62	23.72	23.67		
3	16QAM	8	0	22.68	22.63	22.76		
3	16QAM	8	4	22.49	22.70	22.79	23.7	2
3	16QAM	8	7	22.61	22.72	22.71		
3	16QAM	15	0	22.79	23.01	22.87		
3	64QAM	1	0	22.63	22.69	22.63		
3	64QAM	1	8	22.43	22.73	22.67	23.7	2
3	64QAM	1	14	22.48	22.88	22.49		
3	64QAM	8	0	21.70	21.97	21.87		
3	64QAM	8	4	21.59	21.78	21.66	22.7	3
3	64QAM	8	7	21.77	21.81	21.66		
3	64QAM	15	0	21.87	21.91	21.87		
3	256QAM	1	0	19.75	19.80	19.60		
3	256QAM	1	8	19.52	19.71	19.44	20.7	5
3	256QAM	1	14	19.54	19.58	19.59		
3	256QAM	8	0	19.71	19.78	19.88		
3	256QAM	8	4	19.69	19.82	19.69	20.7	5
3	256QAM	8	7	19.44	19.75	19.61		
3	256QAM	15	0	19.82	19.91	19.77		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.93	24.86	24.72		
1.4	QPSK	1	3	24.76	24.79	24.84		
1.4	QPSK	1	5	24.86	24.76	24.76	25.7	0
1.4	QPSK	3	0	24.84	24.87	24.67		
1.4	QPSK	3	1	24.65	24.82	24.76		
1.4	QPSK	3	3	24.82	24.69	24.68		
1.4	QPSK	6	0	23.88	24.09	24.10	24.7	1
1.4	16QAM	1	0	23.85	23.98	23.92		
1.4	16QAM	1	3	23.91	23.89	23.95		
1.4	16QAM	1	5	23.59	23.81	23.64	24.7	1
1.4	16QAM	3	0	23.55	23.77	23.57		
1.4	16QAM	3	1	23.48	23.48	23.52		
1.4	16QAM	3	3	23.54	23.66	23.70		
1.4	16QAM	6	0	22.74	22.68	22.71	23.7	2
1.4	64QAM	1	0	22.61	22.68	22.70		
1.4	64QAM	1	3	22.62	22.79	22.78		
1.4	64QAM	1	5	22.83	23.09	23.00	23.7	2
1.4	64QAM	3	0	22.58	22.66	22.71		
1.4	64QAM	3	1	22.53	22.76	22.62		
1.4	64QAM	3	3	22.51	22.87	22.39		
1.4	64QAM	6	0	21.61	21.89	21.83	22.7	3
1.4	256QAM	1	0	19.76	19.88	19.60		
1.4	256QAM	1	3	19.54	19.64	19.50		
1.4	256QAM	1	5	19.60	19.65	19.66	20.7	5
1.4	256QAM	3	0	19.73	19.69	19.84		
1.4	256QAM	3	1	19.74	19.72	19.60		
1.4	256QAM	3	3	19.49	19.81	19.68		
1.4	256QAM	6	0	19.84	19.86	19.67	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.17	24.27	24.01		
20	QPSK	1	49	24.11	24.16	24.13	25	0
20	QPSK	1	99	24.04	24.13	24.14		
20	QPSK	50	0	23.33	23.47	23.29		
20	QPSK	50	24	23.16	23.24	23.17	24	1
20	QPSK	50	50	23.13	23.38	23.21		
20	QPSK	100	0	22.99	23.10	22.99		
20	16QAM	1	0	22.90	23.04	22.95		
20	16QAM	1	49	22.87	22.85	22.91	24	1
20	16QAM	1	99	22.90	23.00	22.89		
20	16QAM	50	0	22.04	22.08	22.06		
20	16QAM	50	24	21.90	22.00	22.11	23	2
20	16QAM	50	50	21.99	22.14	22.06		
20	16QAM	100	0	22.13	22.35	22.26		
20	64QAM	1	0	21.98	22.08	21.97		
20	64QAM	1	49	21.87	22.13	21.91	23	2
20	64QAM	1	99	21.85	22.19	21.85		
20	64QAM	50	0	20.97	21.18	21.28		
20	64QAM	50	24	21.00	21.10	21.01	22	3
20	64QAM	50	50	21.01	21.09	21.03		
20	64QAM	100	0	21.12	21.25	21.22		
20	256QAM	1	0	19.04	19.25	18.94		
20	256QAM	1	49	18.91	19.09	18.91	20	5
20	256QAM	1	99	18.93	18.90	18.86		
20	256QAM	50	0	19.12	19.16	19.09		
20	256QAM	50	24	19.09	19.13	19.03	20	5
20	256QAM	50	50	18.80	19.26	19.02		
20	256QAM	100	0	19.14	19.19	19.08		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.24	23.87		
15	QPSK	1	37	23.95	24.10	23.99	25	0
15	QPSK	1	74	24.01	24.05	24.02		
15	QPSK	36	0	23.19	23.31	23.27		
15	QPSK	36	20	23.07	23.10	23.08	24	1
15	QPSK	36	39	23.02	23.22	23.07		
15	QPSK	75	0	22.87	23.05	22.86		
15	16QAM	1	0	22.80	22.96	22.87		
15	16QAM	1	37	22.80	22.79	22.79	24	1
15	16QAM	1	74	22.87	22.89	22.72		
15	16QAM	36	0	21.93	22.05	22.00		
15	16QAM	36	20	21.75	21.92	22.01	23	2
15	16QAM	36	39	21.82	22.01	21.92		
15	16QAM	75	0	22.01	22.24	22.17		
15	64QAM	1	0	21.85	21.90	21.83		
15	64QAM	1	37	21.83	21.99	21.83	23	2
15	64QAM	1	74	21.73	22.16	21.69		
15	64QAM	36	0	20.80	21.06	21.23		
15	64QAM	36	20	20.90	20.95	20.86	22	3
15	64QAM	36	39	20.84	21.02	20.87		
15	64QAM	75	0	20.97	21.14	21.11		
15	256QAM	1	0	18.92	19.11	18.87		
15	256QAM	1	37	18.73	19.03	18.73	20	5
15	256QAM	1	74	18.89	18.82	18.73		
15	256QAM	36	0	19.10	19.05	19.06		
15	256QAM	36	20	19.05	19.05	18.93	20	5
15	256QAM	36	39	18.65	19.11	18.97		
15	256QAM	75	0	19.06	19.09	19.00		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.99	24.19	23.98		
10	QPSK	1	25	23.95	24.06	24.07	25	0
10	QPSK	1	49	23.89	24.09	23.98		
10	QPSK	25	0	23.19	23.43	23.14		
10	QPSK	25	12	23.10	23.18	23.04	24	1
10	QPSK	25	25	23.05	23.23	23.05		
10	QPSK	50	0	22.90	22.97	22.83		
10	16QAM	1	0	22.80	22.96	22.88		
10	16QAM	1	25	22.76	22.89	22.75	24	1
10	16QAM	1	49	22.77	22.92	22.75		
10	16QAM	25	0	21.88	21.98	21.90		
10	16QAM	25	12	21.81	21.97	22.02	23	2
10	16QAM	25	25	21.85	22.05	21.94		
10	16QAM	50	0	21.99	22.28	22.09		
10	64QAM	1	0	21.91	22.01	21.89		
10	64QAM	1	25	21.83	22.06	21.85	23	2
10	64QAM	1	49	21.80	22.11	21.71		
10	64QAM	25	0	20.90	21.15	21.21		
10	64QAM	25	12	20.93	20.96	20.94	22	3
10	64QAM	25	25	20.94	21.03	20.95		
10	64QAM	50	0	21.02	21.19	21.05		
10	256QAM	1	0	18.95	19.13	18.89		
10	256QAM	1	25	18.73	18.99	18.87	20	5
10	256QAM	1	49	18.76	18.87	18.71		
10	256QAM	25	0	18.96	19.06	18.96		
10	256QAM	25	12	18.95	18.97	18.88	20	5
10	256QAM	25	25	18.62	19.09	18.90		
10	256QAM	50	0	19.10	19.16	18.99		
Channel				133142	133242	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.11	24.09	23.96		
5	QPSK	1	12	24.04	24.03	24.07	25	0
5	QPSK	1	24	23.94	24.08	24.12		
5	QPSK	12	0	23.21	23.32	23.17		
5	QPSK	12	7	23.11	23.08	23.09	24	1
5	QPSK	12	13	22.97	23.24	23.12		
5	QPSK	25	0	22.88	22.95	22.86		
5	16QAM	1	0	22.76	22.98	22.91		
5	16QAM	1	12	22.83	22.70	22.85	24	1
5	16QAM	1	24	22.84	22.92	22.75		
5	16QAM	12	0	21.87	21.91	21.96		
5	16QAM	12	7	21.75	21.91	22.00	23	2
5	16QAM	12	13	21.95	22.00	22.02		
5	16QAM	25	0	21.95	22.28	22.15		
5	64QAM	1	0	21.84	22.06	21.88		
5	64QAM	1	12	21.79	22.00	21.80	23	2
5	64QAM	1	24	21.70	22.09	21.75		
5	64QAM	12	0	20.92	21.01	21.22		
5	64QAM	12	7	20.92	21.05	20.98	22	3
5	64QAM	12	13	20.91	20.91	20.96		
5	64QAM	25	0	20.99	21.11	21.17		
5	256QAM	1	0	18.91	19.13	18.89		
5	256QAM	1	12	18.88	18.93	18.86	20	5
5	256QAM	1	24	18.87	18.72	18.83		
5	256QAM	12	0	19.04	19.05	18.97		
5	256QAM	12	7	19.02	18.99	18.86	20	5
5	256QAM	12	13	18.70	19.19	18.98		
5	256QAM	25	0	19.05	19.07	18.96		

GSM850 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.86	32.97	32.91	34.50	23.86	23.97	23.91	25.50
GPRS 1 Tx slot	32.85	32.93	32.90	34.50	23.85	23.93	23.90	25.50
GPRS 2 Tx slots	29.95	30.06	30.04	31.50	23.95	24.06	24.04	25.50
GPRS 3 Tx slots	28.14	28.30	28.29	29.70	23.88	24.04	24.03	25.44
GPRS 4 Tx slots	26.63	26.86	26.87	28.50	23.63	23.88	23.87	25.50
EDGE 1 Tx slot	26.95	27.08	26.93	28.50	17.95	18.08	17.93	19.50
EDGE 2 Tx slots	23.95	23.93	23.88	25.50	17.95	17.93	17.88	19.50
EDGE 3 Tx slots	21.86	21.88	21.91	23.70	17.60	17.62	17.65	19.44
EDGE 4 Tx slots	20.54	20.62	20.58	22.50	17.54	17.62	17.58	19.50

WCDMA V Default

Band									WCDMA V			
TX Channel									4132	4182	4233	Tune-up Limit (dBm)
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.03	24.11	24.10	25.50
3GPP Rel 99	RMC 12.2Kbps								23.94	24.15	24.13	25.50
3GPP Rel 6	HSDPA Subtest-1								23.16	23.18	23.17	24.50
3GPP Rel 6	HSDPA Subtest-2								23.11	23.08	23.02	24.50
3GPP Rel 6	HSDPA Subtest-3								22.62	22.66	22.68	24.00
3GPP Rel 6	HSDPA Subtest-4								22.56	22.62	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-1								23.07	23.11	23.14	24.50
3GPP Rel 8	DC-HSDPA Subtest-2								22.99	23.08	23.04	24.50
3GPP Rel 8	DC-HSDPA Subtest-3								22.45	22.58	22.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-4								22.39	22.56	22.51	24.00
3GPP Rel 6	HSUPA Subtest-1								22.88	23.06	23.06	24.50
3GPP Rel 6	HSUPA Subtest-2								21.09	21.18	21.15	22.50
3GPP Rel 6	HSUPA Subtest-3								22.17	22.18	22.22	23.50
3GPP Rel 6	HSUPA Subtest-4								21.02	21.10	21.06	22.50
3GPP Rel 6	HSUPA Subtest-5								23.00	23.16	22.97	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.58	20.80	20.71	22.00

Band 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.17	25.24	25.12	25.7	0
10	QPSK	1	25	25.05	25.22	25.12		
10	QPSK	1	49	25.05	25.11	25.04		
10	QPSK	25	0	24.27	24.52	24.37	24.7	1
10	QPSK	25	12	24.23	24.32	24.28		
10	QPSK	25	25	24.15	24.33	24.25		
10	QPSK	50	0	24.07	24.12	24.03		
10	16QAM	1	0	23.97	24.09	23.94	24.7	1
10	16QAM	1	25	23.88	23.84	23.97		
10	16QAM	1	49	23.88	24.02	23.94		
10	16QAM	25	0	23.11	23.10	23.18	23.7	2
10	16QAM	25	12	22.97	23.04	23.09		
10	16QAM	25	25	23.00	23.10	23.05		
10	16QAM	50	0	23.19	23.44	23.23		
10	64QAM	1	0	22.98	23.16	23.03	23.7	2
10	64QAM	1	25	22.84	23.08	22.94		
10	64QAM	1	49	22.89	23.26	22.78		
10	64QAM	25	0	22.03	22.19	22.31	22.7	3
10	64QAM	25	12	21.99	22.19	22.09		
10	64QAM	25	25	22.05	22.12	22.05		
10	64QAM	50	0	22.20	22.35	22.22		
10	256QAM	1	0	20.02	20.18	19.90	20.7	5
10	256QAM	1	25	19.96	20.06	19.94		
10	256QAM	1	49	20.00	20.01	19.88		
10	256QAM	25	0	20.15	20.17	20.10	20.7	5
10	256QAM	25	12	20.15	20.08	19.99		
10	256QAM	25	25	20.11	20.16	20.06		
10	256QAM	50	0	20.16	20.28	20.06		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.12	25.15	25.08	25.7	0
5	QPSK	1	12	24.97	25.15	24.98		
5	QPSK	1	24	25.01	24.94	24.87		
5	QPSK	12	0	24.12	24.48	24.33	24.7	1
5	QPSK	12	7	24.14	24.21	24.20		
5	QPSK	12	13	24.10	24.19	24.20		
5	QPSK	25	0	23.99	24.01	23.86		
5	16QAM	1	0	23.80	24.06	23.77	24.7	1
5	16QAM	1	12	23.81	23.82	23.79		
5	16QAM	1	24	23.74	23.97	23.91		
5	16QAM	12	0	23.00	23.04	23.14	23.7	2
5	16QAM	12	7	22.82	22.92	22.95		
5	16QAM	12	13	22.92	23.04	22.95		
5	16QAM	25	0	23.07	23.33	23.18		
5	64QAM	1	0	22.87	23.05	22.92	23.7	2
5	64QAM	1	12	22.67	22.91	22.79		
5	64QAM	1	24	22.78	23.11	22.66		
5	64QAM	12	0	21.95	22.12	22.24	22.7	3
5	64QAM	12	7	21.83	22.07	22.05		
5	64QAM	12	13	21.92	22.07	21.94		
5	64QAM	25	0	22.16	22.28	22.18		
5	256QAM	1	0	19.94	20.15	19.73	20.7	5
5	256QAM	1	12	19.86	20.01	19.86		
5	256QAM	1	24	19.96	19.93	19.81		
5	256QAM	12	0	20.00	20.11	20.06	20.7	5
5	256QAM	12	7	20.03	20.06	19.86		
5	256QAM	12	13	19.95	20.13	19.98		
5	256QAM	25	0	20.03	20.19	19.92		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.12	25.12	25.00	25.7	0
3	QPSK	1	8	24.89	25.08	25.06		
3	QPSK	1	14	24.95	24.95	25.02		
3	QPSK	8	0	24.11	24.43	24.29	24.7	1
3	QPSK	8	4	24.15	24.28	24.14		
3	QPSK	8	7	24.12	24.16	24.12		
3	QPSK	15	0	23.97	24.01	23.89		
3	16QAM	1	0	23.90	23.97	23.91	24.7	1
3	16QAM	1	8	23.75	23.69	23.79		
3	16QAM	1	14	23.82	23.87	23.78		
3	16QAM	8	0	22.99	23.01	23.16	23.7	2
3	16QAM	8	4	22.86	22.93	22.95		
3	16QAM	8	7	22.97	23.05	22.99		
3	16QAM	15	0	23.04	23.38	23.10		
3	64QAM	1	0	22.82	23.06	22.94	23.7	2
3	64QAM	1	8	22.89	22.93	22.83		
3	64QAM	1	14	22.89	23.18	22.78		
3	64QAM	8	0	21.98	22.06	22.13	22.7	3
3	64QAM	8	4	21.96	22.10	21.94		
3	64QAM	8	7	21.93	22.04	21.90		
3	64QAM	15	0	22.03	22.26	22.18		
3	256QAM	1	0	19.96	20.03	19.76	20.7	5
3	256QAM	1	8	19.79	19.97	19.81		
3	256QAM	1	14	19.83	19.90	19.85		
3	256QAM	8	0	20.08	20.12	20.01	20.7	5
3	256QAM	8	4	20.09	20.05	19.84		
3	256QAM	8	7	20.02	20.12	20.03		
3	256QAM	15	0	20.04	20.18	19.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.13	25.09	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.12	24.96		
1.4	QPSK	1	5	24.88	25.02	25.00		
1.4	QPSK	3	0	25.01	25.16	24.98		
1.4	QPSK	3	1	24.95	25.13	25.04		
1.4	QPSK	3	3	24.95	25.01	24.96		
1.4	QPSK	6	0	24.22	24.40	24.23	24.7	1
1.4	16QAM	1	0	24.17	24.26	24.12	24.7	1
1.4	16QAM	1	3	24.02	24.23	24.14		
1.4	16QAM	1	5	24.01	24.08	23.93		
1.4	16QAM	3	0	23.88	24.03	23.80		
1.4	16QAM	3	1	23.82	23.80	23.91		
1.4	16QAM	3	3	23.82	23.91	23.89		
1.4	16QAM	6	0	22.99	23.08	23.14	23.7	2
1.4	64QAM	1	0	22.87	22.96	23.01	23.7	2
1.4	64QAM	1	3	22.95	23.00	22.89		
1.4	64QAM	1	5	23.05	23.27	23.07		
1.4	64QAM	3	0	22.89	23.09	22.86		
1.4	64QAM	3	1	22.74	22.95	22.86		
1.4	64QAM	3	3	22.82	23.16	22.68		
1.4	64QAM	6	0	21.98	22.13	22.17	22.7	3
1.4	256QAM	1	0	19.99	20.16	19.86	20.7	5
1.4	256QAM	1	3	19.92	19.91	19.86		
1.4	256QAM	1	5	19.93	19.88	19.83		
1.4	256QAM	3	0	20.12	20.03	20.04		
1.4	256QAM	3	1	20.09	19.93	19.85		
1.4	256QAM	3	3	20.06	20.04	19.96		
1.4	256QAM	6	0	20.09	20.24	19.97	20.7	5

Band 12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.57	24.59	24.36	25.7	0
10	QPSK	1	25	24.39	24.51	24.52		
10	QPSK	1	49	24.41	24.42	24.41		
10	QPSK	25	0	23.62	23.79	23.62	24.7	1
10	QPSK	25	12	23.53	23.62	23.57		
10	QPSK	25	25	23.49	23.62	23.58		
10	QPSK	50	0	23.37	23.41	23.24		
10	16QAM	1	0	23.27	23.34	23.23	24.7	1
10	16QAM	1	25	23.23	23.22	23.18		
10	16QAM	1	49	23.18	23.35	23.32		
10	16QAM	25	0	22.46	22.37	22.38	23.7	2
10	16QAM	25	12	22.24	22.30	22.38		
10	16QAM	25	25	22.34	22.48	22.41		
10	16QAM	50	0	22.48	22.70	22.57		
10	64QAM	1	0	22.32	22.37	22.32	23.7	2
10	64QAM	1	25	22.16	22.35	22.27		
10	64QAM	1	49	22.13	22.54	22.07		
10	64QAM	25	0	21.30	21.56	21.58	22.7	3
10	64QAM	25	12	21.27	21.49	21.31		
10	64QAM	25	25	21.41	21.40	21.43		
10	64QAM	50	0	21.46	21.66	21.57		
10	256QAM	1	0	19.35	19.55	19.28	20.7	5
10	256QAM	1	25	19.35	19.34	19.32		
10	256QAM	1	49	19.23	19.25	19.21		
10	256QAM	25	0	19.44	19.51	19.46	20.7	5
10	256QAM	25	12	19.46	19.45	19.34		
10	256QAM	25	25	19.34	19.53	19.32		
10	256QAM	50	0	19.45	19.50	19.49		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.53	24.23	25.7	0
5	QPSK	1	12	24.25	24.43	24.38		
5	QPSK	1	24	24.28	24.39	24.36		
5	QPSK	12	0	23.45	23.72	23.55	24.7	1
5	QPSK	12	7	23.47	23.47	23.46		
5	QPSK	12	13	23.34	23.49	23.49		
5	QPSK	25	0	23.26	23.31	23.22		
5	16QAM	1	0	23.21	23.32	23.12	24.7	1
5	16QAM	1	12	23.09	23.20	23.05		
5	16QAM	1	24	23.07	23.20	23.21		
5	16QAM	12	0	22.29	22.27	22.32	23.7	2
5	16QAM	12	7	22.12	22.18	22.34		
5	16QAM	12	13	22.23	22.44	22.23		
5	16QAM	25	0	22.33	22.59	22.46		
5	64QAM	1	0	22.21	22.30	22.18	23.7	2
5	64QAM	1	12	22.08	22.18	22.22		
5	64QAM	1	24	22.03	22.42	21.96		
5	64QAM	12	0	21.22	21.49	21.53	22.7	3
5	64QAM	12	7	21.21	21.37	21.21		
5	64QAM	12	13	21.30	21.29	21.30		
5	64QAM	25	0	21.29	21.55	21.54		
5	256QAM	1	0	19.22	19.48	19.24	20.7	5
5	256QAM	1	12	19.23	19.16	19.20		
5	256QAM	1	24	19.15	19.19	19.15		
5	256QAM	12	0	19.34	19.46	19.29	20.7	5
5	256QAM	12	7	19.35	19.37	19.18		
5	256QAM	12	13	19.30	19.43	19.15		
5	256QAM	25	0	19.29	19.45	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.43	24.20	25.7	0
3	QPSK	1	8	24.27	24.34	24.36		
3	QPSK	1	14	24.34	24.30	24.26		
3	QPSK	8	0	23.46	23.61	23.54	24.7	1
3	QPSK	8	4	23.48	23.46	23.41		
3	QPSK	8	7	23.46	23.56	23.52		
3	QPSK	15	0	23.28	23.33	23.11		
3	16QAM	1	0	23.15	23.18	23.08	24.7	1
3	16QAM	1	8	23.14	23.07	23.13		
3	16QAM	1	14	23.00	23.24	23.21		
3	16QAM	8	0	22.32	22.34	22.35	23.7	2
3	16QAM	8	4	22.18	22.24	22.27		
3	16QAM	8	7	22.24	22.45	22.38		
3	16QAM	15	0	22.45	22.61	22.42		
3	64QAM	1	0	22.22	22.25	22.23	23.7	2
3	64QAM	1	8	22.10	22.25	22.20		
3	64QAM	1	14	22.05	22.39	21.99		
3	64QAM	8	0	21.22	21.42	21.50	22.7	3
3	64QAM	8	4	21.22	21.43	21.17		
3	64QAM	8	7	21.36	21.30	21.37		
3	64QAM	15	0	21.42	21.57	21.49		
3	256QAM	1	0	19.29	19.48	19.24	20.7	5
3	256QAM	1	8	19.24	19.25	19.25		
3	256QAM	1	14	19.14	19.11	19.17		
3	256QAM	8	0	19.40	19.46	19.41	20.7	5
3	256QAM	8	4	19.35	19.30	19.27		
3	256QAM	8	7	19.17	19.37	19.19		
3	256QAM	15	0	19.36	19.38	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.41	24.43	24.20	25.7	0
1.4	QPSK	1	3	24.36	24.47	24.44		
1.4	QPSK	1	5	24.39	24.32	24.35		
1.4	QPSK	3	0	24.52	24.56	24.24		
1.4	QPSK	3	1	24.32	24.48	24.45		
1.4	QPSK	3	3	24.26	24.34	24.26		
1.4	QPSK	6	0	23.57	23.73	23.52	24.7	1
1.4	16QAM	1	0	23.46	23.56	23.48	24.7	1
1.4	16QAM	1	3	23.44	23.57	23.45		
1.4	16QAM	1	5	23.29	23.35	23.19		
1.4	16QAM	3	0	23.23	23.20	23.06		
1.4	16QAM	3	1	23.20	23.18	23.14		
1.4	16QAM	3	3	23.13	23.27	23.28		
1.4	16QAM	6	0	22.34	22.25	22.21	23.7	2
1.4	64QAM	1	0	22.07	22.17	22.24	23.7	2
1.4	64QAM	1	3	22.20	22.36	22.28		
1.4	64QAM	1	5	22.41	22.58	22.42		
1.4	64QAM	3	0	22.16	22.21	22.15		
1.4	64QAM	3	1	22.03	22.27	22.23		
1.4	64QAM	3	3	22.06	22.40	21.94		
1.4	64QAM	6	0	21.19	21.45	21.27	22.7	3
1.4	256QAM	1	0	19.28	19.48	19.20	20.7	5
1.4	256QAM	1	3	19.24	19.28	19.25		
1.4	256QAM	1	5	19.18	19.10	19.14		
1.4	256QAM	3	0	19.30	19.40	19.34		
1.4	256QAM	3	1	19.34	19.37	19.25		
1.4	256QAM	3	3	19.22	19.45	19.19		
1.4	256QAM	6	0	19.28	19.48	19.35	20.7	5

Band 13 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.61		25.7	0
10	QPSK	1	25		24.47			
10	QPSK	1	49		24.44			
10	QPSK	25	0		23.79		24.7	1
10	QPSK	25	12		23.59			
10	QPSK	25	25		23.65			
10	QPSK	50	0		23.46			
10	16QAM	1	0		23.45		24.7	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.41			
10	16QAM	25	0		22.50		23.7	2
10	16QAM	25	12		22.37			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.80			
10	64QAM	1	0		22.44		23.7	2
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.52			
10	64QAM	25	0		21.56		22.7	3
10	64QAM	25	12		21.52			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.64			
10	256QAM	1	0		19.51		20.7	5
10	256QAM	1	25		19.42			
10	256QAM	1	49		19.29			
10	256QAM	25	0		19.53		20.7	5
10	256QAM	25	12		19.49			
10	256QAM	25	25		19.54			
10	256QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.53	24.49	25.7	0
5	QPSK	1	12	24.36	24.39	24.31		
5	QPSK	1	24	24.33	24.34	24.40		
5	QPSK	12	0	23.62	23.66	23.63	24.7	1
5	QPSK	12	7	23.45	23.43	23.55		
5	QPSK	12	13	23.57	23.53	23.55		
5	QPSK	25	0	23.43	23.36	23.31		
5	16QAM	1	0	23.32	23.32	23.31	24.7	1
5	16QAM	1	12	23.11	23.10	23.14		
5	16QAM	1	24	23.30	23.32	23.32		
5	16QAM	12	0	22.41	22.44	22.46	23.7	2
5	16QAM	12	7	22.30	22.23	22.27		
5	16QAM	12	13	22.42	22.37	22.37		
5	16QAM	25	0	22.75	22.72	22.75		
5	64QAM	1	0	22.40	22.34	22.34	23.7	2
5	64QAM	1	12	22.34	22.33	22.33		
5	64QAM	1	24	22.40	22.37	22.36		
5	64QAM	12	0	21.39	21.49	21.51	22.7	3
5	64QAM	12	7	21.43	21.38	21.49		
5	64QAM	12	13	21.40	21.44	21.31		
5	64QAM	25	0	21.55	21.57	21.58		
5	256QAM	1	0	19.42	19.37	19.43	20.7	5
5	256QAM	1	12	19.30	19.34	19.36		
5	256QAM	1	24	19.15	19.22	19.26		
5	256QAM	12	0	19.39	19.43	19.44	20.7	5
5	256QAM	12	7	19.35	19.45	19.47		
5	256QAM	12	13	19.47	19.36	19.48		
5	256QAM	25	0	19.54	19.46	19.48		

Band 17 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.46	24.49	24.23		
10	QPSK	1	25	24.39	24.35	24.41	25.7	0
10	QPSK	1	49	24.31	24.38	24.32		
10	QPSK	25	0	23.58	23.69	23.60		
10	QPSK	25	12	23.50	23.53	23.41	24.7	1
10	QPSK	25	25	23.45	23.53	23.49		
10	QPSK	50	0	23.26	23.35	23.15		
10	16QAM	1	0	23.18	23.34	23.24		
10	16QAM	1	25	23.08	23.08	23.18	24.7	1
10	16QAM	1	49	23.13	23.31	23.23		
10	16QAM	25	0	22.30	22.29	22.37		
10	16QAM	25	12	22.17	22.29	22.30	23.7	2
10	16QAM	25	25	22.27	22.44	22.38		
10	16QAM	50	0	22.45	22.62	22.46		
10	64QAM	1	0	22.24	22.37	22.20		
10	64QAM	1	25	22.16	22.33	22.13	23.7	2
10	64QAM	1	49	22.11	22.40	22.10		
10	64QAM	25	0	21.27	21.46	21.48		
10	64QAM	25	12	21.15	21.37	21.32	22.7	3
10	64QAM	25	25	21.25	21.38	21.31		
10	64QAM	50	0	21.36	21.55	21.48		
10	256QAM	1	0	19.33	19.43	19.17		
10	256QAM	1	25	19.22	19.30	19.21	20.7	5
10	256QAM	1	49	19.15	19.25	19.08		
10	256QAM	25	0	19.38	19.37	19.34		
10	256QAM	25	12	19.31	19.34	19.29	20.7	5
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.44	19.40	19.34		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.31	24.40	24.18		
5	QPSK	1	12	24.25	24.23	24.36	25.7	0
5	QPSK	1	24	24.21	24.30	24.16		
5	QPSK	12	0	23.55	23.57	23.42		
5	QPSK	12	7	23.33	23.40	23.25	24.7	1
5	QPSK	12	13	23.32	23.48	23.36		
5	QPSK	25	0	23.21	23.29	23.09		
5	16QAM	1	0	23.07	23.18	23.20		
5	16QAM	1	12	22.90	22.91	23.01	24.7	1
5	16QAM	1	24	23.10	23.27	23.12		
5	16QAM	12	0	22.22	22.25	22.35		
5	16QAM	12	7	22.11	22.15	22.28	23.7	2
5	16QAM	12	13	22.18	22.37	22.34		
5	16QAM	25	0	22.32	22.56	22.29		
5	64QAM	1	0	22.21	22.19	22.03		
5	64QAM	1	12	22.03	22.20	22.09	23.7	2
5	64QAM	1	24	21.95	22.23	21.99		
5	64QAM	12	0	21.13	21.34	21.44		
5	64QAM	12	7	21.09	21.31	21.15	22.7	3
5	64QAM	12	13	21.19	21.21	21.14		
5	64QAM	25	0	21.32	21.49	21.34		
5	256QAM	1	0	19.17	19.25	18.99		
5	256QAM	1	12	19.15	19.28	19.07	20.7	5
5	256QAM	1	24	18.98	19.13	18.99		
5	256QAM	12	0	19.22	19.24	19.25		
5	256QAM	12	7	19.28	19.25	19.15	20.7	5
5	256QAM	12	13	19.23	19.32	19.16		
5	256QAM	25	0	19.34	19.31	19.21		

Band 26 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.11	25.36	24.98		
15	QPSK	1	37	24.98	25.32	24.99	25.7	0
15	QPSK	1	74	25.03	25.25	24.93		
15	QPSK	36	0	24.16	24.62	24.23		
15	QPSK	36	20	24.13	24.45	24.12	24.7	1
15	QPSK	36	39	24.05	24.41	24.12		
15	QPSK	75	0	23.92	24.22	23.80		
15	16QAM	1	0	23.83	24.17	23.81		
15	16QAM	1	37	23.80	24.01	23.79	24.7	1
15	16QAM	1	74	23.71	24.17	23.84		
15	16QAM	36	0	22.93	23.25	23.06		
15	16QAM	36	20	22.83	23.06	23.00	23.7	2
15	16QAM	36	39	22.95	23.32	22.94		
15	16QAM	75	0	23.02	23.57	23.13		
15	64QAM	1	0	22.84	23.22	22.85		
15	64QAM	1	37	22.74	23.20	22.79	23.7	2
15	64QAM	1	74	22.75	23.35	22.72		
15	64QAM	36	0	21.89	22.30	22.10		
15	64QAM	36	20	21.89	22.29	21.90	22.7	3
15	64QAM	36	39	21.93	22.22	21.93		
15	64QAM	75	0	22.08	22.39	22.20		
15	256QAM	1	0	19.92	20.28	19.78		
15	256QAM	1	37	19.86	20.15	19.92	20.7	5
15	256QAM	1	74	19.79	20.08	19.81		
15	256QAM	36	0	19.99	20.25	19.95		
15	256QAM	36	20	19.99	20.22	19.88	20.7	5
15	256QAM	36	39	19.93	20.38	19.90		
15	256QAM	75	0	20.09	20.37	20.00		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.06	25.11	24.87		
10	QPSK	1	25	24.91	25.05	24.92	25.7	0
10	QPSK	1	49	24.87	24.97	24.90		
10	QPSK	25	0	24.13	24.29	24.08		
10	QPSK	25	12	23.98	24.20	23.97	24.7	1
10	QPSK	25	25	23.95	24.05	24.04		
10	QPSK	50	0	23.87	23.88	23.64		
10	16QAM	1	0	23.68	23.79	23.67		
10	16QAM	1	25	23.65	23.63	23.76	24.7	1
10	16QAM	1	49	23.61	23.89	23.76		
10	16QAM	25	0	22.88	23.00	22.92		
10	16QAM	25	12	22.72	22.67	22.95	23.7	2
10	16QAM	25	25	22.78	23.01	22.85		
10	16QAM	50	0	22.95	23.19	22.98		
10	64QAM	1	0	22.72	22.94	22.76		
10	64QAM	1	25	22.59	22.85	22.66	23.7	2
10	64QAM	1	49	22.70	23.07	22.60		
10	64QAM	25	0	21.81	21.91	21.99		
10	64QAM	25	12	21.83	21.89	21.83	22.7	3
10	64QAM	25	25	21.82	21.97	21.78		
10	64QAM	50	0	21.99	22.01	22.08		
10	256QAM	1	0	19.86	19.99	19.65		
10	256QAM	1	25	19.81	19.80	19.90	20.7	5
10	256QAM	1	49	19.62	19.82	19.64		
10	256QAM	25	0	19.85	19.85	19.82		
10	256QAM	25	12	19.97	19.85	19.80	20.7	5
10	256QAM	25	25	19.79	20.00	19.85		
10	256QAM	50	0	20.03	20.11	19.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.96	24.97	24.90		
5	QPSK	1	12	24.89	24.92	24.86	25.7	0
5	QPSK	1	24	24.93	24.99	24.90		
5	QPSK	12	0	24.00	24.34	24.13		
5	QPSK	12	7	23.99	24.12	23.95	24.7	1
5	QPSK	12	13	24.02	24.10	24.06		
5	QPSK	25	0	23.81	23.92	23.63		
5	16QAM	1	0	23.78	23.92	23.78		
5	16QAM	1	12	23.71	23.62	23.62	24.7	1
5	16QAM	1	24	23.62	23.89	23.69		
5	16QAM	12	0	22.77	22.96	23.00		
5	16QAM	12	7	22.70	22.68	22.98	23.7	2
5	16QAM	12	13	22.81	23.01	22.91		
5	16QAM	25	0	22.99	23.18	23.00		
5	64QAM	1	0	22.73	23.03	22.81		
5	64QAM	1	12	22.56	22.81	22.66	23.7	2
5	64QAM	1	24	22.58	23.04	22.67		
5	64QAM	12	0	21.71	22.03	22.05		
5	64QAM	12	7	21.77	21.94	21.85	22.7	3
5	64QAM	12	13	21.80	21.83	21.80		
5	64QAM	25	0	21.96	22.03	22.05		
5	256QAM	1	0	19.83	19.97	19.74		
5	256QAM	1	12	19.76	19.86	19.85	20.7	5
5	256QAM	1	24	19.67	19.78	19.66		
5	256QAM	12	0	19.89	19.94	19.78		
5	256QAM	12	7	19.89	19.91	19.82	20.7	5
5	256QAM	12	13	19.79	20.02	19.86		
5	256QAM	25	0	19.96	20.09	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.08	25.00	24.87		
3	QPSK	1	8	24.83	25.07	24.88	25.7	0
3	QPSK	1	14	24.91	25.01	24.86		
3	QPSK	8	0	24.01	24.31	24.12		
3	QPSK	8	4	24.02	24.05	23.99	24.7	1
3	QPSK	8	7	23.90	24.13	23.99		
3	QPSK	15	0	23.87	23.92	23.64		
3	16QAM	1	0	23.75	23.93	23.72		
3	16QAM	1	8	23.63	23.68	23.66	24.7	1
3	16QAM	1	14	23.64	23.81	23.82		
3	16QAM	8	0	22.86	22.99	22.96		
3	16QAM	8	4	22.81	22.79	22.94	23.7	2
3	16QAM	8	7	22.87	23.00	22.83		
3	16QAM	15	0	22.99	23.20	22.96		
3	64QAM	1	0	22.70	22.99	22.82		
3	64QAM	1	8	22.67	22.80	22.76	23.7	2
3	64QAM	1	14	22.57	23.03	22.67		
3	64QAM	8	0	21.75	21.94	22.05		
3	64QAM	8	4	21.75	22.03	21.79	22.7	3
3	64QAM	8	7	21.83	21.98	21.79		
3	64QAM	15	0	21.94	22.00	22.04		
3	256QAM	1	0	19.86	19.97	19.63		
3	256QAM	1	8	19.68	19.88	19.86	20.7	5
3	256QAM	1	14	19.61	19.75	19.73		
3	256QAM	8	0	19.87	20.01	19.91		
3	256QAM	8	4	19.91	19.98	19.85	20.7	5
3	256QAM	8	7	19.90	20.06	19.74		
3	256QAM	15	0	19.95	20.10	19.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.94	25.07	24.80		
1.4	QPSK	1	3	24.94	24.93	24.96		
1.4	QPSK	1	5	24.96	24.89	24.77	25.7	0
1.4	QPSK	3	0	25.00	25.05	24.91		
1.4	QPSK	3	1	24.82	24.98	24.96		
1.4	QPSK	3	3	25.00	24.88	24.90		
1.4	QPSK	6	0	24.09	24.34	24.19	24.7	1
1.4	16QAM	1	0	24.09	24.14	24.03		
1.4	16QAM	1	3	23.97	24.10	24.02		
1.4	16QAM	1	5	23.76	23.86	23.75	24.7	1
1.4	16QAM	3	0	23.72	23.84	23.71		
1.4	16QAM	3	1	23.70	23.61	23.66		
1.4	16QAM	3	3	23.54	23.90	23.68		
1.4	16QAM	6	0	22.86	22.91	23.00	23.7	2
1.4	64QAM	1	0	22.78	22.82	22.91		
1.4	64QAM	1	3	22.77	22.98	22.90		
1.4	64QAM	1	5	22.94	23.23	22.96	23.7	2
1.4	64QAM	3	0	22.71	23.01	22.70		
1.4	64QAM	3	1	22.63	22.81	22.71		
1.4	64QAM	3	3	22.61	23.02	22.58		
1.4	64QAM	6	0	21.79	22.03	22.02	22.7	3
1.4	256QAM	1	0	19.80	19.93	19.70		
1.4	256QAM	1	3	19.80	19.82	19.85		
1.4	256QAM	1	5	19.77	19.70	19.68	20.7	5
1.4	256QAM	3	0	19.95	19.91	19.90		
1.4	256QAM	3	1	19.89	19.92	19.82		
1.4	256QAM	3	3	19.85	20.02	19.77		
1.4	256QAM	6	0	19.92	20.10	19.97	20.7	5

Band 71 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.23	24.37	24.16		
20	QPSK	1	49	24.17	24.23	24.26	25.5	0
20	QPSK	1	99	24.16	24.20	24.14		
20	QPSK	50	0	23.34	23.49	23.34		
20	QPSK	50	24	23.32	23.27	23.26	24.5	1
20	QPSK	50	50	23.28	23.33	23.30		
20	QPSK	100	0	23.14	23.20	23.02		
20	16QAM	1	0	23.02	23.08	22.97		
20	16QAM	1	49	22.98	22.95	22.93	24.5	1
20	16QAM	1	99	22.87	23.15	22.95		
20	16QAM	50	0	22.10	22.14	22.19		
20	16QAM	50	24	21.96	22.00	22.08	23.5	2
20	16QAM	50	50	21.99	22.14	22.09		
20	16QAM	100	0	22.23	22.43	22.33		
20	64QAM	1	0	22.00	22.13	22.04		
20	64QAM	1	49	21.90	22.11	21.94	23.5	2
20	64QAM	1	99	21.89	22.25	21.82		
20	64QAM	50	0	21.07	21.27	21.29		
20	64QAM	50	24	21.03	21.23	21.08	22.5	3
20	64QAM	50	50	21.13	21.19	21.16		
20	64QAM	100	0	21.16	21.38	21.33		
20	256QAM	1	0	19.09	19.24	18.95		
20	256QAM	1	49	19.05	19.14	19.02	20.5	5
20	256QAM	1	99	19.03	18.99	18.95		
20	256QAM	50	0	19.15	19.19	19.15		
20	256QAM	50	24	19.15	19.14	19.10	20.5	5
20	256QAM	50	50	19.16	19.26	19.02		
20	256QAM	100	0	19.16	19.31	19.16		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.18	24.33	24.12		
15	QPSK	1	37	24.13	24.16	24.18	25.5	0
15	QPSK	1	74	24.04	24.05	24.09		
15	QPSK	36	0	23.29	23.47	23.19		
15	QPSK	36	20	23.21	23.24	23.12	24.5	1
15	QPSK	36	39	23.11	23.16	23.20		
15	QPSK	75	0	23.00	23.15	22.92		
15	16QAM	1	0	22.84	22.97	22.82		
15	16QAM	1	37	22.82	22.85	22.87	24.5	1
15	16QAM	1	74	22.72	23.03	22.93		
15	16QAM	36	0	21.92	22.08	22.04		
15	16QAM	36	20	21.79	21.90	22.04	23.5	2
15	16QAM	36	39	21.90	22.03	21.96		
15	16QAM	75	0	22.11	22.32	22.23		
15	64QAM	1	0	21.84	22.10	21.91		
15	64QAM	1	37	21.81	22.09	21.81	23.5	2
15	64QAM	1	74	21.82	22.07	21.80		
15	64QAM	36	0	21.00	21.16	21.13		
15	64QAM	36	20	20.97	21.18	20.92	22.5	3
15	64QAM	36	39	21.08	21.06	21.07		
15	64QAM	75	0	21.02	21.26	21.17		
15	256QAM	1	0	18.94	19.16	18.77		
15	256QAM	1	37	18.95	19.08	18.86	20.5	5
15	256QAM	1	74	19.00	18.95	18.92		
15	256QAM	36	0	19.08	19.11	19.06		
15	256QAM	36	20	19.01	19.04	19.05	20.5	5
15	256QAM	36	39	19.11	19.18	18.97		
15	256QAM	75	0	19.10	19.24	19.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.09	24.23	24.04		
10	QPSK	1	25	24.04	24.20	24.23	25.5	0
10	QPSK	1	49	24.00	24.18	23.97		
10	QPSK	25	0	23.23	23.37	23.19		
10	QPSK	25	12	23.27	23.18	23.20	24.5	1
10	QPSK	25	25	23.19	23.25	23.22		
10	QPSK	50	0	23.07	23.10	22.87		
10	16QAM	1	0	22.93	23.04	22.88		
10	16QAM	1	25	22.90	22.87	22.91	24.5	1
10	16QAM	1	49	22.83	23.05	22.81		
10	16QAM	25	0	22.08	22.10	22.17		
10	16QAM	25	12	21.82	21.91	21.95	23.5	2
10	16QAM	25	25	21.84	22.00	21.94		
10	16QAM	50	0	22.14	22.28	22.24		
10	64QAM	1	0	21.85	22.09	21.89		
10	64QAM	1	25	21.74	22.03	21.92	23.5	2
10	64QAM	1	49	21.87	22.22	21.77		
10	64QAM	25	0	21.00	21.17	21.23		
10	64QAM	25	12	20.94	21.13	21.03	22.5	3
10	64QAM	25	25	21.07	21.15	21.01		
10	64QAM	50	0	21.00	21.31	21.19		
10	256QAM	1	0	18.96	19.13	18.81		
10	256QAM	1	25	18.98	18.96	18.95	20.5	5
10	256QAM	1	49	18.97	18.82	18.82		
10	256QAM	25	0	19.03	19.14	18.99		
10	256QAM	25	12	19.03	19.01	18.99	20.5	5
10	256QAM	25	25	19.06	19.15	18.91		
10	256QAM	50	0	18.99	19.19	19.13		
Channel				133142	133242	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.18	24.21	24.03		
5	QPSK	1	12	24.04	24.13	24.23	25.5	0
5	QPSK	1	24	24.08	24.04	24.02		
5	QPSK	12	0	23.28	23.43	23.21		
5	QPSK	12	7	23.19	23.11	23.17	24.5	1
5	QPSK	12	13	23.23	23.27	23.18		
5	QPSK	25	0	22.97	23.14	22.89		
5	16QAM	1	0	23.00	22.99	22.94		
5	16QAM	1	12	22.95	22.89	22.79	24.5	1
5	16QAM	1	24	22.74	23.01	22.90		
5	16QAM	12	0	22.00	22.00	22.01		
5	16QAM	12	7	21.79	21.92	22.00	23.5	2
5	16QAM	12	13	21.92	22.02	22.00		
5	16QAM	25	0	22.09	22.40	22.26		
5	64QAM	1	0	21.82	22.10	21.91		
5	64QAM	1	12	21.87	22.08	21.92	23.5	2
5	64QAM	1	24	21.75	22.23	21.77		
5	64QAM	12	0	21.03	21.10	21.23		
5	64QAM	12	7	20.85	21.15	20.96	22.5	3
5	64QAM	12	13	21.07	21.05	21.03		
5	64QAM	25	0	21.05	21.33	21.30		
5	256QAM	1	0	19.02	19.10	18.91		
5	256QAM	1	12	18.99	19.03	18.91	20.5	5
5	256QAM	1	24	18.96	18.82	18.87		
5	256QAM	12	0	19.04	19.02	19.07		
5	256QAM	12	7	19.09	19.04	18.92	20.5	5
5	256QAM	12	13	19.01	19.17	18.87		
5	256QAM	25	0	19.13	19.20	19.14		

GSM1900 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.20	30.16	30.17	31.50	21.20	21.16	21.17	22.50
GPRS 1 Tx slot	30.19	30.15	30.12	31.50	21.19	21.15	21.12	22.50
GPRS 2 Tx slots	27.29	27.28	27.25	28.50	21.29	21.28	21.25	22.50
GPRS 3 Tx slots	25.54	25.53	25.52	26.70	21.28	21.27	21.26	22.44
GPRS 4 Tx slots	24.15	24.17	24.16	25.50	21.13	21.17	21.15	22.50
EDGE 1 Tx slot	26.03	26.03	26.11	27.50	17.03	17.03	17.11	18.50
EDGE 2 Tx slots	23.54	23.71	23.78	24.50	17.54	17.71	17.78	18.50
EDGE 3 Tx slots	20.87	21.09	21.33	22.70	16.61	16.83	17.07	18.44
EDGE 4 Tx slots	20.11	20.27	20.19	21.50	17.11	17.27	17.19	18.50

		WCDMA II Default				WCDMA IV Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.10	24.26	24.11	25.50	24.19	24.22	24.14	25.50
3GPP Rel 99	RMC 12.2Kbps	24.12	24.27	24.14	25.50	24.21	24.24	24.15	25.50
3GPP Rel 6	HSDPA Subtest-1	23.16	23.38	23.38	24.50	23.07	23.17	23.23	24.50
3GPP Rel 6	HSDPA Subtest-2	23.27	23.34	23.00	24.50	23.15	23.05	22.99	24.50
3GPP Rel 6	HSDPA Subtest-3	22.56	22.59	22.76	24.00	22.69	22.64	22.72	24.00
3GPP Rel 6	HSDPA Subtest-4	22.75	22.67	22.74	24.00	22.76	22.66	22.64	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.09	23.33	23.27	24.50	23.01	23.19	23.26	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.13	23.06	24.50	23.17	23.12	22.98	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.84	22.67	24.00	22.44	22.73	22.64	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.63	22.62	24.00	22.44	22.64	22.57	24.00
3GPP Rel 6	HSUPA Subtest-1	22.88	22.96	23.19	24.50	23.09	23.10	23.24	24.50
3GPP Rel 6	HSUPA Subtest-2	21.19	21.17	21.14	22.50	21.24	21.10	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	22.19	22.38	22.37	23.50	22.15	22.34	22.16	23.50
3GPP Rel 6	HSUPA Subtest-4	21.05	21.12	21.16	22.50	21.10	21.12	20.97	22.50
3GPP Rel 6	HSUPA Subtest-5	23.08	23.21	23.13	24.50	22.95	23.26	23.21	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.80	20.83	20.82	22.00	20.69	20.74	20.66	22.00

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.70	24.25	25.5	0
20	QPSK	1	49	24.28	24.64	24.39		
20	QPSK	1	99	24.37	24.57	24.34		
20	QPSK	50	0	23.53	23.90	23.55	24.5	1
20	QPSK	50	24	23.44	23.74	23.46		
20	QPSK	50	50	23.38	23.82	23.45		
20	QPSK	100	0	23.31	23.61	23.25		
20	16QAM	1	0	23.20	23.51	23.18	24.5	1
20	16QAM	1	49	23.15	23.28	23.10		
20	16QAM	1	99	23.07	23.51	23.23		
20	16QAM	50	0	22.27	22.53	22.28	23.5	2
20	16QAM	50	24	22.19	22.39	22.29		
20	16QAM	50	50	22.16	22.61	22.35		
20	16QAM	100	0	22.35	22.88	22.47		
20	64QAM	1	0	22.16	22.51	22.18	23.5	2
20	64QAM	1	49	22.12	22.50	22.16		
20	64QAM	1	99	22.05	22.71	22.09		
20	64QAM	50	0	21.28	21.63	21.53	22.5	3
20	64QAM	50	24	21.22	21.63	21.33		
20	64QAM	50	50	21.28	21.54	21.30		
20	64QAM	100	0	21.33	21.72	21.45		
20	256QAM	1	0	19.28	19.66	19.23	20.5	5
20	256QAM	1	49	19.17	19.52	19.18		
20	256QAM	1	99	19.14	19.47	19.15		
20	256QAM	50	0	19.40	19.62	19.31	20.5	5
20	256QAM	50	24	19.32	19.57	19.18		
20	256QAM	50	50	19.29	19.69	19.25		
20	256QAM	100	0	19.39	19.71	19.33		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.38	24.44	24.19	25.5	0
15	QPSK	1	37	24.26	24.33	24.21		
15	QPSK	1	74	24.23	24.28	24.16		
15	QPSK	36	0	23.35	23.65	23.39	24.5	1
15	QPSK	36	20	23.37	23.45	23.42		
15	QPSK	36	39	23.29	23.43	23.42		
15	QPSK	75	0	23.25	23.21	23.17		
15	16QAM	1	0	23.02	23.17	23.13	24.5	1
15	16QAM	1	37	23.12	23.03	23.03		
15	16QAM	1	74	22.92	23.16	23.07		
15	16QAM	36	0	22.13	22.14	22.13	23.5	2
15	16QAM	36	20	22.01	22.04	22.24		
15	16QAM	36	39	21.99	22.24	22.27		
15	16QAM	75	0	22.24	22.64	22.31		
15	64QAM	1	0	22.23	22.21	22.15	23.5	2
15	64QAM	1	37	22.14	22.02	22.21		
15	64QAM	1	74	22.01	22.33	22.28		
15	64QAM	36	0	21.16	21.26	21.45	22.5	3
15	64QAM	36	20	21.08	21.39	21.23		
15	64QAM	36	39	21.16	21.27	21.19		
15	64QAM	75	0	21.16	21.32	21.40		
15	256QAM	1	0	19.20	19.35	19.11	20.5	5
15	256QAM	1	37	19.02	19.22	19.04		
15	256QAM	1	74	19.10	19.22	19.12		
15	256QAM	36	0	19.27	19.37	19.17	20.5	5
15	256QAM	36	20	19.22	19.25	19.03		
15	256QAM	36	39	19.18	19.34	19.20		
15	256QAM	75	0	19.28	19.38	19.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.38	24.31	24.15	25.5	0
10	QPSK	1	25	24.23	24.31	24.25		
10	QPSK	1	49	24.21	24.26	24.19		
10	QPSK	25	0	23.42	23.66	23.45	24.5	1
10	QPSK	25	12	23.37	23.40	23.31		
10	QPSK	25	25	23.32	23.47	23.34		
10	QPSK	50	0	23.15	23.33	23.18		
10	16QAM	1	0	23.16	23.20	23.03	24.5	1
10	16QAM	1	25	23.13	22.94	23.03		
10	16QAM	1	49	23.05	23.16	23.11		
10	16QAM	25	0	22.24	22.18	22.26	23.5	2
10	16QAM	25	12	22.07	22.03	22.13		
10	16QAM	25	25	22.06	22.24	22.26		
10	16QAM	50	0	22.23	22.61	22.40		
10	64QAM	1	0	21.98	22.17	22.06	23.5	2
10	64QAM	1	25	22.05	22.21	21.99		
10	64QAM	1	49	21.96	22.41	22.03		
10	64QAM	25	0	21.19	21.33	21.48	22.5	3
10	64QAM	25	12	21.07	21.25	21.25		
10	64QAM	25	25	21.25	21.18	21.21		
10	64QAM	50	0	21.21	21.48	21.32		
10	256QAM	1	0	19.11	19.28	19.16	20.5	5
10	256QAM	1	25	19.06	19.18	19.01		
10	256QAM	1	49	19.05	19.10	19.05		
10	256QAM	25	0	19.28	19.32	19.17	20.5	5
10	256QAM	25	12	19.20	19.25	19.09		
10	256QAM	25	25	19.23	19.33	19.20		
10	256QAM	50	0	19.27	19.40	19.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.30	24.33	24.15	25.5	0
5	QPSK	1	12	24.22	24.37	24.33		
5	QPSK	1	24	24.23	24.24	24.26		
5	QPSK	12	0	23.37	23.63	23.49	24.5	1
5	QPSK	12	7	23.36	23.34	23.31		
5	QPSK	12	13	23.36	23.52	23.27		
5	QPSK	25	0	23.24	23.32	23.15		
5	16QAM	1	0	23.10	23.27	23.08	24.5	1
5	16QAM	1	12	22.98	22.98	23.03		
5	16QAM	1	24	23.03	23.18	23.19		
5	16QAM	12	0	22.12	22.27	22.23	23.5	2
5	16QAM	12	7	22.10	22.05	22.23		
5	16QAM	12	13	22.00	22.31	22.24		
5	16QAM	25	0	22.22	22.63	22.44		
5	64QAM	1	0	22.21	22.14	22.17	23.5	2
5	64QAM	1	12	22.15	22.05	22.21		
5	64QAM	1	24	22.10	22.31	22.25		
5	64QAM	12	0	21.24	21.23	21.39	22.5	3
5	64QAM	12	7	21.15	21.39	21.27		
5	64QAM	12	13	21.22	21.22	21.15		
5	64QAM	25	0	21.23	21.38	21.33		
5	256QAM	1	0	19.12	19.33	19.07	20.5	5
5	256QAM	1	12	19.10	19.20	19.07		
5	256QAM	1	24	19.01	19.18	19.04		
5	256QAM	12	0	19.26	19.37	19.25	20.5	5
5	256QAM	12	7	19.27	19.28	19.03		
5	256QAM	12	13	19.21	19.43	19.22		
5	256QAM	25	0	19.23	19.34	19.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.38	24.31	24.21	25.5	0
3	QPSK	1	8	24.14	24.33	24.28		
3	QPSK	1	14	24.22	24.32	24.31		
3	QPSK	8	0	23.43	23.61	23.37	24.5	1
3	QPSK	8	4	23.32	23.41	23.39		
3	QPSK	8	7	23.23	23.57	23.41		
3	QPSK	15	0	23.21	23.28	23.23		
3	16QAM	1	0	23.02	23.23	23.09	24.5	1
3	16QAM	1	8	23.06	22.97	23.05		
3	16QAM	1	14	22.93	23.19	23.06		
3	16QAM	8	0	22.11	22.22	22.20	23.5	2
3	16QAM	8	4	22.03	22.02	22.15		
3	16QAM	8	7	22.08	22.22	22.27		
3	16QAM	15	0	22.21	22.59	22.32		
3	64QAM	1	0	22.05	22.16	22.15	23.5	2
3	64QAM	1	8	22.00	22.25	22.10		
3	64QAM	1	14	22.03	22.34	21.91		
3	64QAM	8	0	21.19	21.36	21.40	22.5	3
3	64QAM	8	4	21.20	21.25	21.29		
3	64QAM	8	7	21.23	21.30	21.16		
3	64QAM	15	0	21.19	21.34	21.42		
3	256QAM	1	0	19.12	19.31	19.18	20.5	5
3	256QAM	1	8	19.04	19.13	19.12		
3	256QAM	1	14	19.06	19.20	19.00		
3	256QAM	8	0	19.22	19.34	19.22	20.5	5
3	256QAM	8	4	19.17	19.29	19.14		
3	256QAM	8	7	19.14	19.44	19.18		
3	256QAM	15	0	19.27	19.46	19.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.31	24.15	25.5	0
1.4	QPSK	1	3	24.15	24.30	24.28		
1.4	QPSK	1	5	24.24	24.23	24.23		
1.4	QPSK	3	0	24.27	24.38	24.09		
1.4	QPSK	3	1	24.19	24.24	24.22		
1.4	QPSK	3	3	24.25	24.22	24.23		
1.4	QPSK	6	0	23.47	23.64	23.41	24.5	1
1.4	16QAM	1	0	23.32	23.41	23.29	24.5	1
1.4	16QAM	1	3	23.21	23.55	23.42		
1.4	16QAM	1	5	23.23	23.34	23.12		
1.4	16QAM	3	0	23.11	23.20	23.01		
1.4	16QAM	3	1	23.12	23.02	23.03		
1.4	16QAM	3	3	22.93	23.15	23.10		
1.4	16QAM	6	0	22.20	22.14	22.17	23.5	2
1.4	64QAM	1	0	22.17	22.22	22.12	23.5	2
1.4	64QAM	1	3	22.07	22.02	22.14		
1.4	64QAM	1	5	22.10	22.34	22.29		
1.4	64QAM	3	0	22.06	22.25	22.10		
1.4	64QAM	3	1	22.05	22.17	22.04		
1.4	64QAM	3	3	21.95	22.42	22.01		
1.4	64QAM	6	0	21.26	21.26	21.43	22.5	3
1.4	256QAM	1	0	19.23	19.31	19.18	20.5	5
1.4	256QAM	1	3	19.03	19.27	19.11		
1.4	256QAM	1	5	19.05	19.17	18.99		
1.4	256QAM	3	0	19.32	19.30	19.25		
1.4	256QAM	3	1	19.18	19.20	19.07		
1.4	256QAM	3	3	19.21	19.32	19.09		
1.4	256QAM	6	0	19.31	19.38	19.23	20.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.15	25.26	24.96	25.7	0
20	QPSK	1	49	25.04	25.11	25.08		
20	QPSK	1	99	24.98	25.07	25.00		
20	QPSK	50	0	24.23	24.34	24.20	24.7	1
20	QPSK	50	24	24.18	24.26	24.15		
20	QPSK	50	50	24.12	24.30	24.15		
20	QPSK	100	0	23.95	24.05	23.93		
20	16QAM	1	0	23.88	24.01	23.83	24.7	1
20	16QAM	1	49	23.84	23.75	23.80		
20	16QAM	1	99	23.84	23.93	23.83		
20	16QAM	50	0	23.03	23.05	23.08	23.7	2
20	16QAM	50	24	22.92	22.93	22.99		
20	16QAM	50	50	22.93	23.09	23.04		
20	16QAM	100	0	23.06	23.35	23.15		
20	64QAM	1	0	22.88	23.00	22.95	23.7	2
20	64QAM	1	49	22.85	23.06	22.92		
20	64QAM	1	99	22.80	23.18	22.70		
20	64QAM	50	0	21.96	22.15	22.23	22.7	3
20	64QAM	50	24	21.95	22.14	21.98		
20	64QAM	50	50	21.97	21.99	22.02		
20	64QAM	100	0	22.12	22.30	22.24		
20	256QAM	1	0	19.96	20.17	19.91	20.7	5
20	256QAM	1	49	19.92	19.93	19.91		
20	256QAM	1	99	19.90	19.86	19.88		
20	256QAM	50	0	20.08	20.07	20.04	20.7	5
20	256QAM	50	24	20.05	20.03	19.96		
20	256QAM	50	50	20.05	20.14	19.93		
20	256QAM	100	0	20.08	20.17	20.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	25.10	25.19	24.89	25.7	0
15	QPSK	1	37	24.88	25.02	25.03		
15	QPSK	1	74	24.91	24.99	24.91		
15	QPSK	36	0	24.16	24.31	24.13	24.7	1
15	QPSK	36	20	24.05	24.18	24.13		
15	QPSK	36	39	24.01	24.27	23.97		
15	QPSK	75	0	23.92	23.93	23.89		
15	16QAM	1	0	23.78	23.99	23.74	24.7	1
15	16QAM	1	37	23.73	23.65	23.70		
15	16QAM	1	74	23.71	23.88	23.73		
15	16QAM	36	0	22.96	23.02	22.94	23.7	2
15	16QAM	36	20	22.81	22.78	22.86		
15	16QAM	36	39	22.79	22.93	22.89		
15	16QAM	75	0	22.96	23.24	23.10		
15	64QAM	1	0	22.75	22.90	22.86	23.7	2
15	64QAM	1	37	22.78	22.94	22.86		
15	64QAM	1	74	22.76	23.03	22.60		
15	64QAM	36	0	21.81	22.00	22.12	22.7	3
15	64QAM	36	20	21.81	22.03	21.82		
15	64QAM	36	39	21.86	21.83	21.94		
15	64QAM	75	0	21.99	22.17	22.10		
15	256QAM	1	0	19.81	20.13	19.79	20.7	5
15	256QAM	1	37	19.84	19.81	19.89		
15	256QAM	1	74	19.79	19.82	19.77		
15	256QAM	36	0	19.93	19.97	19.98	20.7	5
15	256QAM	36	20	19.98	19.93	19.94		
15	256QAM	36	39	19.92	20.01	19.78		
15	256QAM	75	0	19.97	20.01	19.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	25.10	25.18	24.89	25.7	0
10	QPSK	1	25	24.91	24.97	25.01		
10	QPSK	1	49	24.81	24.90	24.92		
10	QPSK	25	0	24.17	24.27	24.04	24.7	1
10	QPSK	25	12	24.01	24.17	23.98		
10	QPSK	25	25	24.03	24.12	24.09		
10	QPSK	50	0	23.86	23.94	23.87		
10	16QAM	1	0	23.71	23.95	23.80	24.7	1
10	16QAM	1	25	23.81	23.60	23.68		
10	16QAM	1	49	23.66	23.90	23.77		
10	16QAM	25	0	22.99	22.98	22.97	23.7	2
10	16QAM	25	12	22.86	22.90	22.94		
10	16QAM	25	25	22.81	22.99	22.98		
10	16QAM	50	0	22.98	23.28	23.08		
10	64QAM	1	0	22.97	22.89	23.03	23.7	2
10	64QAM	1	25	22.90	22.87	22.92		
10	64QAM	1	49	22.80	23.04	22.87		
10	64QAM	25	0	21.94	22.03	22.06	22.7	3
10	64QAM	25	12	21.81	22.04	21.92		
10	64QAM	25	25	21.93	21.95	21.90		
10	64QAM	50	0	21.98	22.13	22.08		
10	256QAM	1	0	19.94	20.14	19.87	20.7	5
10	256QAM	1	25	19.88	19.81	19.88		
10	256QAM	1	49	19.76	19.76	19.85		
10	256QAM	25	0	19.97	19.92	19.89	20.7	5
10	256QAM	25	12	19.96	20.01	19.81		
10	256QAM	25	25	20.00	20.03	19.87		
10	256QAM	50	0	19.98	20.08	19.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	25.01	25.10	24.94	25.7	0
5	QPSK	1	12	24.99	24.94	24.99		
5	QPSK	1	24	24.93	24.90	24.94		
5	QPSK	12	0	24.13	24.25	24.11	24.7	1
5	QPSK	12	7	24.02	24.22	24.07		
5	QPSK	12	13	24.09	24.17	24.02		
5	QPSK	25	0	23.87	23.99	23.87		
5	16QAM	1	0	23.75	23.90	23.72	24.7	1
5	16QAM	1	12	23.72	23.66	23.63		
5	16QAM	1	24	23.75	23.75	23.78		
5	16QAM	12	0	22.85	22.93	23.01	23.7	2
5	16QAM	12	7	22.90	22.76	22.88		
5	16QAM	12	13	22.79	23.00	22.96		
5	16QAM	25	0	22.96	23.19	23.04		
5	64QAM	1	0	22.86	22.87	22.97	23.7	2
5	64QAM	1	12	22.88	22.89	22.90		
5	64QAM	1	24	22.78	22.99	22.88		
5	64QAM	12	0	21.92	22.06	22.11	22.7	3
5	64QAM	12	7	21.91	22.02	21.95		
5	64QAM	12	13	21.87	21.81	21.97		
5	64QAM	25	0	22.01	22.25	22.09		
5	256QAM	1	0	19.93	20.14	19.78	20.7	5
5	256QAM	1	12	19.81	19.83	19.78		
5	256QAM	1	24	19.83	19.76	19.81		
5	256QAM	12	0	20.04	20.03	19.98	20.7	5
5	256QAM	12	7	19.94	19.95	19.78		
5	256QAM	12	13	19.96	20.04	19.75		
5	256QAM	25	0	19.90	20.15	20.05		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	25.10	25.13	24.88	25.7	0
3	QPSK	1	8	24.99	25.09	24.92		
3	QPSK	1	14	24.85	25.00	24.96		
3	QPSK	8	0	24.17	24.22	24.10	24.7	1
3	QPSK	8	4	24.10	24.11	24.07		
3	QPSK	8	7	23.94	24.23	24.13		
3	QPSK	15	0	23.82	23.96	23.84		
3	16QAM	1	0	23.71	23.87	23.66	24.7	1
3	16QAM	1	8	23.77	23.63	23.77		
3	16QAM	1	14	23.82	23.79	23.76		
3	16QAM	8	0	22.91	22.99	23.01	23.7	2
3	16QAM	8	4	22.78	22.83	22.94		
3	16QAM	8	7	22.90	23.03	22.96		
3	16QAM	15	0	23.00	23.23	23.11		
3	64QAM	1	0	22.71	22.91	22.89	23.7	2
3	64QAM	1	8	22.74	22.98	22.86		
3	64QAM	1	14	22.77	23.12	22.66		
3	64QAM	8	0	21.92	21.97	22.18	22.7	3
3	64QAM	8	4	21.92	22.10	21.85		
3	64QAM	8	7	21.91	21.91	21.99		
3	64QAM	15	0	21.99	22.13	22.17		
3	256QAM	1	0	19.89	20.13	19.85	20.7	5
3	256QAM	1	8	19.77	19.81	19.74		
3	256QAM	1	14	19.78	19.78	19.78		
3	256QAM	8	0	20.01	19.89	19.93	20.7	5
3	256QAM	8	4	20.01	19.98	19.84		
3	256QAM	8	7	20.03	20.10	19.81		
3	256QAM	15	0	19.94	20.14	19.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	25.10	25.15	24.90	25.7	0
1.4	QPSK	1	3	24.87	25.03	24.93		
1.4	QPSK	1	5	24.96	24.92	24.92		
1.4	QPSK	3	0	25.04	25.12	24.86		
1.4	QPSK	3	1	24.96	25.03	25.03		
1.4	QPSK	3	3	24.84	25.04	24.89		
1.4	QPSK	6	0	24.09	24.28	24.13	24.7	1
1.4	16QAM	1	0	24.16	24.11	24.11	24.7	1
1.4	16QAM	1	3	24.01	24.26	24.06		
1.4	16QAM	1	5	23.89	24.01	23.77		
1.4	16QAM	3	0	23.71	23.88	23.66		
1.4	16QAM	3	1	23.71	23.68	23.70		
1.4	16QAM	3	3	23.70	23.76	23.78		
1.4	16QAM	6	0	22.87	22.99	23.06	23.7	2
1.4	64QAM	1	0	22.83	22.77	22.87	23.7	2
1.4	64QAM	1	3	22.80	22.94	23.02		
1.4	64QAM	1	5	22.93	23.22	23.10		
1.4	64QAM	3	0	22.83	22.85	22.88		
1.4	64QAM	3	1	22.83	23.00	22.85		
1.4	64QAM	3	3	22.67	23.03	22.63		
1.4	64QAM	6	0	21.83	21.96	21.90	22.7	3
1.4	256QAM	1	0	19.92	20.02	19.74	20.7	5
1.4	256QAM	1	3	19.77	19.83	19.79		
1.4	256QAM	1	5	19.86	19.78	19.77		
1.4	256QAM	3	0	19.92	19.90	19.96		
1.4	256QAM	3	1	19.88	19.94	19.87		
1.4	256QAM	3	3	19.97	20.02	19.89		
1.4	256QAM	6	0	20.05	20.13	20.03	20.7	5

Band 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.89	24.97	24.80	25.7	0
20	QPSK	1	49	24.82	24.85	24.88		
20	QPSK	1	99	24.84	24.84	24.80		
20	QPSK	50	0	24.03	24.18	24.04	24.7	1
20	QPSK	50	24	23.96	23.97	23.97		
20	QPSK	50	50	23.84	23.98	24.02		
20	QPSK	100	0	23.73	23.81	23.62		
20	16QAM	1	0	23.60	23.70	23.60	24.7	1
20	16QAM	1	49	23.61	23.54	23.62		
20	16QAM	1	99	23.54	23.80	23.63		
20	16QAM	50	0	22.76	22.76	22.78	23.7	2
20	16QAM	50	24	22.70	22.70	22.72		
20	16QAM	50	50	22.65	22.84	22.81		
20	16QAM	100	0	22.85	23.14	23.00		
20	64QAM	1	0	22.62	22.76	22.67	23.7	2
20	64QAM	1	49	22.56	22.81	22.64		
20	64QAM	1	99	22.55	22.89	22.54		
20	64QAM	50	0	21.67	21.93	21.90	22.7	3
20	64QAM	50	24	21.63	21.88	21.71		
20	64QAM	50	50	21.75	21.81	21.72		
20	64QAM	100	0	21.88	22.08	22.01		
20	256QAM	1	0	19.70	19.92	19.58	20.7	5
20	256QAM	1	49	19.63	19.74	19.67		
20	256QAM	1	99	19.67	19.72	19.57		
20	256QAM	50	0	19.79	19.86	19.85	20.7	5
20	256QAM	50	24	19.87	19.75	19.70		
20	256QAM	50	50	19.80	19.85	19.73		
20	256QAM	100	0	19.89	19.94	19.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.77	24.84	24.72	25.7	0
15	QPSK	1	37	24.80	24.82	24.71		
15	QPSK	1	74	24.74	24.76	24.77		
15	QPSK	36	0	23.92	24.06	23.95	24.7	1
15	QPSK	36	20	23.92	23.82	23.80		
15	QPSK	36	39	23.75	23.88	23.89		
15	QPSK	75	0	23.70	23.74	23.45		
15	16QAM	1	0	23.55	23.59	23.42	24.7	1
15	16QAM	1	37	23.52	23.51	23.54		
15	16QAM	1	74	23.40	23.73	23.47		
15	16QAM	36	0	22.63	22.65	22.64	23.7	2
15	16QAM	36	20	22.61	22.67	22.59		
15	16QAM	36	39	22.48	22.79	22.66		
15	16QAM	75	0	22.76	23.10	22.92		
15	64QAM	1	0	22.50	22.65	22.64	23.7	2
15	64QAM	1	37	22.38	22.77	22.59		
15	64QAM	1	74	22.45	22.77	22.36		
15	64QAM	36	0	21.60	21.88	21.81	22.7	3
15	64QAM	36	20	21.47	21.77	21.54		
15	64QAM	36	39	21.66	21.65	21.54		
15	64QAM	75	0	21.80	22.00	21.94		
15	256QAM	1	0	19.60	19.80	19.45	20.7	5
15	256QAM	1	37	19.51	19.70	19.58		
15	256QAM	1	74	19.56	19.54	19.48		
15	256QAM	36	0	19.75	19.68	19.83	20.7	5
15	256QAM	36	20	19.74	19.59	19.58		
15	256QAM	36	39	19.69	19.81	19.69		
15	256QAM	75	0	19.78	19.85	19.76		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.85	24.84	24.73	25.7	0
10	QPSK	1	25	24.74	24.69	24.84		
10	QPSK	1	49	24.74	24.76	24.69		
10	QPSK	25	0	23.98	24.03	23.92	24.7	1
10	QPSK	25	12	23.82	23.83	23.87		
10	QPSK	25	25	23.75	23.96	23.98		
10	QPSK	50	0	23.58	23.71	23.58		
10	16QAM	1	0	23.46	23.63	23.46	24.7	1
10	16QAM	1	25	23.44	23.42	23.49		
10	16QAM	1	49	23.46	23.77	23.47		
10	16QAM	25	0	22.66	22.72	22.60	23.7	2
10	16QAM	25	12	22.57	22.58	22.61		
10	16QAM	25	25	22.60	22.76	22.65		
10	16QAM	50	0	22.78	22.99	22.95		
10	64QAM	1	0	22.49	22.68	22.61	23.7	2
10	64QAM	1	25	22.43	22.69	22.48		
10	64QAM	1	49	22.44	22.76	22.42		
10	64QAM	25	0	21.62	21.88	21.79	22.7	3
10	64QAM	25	12	21.59	21.76	21.68		
10	64QAM	25	25	21.71	21.67	21.68		
10	64QAM	50	0	21.77	22.06	21.95		
10	256QAM	1	0	19.54	19.78	19.51	20.7	5
10	256QAM	1	25	19.50	19.65	19.63		
10	256QAM	1	49	19.56	19.67	19.42		
10	256QAM	25	0	19.68	19.73	19.82	20.7	5
10	256QAM	25	12	19.84	19.60	19.57		
10	256QAM	25	25	19.67	19.75	19.62		
10	256QAM	50	0	19.83	19.79	19.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.84	24.83	24.62	25.7	0
5	QPSK	1	12	24.73	24.71	24.70		
5	QPSK	1	24	24.76	24.73	24.72		
5	QPSK	12	0	23.87	24.13	23.90	24.7	1
5	QPSK	12	7	23.93	23.90	23.82		
5	QPSK	12	13	23.72	23.82	23.88		
5	QPSK	25	0	23.63	23.67	23.55		
5	16QAM	1	0	23.56	23.57	23.44	24.7	1
5	16QAM	1	12	23.53	23.42	23.56		
5	16QAM	1	24	23.37	23.66	23.50		
5	16QAM	12	0	22.71	22.67	22.71	23.7	2
5	16QAM	12	7	22.67	22.65	22.69		
5	16QAM	12	13	22.50	22.80	22.68		
5	16QAM	25	0	22.72	23.04	22.84		
5	64QAM	1	0	22.50	22.61	22.60	23.7	2
5	64QAM	1	12	22.47	22.63	22.58		
5	64QAM	1	24	22.50	22.81	22.48		
5	64QAM	12	0	21.64	21.77	21.78	22.7	3
5	64QAM	12	7	21.56	21.82	21.61		
5	64QAM	12	13	21.62	21.70	21.55		
5	64QAM	25	0	21.70	21.93	21.89		
5	256QAM	1	0	19.65	19.78	19.52	20.7	5
5	256QAM	1	12	19.47	19.56	19.55		
5	256QAM	1	24	19.54	19.60	19.47		
5	256QAM	12	0	19.67	19.77	19.82	20.7	5
5	256QAM	12	7	19.72	19.71	19.68		
5	256QAM	12	13	19.76	19.77	19.61		
5	256QAM	25	0	19.75	19.89	19.68		

Band 25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.59	24.62	24.44	25.5	0
20	QPSK	1	49	24.50	24.49	24.50		
20	QPSK	1	99	24.39	24.49	24.43		
20	QPSK	50	0	23.71	23.75	23.72	24.5	1
20	QPSK	50	24	23.54	23.58	23.57		
20	QPSK	50	50	23.56	23.66	23.66		
20	QPSK	100	0	23.34	23.44	23.28		
20	16QAM	1	0	23.26	23.42	23.32	24.5	1
20	16QAM	1	49	23.27	23.21	23.24		
20	16QAM	1	99	23.17	23.42	23.27		
20	16QAM	50	0	22.45	22.45	22.47	23.5	2
20	16QAM	50	24	22.27	22.37	22.45		
20	16QAM	50	50	22.32	22.44	22.41		
20	16QAM	100	0	22.54	22.76	22.64		
20	64QAM	1	0	22.29	22.51	22.38	23.5	2
20	64QAM	1	49	22.24	22.49	22.29		
20	64QAM	1	99	22.21	22.58	22.15		
20	64QAM	50	0	21.41	21.53	21.59	22.5	3
20	64QAM	50	24	21.37	21.50	21.33		
20	64QAM	50	50	21.36	21.44	21.43		
20	64QAM	100	0	21.53	21.68	21.55		
20	256QAM	1	0	19.41	19.51	19.27	20.5	5
20	256QAM	1	49	19.35	19.39	19.38		
20	256QAM	1	99	19.25	19.29	19.22		
20	256QAM	50	0	19.49	19.47	19.47	20.5	5
20	256QAM	50	24	19.48	19.43	19.34		
20	256QAM	50	50	19.46	19.57	19.37		
20	256QAM	100	0	19.55	19.54	19.41		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.44	24.46	24.29	25.5	0
15	QPSK	1	37	24.42	24.44	24.32		
15	QPSK	1	74	24.23	24.33	24.31		
15	QPSK	36	0	23.66	23.70	23.61	24.5	1
15	QPSK	36	20	23.43	23.46	23.53		
15	QPSK	36	39	23.41	23.57	23.52		
15	QPSK	75	0	23.20	23.28	23.11		
15	16QAM	1	0	23.20	23.33	23.27	24.5	1
15	16QAM	1	37	23.13	23.05	23.07		
15	16QAM	1	74	23.11	23.29	23.13		
15	16QAM	36	0	22.35	22.43	22.29	23.5	2
15	16QAM	36	20	22.22	22.30	22.41		
15	16QAM	36	39	22.23	22.35	22.29		
15	16QAM	75	0	22.50	22.68	22.52		
15	64QAM	1	0	22.12	22.38	22.33	23.5	2
15	64QAM	1	37	22.17	22.38	22.27		
15	64QAM	1	74	22.08	22.50	22.10		
15	64QAM	36	0	21.32	21.36	21.42	22.5	3
15	64QAM	36	20	21.20	21.33	21.31		
15	64QAM	36	39	21.31	21.40	21.29		
15	64QAM	75	0	21.48	21.64	21.40		
15	256QAM	1	0	19.23	19.38	19.19	20.5	5
15	256QAM	1	37	19.33	19.28	19.23		
15	256QAM	1	74	19.16	19.26	19.11		
15	256QAM	36	0	19.45	19.41	19.35	20.5	5
15	256QAM	36	20	19.43	19.28	19.31		
15	256QAM	36	39	19.38	19.51	19.22		
15	256QAM	75	0	19.45	19.43	19.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.53	24.44	24.40	25.5	0
10	QPSK	1	25	24.45	24.44	24.47		
10	QPSK	1	49	24.30	24.44	24.40		
10	QPSK	25	0	23.53	23.58	23.65	24.5	1
10	QPSK	25	12	23.38	23.50	23.42		
10	QPSK	25	25	23.46	23.56	23.49		
10	QPSK	50	0	23.18	23.35	23.21		
10	16QAM	1	0	23.16	23.37	23.28	24.5	1
10	16QAM	1	25	23.22	23.05	23.17		
10	16QAM	1	49	23.08	23.39	23.14		
10	16QAM	25	0	22.36	22.28	22.42	23.5	2
10	16QAM	25	12	22.17	22.24	22.35		
10	16QAM	25	25	22.16	22.40	22.28		
10	16QAM	50	0	22.44	22.74	22.54		
10	64QAM	1	0	22.26	22.39	22.35	23.5	2
10	64QAM	1	25	22.17	22.31	22.19		
10	64QAM	1	49	22.11	22.41	22.01		
10	64QAM	25	0	21.27	21.43	21.50	22.5	3
10	64QAM	25	12	21.31	21.43	21.26		
10	64QAM	25	25	21.27	21.41	21.25		
10	64QAM	50	0	21.45	21.61	21.38		
10	256QAM	1	0	19.32	19.39	19.11	20.5	5
10	256QAM	1	25	19.29	19.24	19.30		
10	256QAM	1	49	19.19	19.14	19.19		
10	256QAM	25	0	19.34	19.35	19.41	20.5	5
10	256QAM	25	12	19.30	19.30	19.20		
10	256QAM	25	25	19.42	19.48	19.33		
10	256QAM	50	0	19.49	19.37	19.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.51	24.47	24.29	25.5	0
5	QPSK	1	12	24.47	24.37	24.36		
5	QPSK	1	24	24.25	24.42	24.39		
5	QPSK	12	0	23.58	23.64	23.57	24.5	1
5	QPSK	12	7	23.37	23.54	23.52		
5	QPSK	12	13	23.40	23.61	23.57		
5	QPSK	25	0	23.23	23.33	23.21		
5	16QAM	1	0	23.19	23.28	23.24	24.5	1
5	16QAM	1	12	23.18	23.11	23.12		
5	16QAM	1	24	23.04	23.32	23.16		
5	16QAM	12	0	22.39	22.32	22.32	23.5	2
5	16QAM	12	7	22.13	22.26	22.30		
5	16QAM	12	13	22.15	22.31	22.24		
5	16QAM	25	0	22.39	22.62	22.49		
5	64QAM	1	0	22.22	22.39	22.21	23.5	2
5	64QAM	1	12	22.19	22.33	22.27		
5	64QAM	1	24	22.18	22.46	22.10		
5	64QAM	12	0	21.25	21.38	21.53	22.5	3
5	64QAM	12	7	21.31	21.44	21.23		
5	64QAM	12	13	21.19	21.31	21.36		
5	64QAM	25	0	21.41	21.54	21.49		
5	256QAM	1	0	19.32	19.42	19.12	20.5	5
5	256QAM	1	12	19.25	19.29	19.28		
5	256QAM	1	24	19.12	19.19	19.16		
5	256QAM	12	0	19.43	19.35	19.40	20.5	5
5	256QAM	12	7	19.34	19.29	19.31		
5	256QAM	12	13	19.40	19.44	19.24		
5	256QAM	25	0	19.49	19.52	19.26		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.45	24.46	24.33	25.5	0
3	QPSK	1	8	24.40	24.38	24.41		
3	QPSK	1	14	24.17	24.28	24.31		
3	QPSK	8	0	23.59	23.52	23.50	24.5	1
3	QPSK	8	4	23.41	23.44	23.37		
3	QPSK	8	7	23.37	23.51	23.58		
3	QPSK	15	0	23.25	23.34	23.07		
3	16QAM	1	0	23.16	23.29	23.23	24.5	1
3	16QAM	1	8	23.06	23.08	23.06		
3	16QAM	1	14	23.03	23.28	23.16		
3	16QAM	8	0	22.35	22.29	22.38	23.5	2
3	16QAM	8	4	22.11	22.26	22.26		
3	16QAM	8	7	22.15	22.32	22.32		
3	16QAM	15	0	22.44	22.52	22.42		
3	64QAM	1	0	22.07	22.36	22.24	23.5	2
3	64QAM	1	8	22.12	22.41	22.13		
3	64QAM	1	14	22.04	22.42	22.04		
3	64QAM	8	0	21.32	21.32	21.41	22.5	3
3	64QAM	8	4	21.26	21.26	21.13		
3	64QAM	8	7	21.28	21.25	21.25		
3	64QAM	15	0	21.44	21.52	21.47		
3	256QAM	1	0	19.18	19.31	19.17	20.5	5
3	256QAM	1	8	19.27	19.17	19.24		
3	256QAM	1	14	19.14	19.17	19.09		
3	256QAM	8	0	19.30	19.26	19.29	20.5	5
3	256QAM	8	4	19.25	19.19	19.19		
3	256QAM	8	7	19.36	19.37	19.17		
3	256QAM	15	0	19.38	19.42	19.30		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.50	24.49	24.26	25.5	0
1.4	QPSK	1	3	24.27	24.32	24.40		
1.4	QPSK	1	5	24.21	24.36	24.32		
1.4	QPSK	3	0	24.37	24.46	24.22		
1.4	QPSK	3	1	24.29	24.27	24.29		
1.4	QPSK	3	3	24.21	24.40	24.31		
1.4	QPSK	6	0	23.55	23.62	23.58	24.5	1
1.4	16QAM	1	0	23.45	23.46	23.34	24.5	1
1.4	16QAM	1	3	23.39	23.47	23.57		
1.4	16QAM	1	5	23.25	23.29	23.14		
1.4	16QAM	3	0	23.17	23.24	23.23		
1.4	16QAM	3	1	23.03	23.00	23.10		
1.4	16QAM	3	3	22.95	23.20	23.04		
1.4	16QAM	6	0	22.25	22.35	22.29	23.5	2
1.4	64QAM	1	0	22.33	22.26	22.36	23.5	2
1.4	64QAM	1	3	22.05	22.22	22.30		
1.4	64QAM	1	5	22.13	22.23	22.28		
1.4	64QAM	3	0	22.19	22.34	22.20		
1.4	64QAM	3	1	22.02	22.40	22.06		
1.4	64QAM	3	3	22.02	22.45	21.99		
1.4	64QAM	6	0	21.20	21.36	21.25	22.5	3
1.4	256QAM	1	0	19.27	19.43	19.19	20.5	5
1.4	256QAM	1	3	19.26	19.19	19.28		
1.4	256QAM	1	5	19.09	19.16	19.00		
1.4	256QAM	3	0	19.40	19.29	19.24		
1.4	256QAM	3	1	19.30	19.20	19.25		
1.4	256QAM	3	3	19.31	19.33	19.15		
1.4	256QAM	6	0	19.37	19.45	19.20	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	25.02	25.33	24.90	25.7	0
20	QPSK	1	49	24.98	25.25	25.05		
20	QPSK	1	99	25.00	25.21	24.93		
20	QPSK	50	0	24.13	24.56	24.20	24.7	1
20	QPSK	50	24	24.09	24.36	24.07		
20	QPSK	50	50	23.99	24.42	24.11		
20	QPSK	100	0	23.92	24.20	23.82		
20	16QAM	1	0	23.74	24.17	23.87	24.7	1
20	16QAM	1	49	23.71	23.95	23.69		
20	16QAM	1	99	23.78	24.10	23.83		
20	16QAM	50	0	22.88	23.18	22.91	23.7	2
20	16QAM	50	24	22.81	23.15	22.94		
20	16QAM	50	50	22.81	23.26	22.91		
20	16QAM	100	0	22.96	23.53	23.16		
20	64QAM	1	0	22.84	23.17	22.82	23.7	2
20	64QAM	1	49	22.80	23.21	22.82		
20	64QAM	1	99	22.75	23.29	22.68		
20	64QAM	50	0	21.90	22.28	22.12	22.7	3
20	64QAM	50	24	21.85	22.22	21.86		
20	64QAM	50	50	21.89	22.22	21.86		
20	64QAM	100	0	21.99	22.47	22.16		
20	256QAM	1	0	19.84	20.32	19.81	20.7	5
20	256QAM	1	49	19.85	20.11	19.86		
20	256QAM	1	99	19.79	20.10	19.69		
20	256QAM	50	0	19.92	20.30	19.99	20.7	5
20	256QAM	50	24	20.02	20.17	19.89		
20	256QAM	50	50	19.96	20.33	19.83		
20	256QAM	100	0	20.02	20.31	19.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.86	25.01	24.72	25.7	0
15	QPSK	1	37	24.82	24.93	24.88		
15	QPSK	1	74	24.91	24.85	24.78		
15	QPSK	36	0	24.10	24.21	24.03	24.7	1
15	QPSK	36	20	23.95	23.98	23.98		
15	QPSK	36	39	23.93	24.03	24.06		
15	QPSK	75	0	23.81	23.87	23.72		
15	16QAM	1	0	23.70	23.76	23.78	24.7	1
15	16QAM	1	37	23.54	23.58	23.54		
15	16QAM	1	74	23.61	23.70	23.67		
15	16QAM	36	0	22.71	22.86	22.88	23.7	2
15	16QAM	36	20	22.74	22.76	22.77		
15	16QAM	36	39	22.68	22.93	22.88		
15	16QAM	75	0	22.83	23.11	23.02		
15	64QAM	1	0	22.79	22.90	22.73	23.7	2
15	64QAM	1	37	22.74	22.82	22.80		
15	64QAM	1	74	22.57	22.97	22.64		
15	64QAM	36	0	21.76	21.98	22.09	22.7	3
15	64QAM	36	20	21.80	21.89	21.73		
15	64QAM	36	39	21.87	21.94	21.72		
15	64QAM	75	0	21.87	22.15	22.05		
15	256QAM	1	0	19.70	20.02	19.70	20.7	5
15	256QAM	1	37	19.69	19.75	19.76		
15	256QAM	1	74	19.74	19.74	19.54		
15	256QAM	36	0	19.85	19.99	19.82	20.7	5
15	256QAM	36	20	19.95	19.87	19.72		
15	256QAM	36	39	19.81	19.98	19.71		
15	256QAM	75	0	19.85	20.00	19.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.97	24.91	24.74	25.7	0
10	QPSK	1	25	24.89	24.84	25.02		
10	QPSK	1	49	24.89	24.87	24.75		
10	QPSK	25	0	23.96	24.26	24.03	24.7	1
10	QPSK	25	12	23.94	23.95	23.90		
10	QPSK	25	25	23.83	24.09	24.05		
10	QPSK	50	0	23.81	23.86	23.79		
10	16QAM	1	0	23.58	23.85	23.79	24.7	1
10	16QAM	1	25	23.56	23.68	23.65		
10	16QAM	1	49	23.65	23.75	23.74		
10	16QAM	25	0	22.76	22.79	22.81	23.7	2
10	16QAM	25	12	22.73	22.83	22.85		
10	16QAM	25	25	22.79	22.88	22.80		
10	16QAM	50	0	22.87	23.15	23.07		
10	64QAM	1	0	22.75	22.78	22.77	23.7	2
10	64QAM	1	25	22.76	22.82	22.74		
10	64QAM	1	49	22.71	22.99	22.54		
10	64QAM	25	0	21.75	21.90	22.03	22.7	3
10	64QAM	25	12	21.79	21.89	21.78		
10	64QAM	25	25	21.73	21.89	21.73		
10	64QAM	50	0	21.93	22.19	22.06		
10	256QAM	1	0	19.76	20.02	19.64	20.7	5
10	256QAM	1	25	19.77	19.82	19.76		
10	256QAM	1	49	19.71	19.80	19.63		
10	256QAM	25	0	19.87	19.88	19.82	20.7	5
10	256QAM	25	12	19.98	19.76	19.75		
10	256QAM	25	25	19.93	20.05	19.74		
10	256QAM	50	0	19.85	20.03	19.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.91	24.91	24.73	25.7	0
5	QPSK	1	12	24.82	24.91	24.97		
5	QPSK	1	24	24.85	24.81	24.86		
5	QPSK	12	0	24.02	24.22	24.04	24.7	1
5	QPSK	12	7	23.93	24.02	23.90		
5	QPSK	12	13	23.85	24.13	23.93		
5	QPSK	25	0	23.80	23.79	23.65		
5	16QAM	1	0	23.67	23.81	23.78	24.7	1
5	16QAM	1	12	23.58	23.66	23.54		
5	16QAM	1	24	23.69	23.67	23.73		
5	16QAM	12	0	22.74	22.84	22.88	23.7	2
5	16QAM	12	7	22.73	22.86	22.78		
5	16QAM	12	13	22.78	22.97	22.82		
5	16QAM	25	0	22.82	23.24	23.05		
5	64QAM	1	0	22.69	22.81	22.73	23.7	2
5	64QAM	1	12	22.70	22.94	22.70		
5	64QAM	1	24	22.69	22.94	22.63		
5	64QAM	12	0	21.85	21.93	21.95	22.7	3
5	64QAM	12	7	21.70	21.88	21.68		
5	64QAM	12	13	21.80	21.83	21.70		
5	64QAM	25	0	21.82	22.04	22.09		
5	256QAM	1	0	19.75	19.99	19.71	20.7	5
5	256QAM	1	12	19.68	19.74	19.73		
5	256QAM	1	24	19.63	19.77	19.56		
5	256QAM	12	0	19.87	19.95	19.91	20.7	5
5	256QAM	12	7	19.93	19.83	19.76		
5	256QAM	12	13	19.80	19.91	19.77		
5	256QAM	25	0	19.86	19.94	19.92		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.87	24.93	24.75	25.7	0
3	QPSK	1	8	24.96	24.91	24.97		
3	QPSK	1	14	24.93	24.90	24.75		
3	QPSK	8	0	24.06	24.20	24.13	24.7	1
3	QPSK	8	4	23.93	23.94	23.98		
3	QPSK	8	7	23.82	24.01	23.95		
3	QPSK	15	0	23.83	23.82	23.69		
3	16QAM	1	0	23.56	23.84	23.74	24.7	1
3	16QAM	1	8	23.63	23.59	23.63		
3	16QAM	1	14	23.63	23.68	23.66		
3	16QAM	8	0	22.75	22.81	22.87	23.7	2
3	16QAM	8	4	22.75	22.84	22.81		
3	16QAM	8	7	22.73	22.95	22.82		
3	16QAM	15	0	22.83	23.22	23.12		
3	64QAM	1	0	22.80	22.81	22.80	23.7	2
3	64QAM	1	8	22.77	22.83	22.72		
3	64QAM	1	14	22.64	22.93	22.56		
3	64QAM	8	0	21.83	22.00	21.95	22.7	3
3	64QAM	8	4	21.74	21.88	21.75		
3	64QAM	8	7	21.75	21.92	21.79		
3	64QAM	15	0	21.87	22.11	22.00		
3	256QAM	1	0	19.80	19.97	19.75	20.7	5
3	256QAM	1	8	19.82	19.80	19.76		
3	256QAM	1	14	19.68	19.73	19.52		
3	256QAM	8	0	19.76	19.94	19.84	20.7	5
3	256QAM	8	4	19.92	19.82	19.72		
3	256QAM	8	7	19.92	19.94	19.67		
3	256QAM	15	0	19.85	19.94	19.78		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.92	24.93	24.87	25.7	0
1.4	QPSK	1	3	24.89	24.91	24.87		
1.4	QPSK	1	5	24.89	24.88	24.81		
1.4	QPSK	3	0	24.96	24.92	24.80		
1.4	QPSK	3	1	24.96	24.96	24.91		
1.4	QPSK	3	3	24.93	24.93	24.79		
1.4	QPSK	6	0	24.05	24.16	24.12	24.7	1
1.4	16QAM	1	0	23.94	24.06	23.91	24.7	1
1.4	16QAM	1	3	23.86	24.13	23.93		
1.4	16QAM	1	5	23.81	23.85	23.70		
1.4	16QAM	3	0	23.58	23.80	23.75		
1.4	16QAM	3	1	23.66	23.56	23.59		
1.4	16QAM	3	3	23.62	23.72	23.68		
1.4	16QAM	6	0	22.85	22.80	22.85	23.7	2
1.4	64QAM	1	0	22.71	22.76	22.81	23.7	2
1.4	64QAM	1	3	22.69	22.91	22.76		
1.4	64QAM	1	5	22.88	23.14	23.06		
1.4	64QAM	3	0	22.77	22.89	22.79		
1.4	64QAM	3	1	22.76	22.81	22.74		
1.4	64QAM	3	3	22.65	22.95	22.56		
1.4	64QAM	6	0	21.77	21.89	22.04	22.7	3
1.4	256QAM	1	0	19.69	19.96	19.67	20.7	5
1.4	256QAM	1	3	19.69	19.73	19.71		
1.4	256QAM	1	5	19.76	19.79	19.60		
1.4	256QAM	3	0	19.80	19.96	19.87		
1.4	256QAM	3	1	20.00	19.82	19.74		
1.4	256QAM	3	3	19.79	19.94	19.73		
1.4	256QAM	6	0	19.97	20.00	19.83	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	25.17	25.28	25.01			
20	QPSK	1	49	25.12	25.11	25.20		25.7	0
20	QPSK	1	99	25.17	25.10	25.07			
20	QPSK	50	0	24.31	24.49	24.38			
20	QPSK	50	24	24.17	24.34	24.16		24.7	1
20	QPSK	50	50	24.19	24.32	24.33			
20	QPSK	100	0	24.11	24.19	23.92			
20	16QAM	1	0	23.92	24.07	23.93			
20	16QAM	1	49	23.97	23.91	23.91		24.7	1
20	16QAM	1	99	23.87	24.10	24.00			
20	16QAM	50	0	23.03	23.16	23.14			
20	16QAM	50	24	22.94	23.01	23.01		23.7	2
20	16QAM	50	50	22.96	23.18	23.08			
20	16QAM	100	0	23.16	23.45	23.25			
20	64QAM	1	0	22.93	23.15	22.95			
20	64QAM	1	49	22.92	23.12	23.00		23.7	2
20	64QAM	1	99	22.85	23.23	22.77			
20	64QAM	50	0	22.01	22.28	22.24			
20	64QAM	50	24	21.97	22.13	22.01		22.7	3
20	64QAM	50	50	22.00	22.12	22.06			
20	64QAM	100	0	22.14	22.35	22.20			
20	256QAM	1	0	20.04	20.25	20.00			
20	256QAM	1	49	19.98	20.04	19.93		20.7	5
20	256QAM	1	99	19.96	20.01	19.94			
20	256QAM	50	0	20.17	20.11	20.08			
20	256QAM	50	24	20.16	20.17	20.02		20.7	5
20	256QAM	50	50	20.07	20.20	20.07			
20	256QAM	100	0	20.18	20.27	20.10			
Channel				37825	38000	38175		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	25.13	25.25	24.90			
15	QPSK	1	37	25.07	24.94	25.18		25.7	0
15	QPSK	1	74	25.01	25.01	24.91			
15	QPSK	36	0	24.17	24.45	24.29			
15	QPSK	36	20	24.05	24.20	24.11		24.7	1
15	QPSK	36	39	24.10	24.19	24.25			
15	QPSK	75	0	23.98	24.13	23.78			
15	16QAM	1	0	23.88	23.92	23.83			
15	16QAM	1	37	23.82	23.80	23.87		24.7	1
15	16QAM	1	74	23.85	24.07	23.95			
15	16QAM	36	0	22.85	23.08	23.01			
15	16QAM	36	20	22.82	22.88	22.89		23.7	2
15	16QAM	36	39	22.86	23.05	22.92			
15	16QAM	75	0	23.12	23.40	23.12			
15	64QAM	1	0	22.87	23.02	22.97			
15	64QAM	1	37	22.77	22.90	22.96		23.7	2
15	64QAM	1	74	22.81	23.03	22.93			
15	64QAM	36	0	21.96	22.18	22.21			
15	64QAM	36	20	21.83	22.10	21.95		22.7	3
15	64QAM	36	39	21.97	21.95	21.97			
15	64QAM	75	0	22.01	22.30	22.10			
15	256QAM	1	0	19.92	20.19	19.95			
15	256QAM	1	37	19.90	19.97	19.75		20.7	5
15	256QAM	1	74	19.93	19.98	19.78			
15	256QAM	36	0	20.06	20.09	19.99			
15	256QAM	36	20	20.08	20.08	19.85		20.7	5
15	256QAM	36	39	19.95	20.16	19.92			
15	256QAM	75	0	20.14	20.23	20.06			
Channel				37800	38000	38200		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	25.04	25.15	24.84			
10	QPSK	1	25	24.97	24.97	25.12		25.7	0
10	QPSK	1	49	25.12	24.98	24.92			
10	QPSK	25	0	24.28	24.44	24.36			
10	QPSK	25	12	24.05	24.19	24.12		24.7	1
10	QPSK	25	25	24.10	24.24	24.24			
10	QPSK	50	0	23.96	24.02	23.84			
10	16QAM	1	0	23.86	24.04	23.81			
10	16QAM	1	25	23.94	23.79	23.86		24.7	1
10	16QAM	1	49	23.80	23.94	23.85			
10	16QAM	25	0	22.91	23.00	23.09			
10	16QAM	25	12	22.91	22.83	22.91		23.7	2
10	16QAM	25	25	22.79	23.10	23.01			
10	16QAM	50	0	23.13	23.28	23.21			
10	64QAM	1	0	22.84	23.07	22.85			
10	64QAM	1	25	22.77	22.99	22.83		23.7	2
10	64QAM	1	49	22.67	23.07	22.59			
10	64QAM	25	0	21.92	22.12	22.15			
10	64QAM	25	12	21.94	22.09	21.85		22.7	3
10	64QAM	25	25	21.92	22.07	21.95			
10	64QAM	50	0	22.04	22.18	22.10			
10	256QAM	1	0	19.93	20.08	19.93			
10	256QAM	1	25	19.88	19.92	19.81		20.7	5
10	256QAM	1	49	19.91	19.98	19.84			
10	256QAM	25	0	20.04	20.01	20.04			
10	256QAM	25	12	20.09	20.06	19.88		20.7	5
10	256QAM	25	25	19.97	20.03	19.94			
10	256QAM	50	0	20.11	20.22	19.95			
Channel				37775	38000	38225		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	25.03	25.19	24.95			
5	QPSK	1	12	25.04	24.98	25.08		25.7	0
5	QPSK	1	24	25.04	25.03	24.94			
5	QPSK	12	0	24.27	24.34	24.31			
5	QPSK	12	7	24.10	24.27	24.14		24.7	1
5	QPSK	12	13	24.10	24.27	24.18			
5	QPSK	25	0	23.95	24.07	23.83			
5	16QAM	1	0	23.90	23.94	23.76			
5	16QAM	1	12	23.88	23.86	23.73		24.7	1
5	16QAM	1	24	23.71	24.06	23.84			
5	16QAM	12	0	22.87	23.11	22.96			
5	16QAM	12	7	22.77	22.95	22.91		23.7	2
5	16QAM	12	13	22.94	23.03	22.95			
5	16QAM	25	0	22.99	23.40	23.20			
5	64QAM	1	0	22.84	23.09	22.80			
5	64QAM	1	12	22.89	23.09	22.85		23.7	2
5	64QAM	1	24	22.73	23.11	22.69			
5	64QAM	12	0	21.89	22.19	22.08			
5	64QAM	12	7	21.82	22.02	21.85		22.7	3
5	64QAM	12	13	21.83	21.96	22.01			
5	64QAM	25	0	22.05	22.30	22.09			
5	256QAM	1	0	19.91	20.08	19.82			
5	256QAM	1	12	19.95	19.94	19.85		20.7	5
5	256QAM	1	24	19.93	19.90	19.78			
5	256QAM	12	0	20.08	20.00	19.91			
5	256QAM	12	7	19.98	20.06	19.91		20.7	5
5	256QAM	12	13	19.96	20.02	19.94			
5	256QAM	25	0	20.05	20.15	19.94			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.18	25.21	25.23	25.04	25.09		
20	QPSK	1	49	25.11	25.05	25.16	25.18	25.16	25.7	0
20	QPSK	1	99	25.07	25.07	25.04	25.10	25.15		
20	QPSK	50	0	24.29	24.29	24.49	24.30	24.29		
20	QPSK	50	24	24.28	24.19	24.24	24.21	24.27	24.7	1
20	QPSK	50	50	24.23	24.21	24.33	24.22	24.28		
20	QPSK	100	0	24.11	24.06	24.13	23.89	23.95		
20	16QAM	1	0	24.02	23.96	24.06	23.91	23.97		
20	16QAM	1	49	23.98	23.93	23.84	23.82	23.97	24.7	1
20	16QAM	1	99	23.86	23.87	24.01	23.98	23.96		
20	16QAM	50	0	23.11	23.03	23.03	23.10	23.17		
20	16QAM	50	24	23.02	22.96	22.99	23.10	23.14	23.7	2
20	16QAM	50	50	22.97	22.98	23.12	23.04	23.14		
20	16QAM	100	0	23.22	23.10	23.41	23.26	23.26		
20	64QAM	1	0	22.94	22.88	23.07	22.95	23.02		
20	64QAM	1	49	22.96	22.89	23.02	22.92	22.97	23.7	2
20	64QAM	1	99	22.86	22.85	23.23	22.82	22.84		
20	64QAM	50	0	21.98	21.99	22.22	22.19	22.26		
20	64QAM	50	24	21.94	21.98	22.09	22.07	22.08	22.7	3
20	64QAM	50	50	22.06	22.00	22.05	21.99	22.09		
20	64QAM	100	0	22.13	22.09	22.30	22.27	22.30		
20	256QAM	1	0	20.08	20.01	20.22	19.86	20.00		
20	256QAM	1	49	19.99	19.90	20.07	19.97	19.96	20.7	5
20	256QAM	1	99	19.98	19.97	19.89	19.84	19.95		
20	256QAM	50	0	20.14	20.16	20.15	20.13	20.16		
20	256QAM	50	24	20.18	20.08	20.10	19.97	20.04	20.7	5
20	256QAM	50	50	20.16	20.06	20.14	19.95	20.06		
20	256QAM	100	0	20.19	20.21	20.14	20.10	20.11		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.11	25.18	25.20	24.99	24.94		
15	QPSK	1	37	25.00	25.01	25.11	25.15	24.99	26	0
15	QPSK	1	74	24.90	24.90	24.97	25.05	25.07		
15	QPSK	36	0	24.27	24.13	24.35	24.25	24.26		
15	QPSK	36	20	24.14	24.11	24.12	24.10	24.11	24.7	1
15	QPSK	36	39	24.14	24.10	24.24	24.17	24.14		
15	QPSK	75	0	23.96	23.88	23.95	23.72	23.91		
15	16QAM	1	0	23.88	23.90	23.90	23.80	23.89		
15	16QAM	1	37	23.95	23.91	23.71	23.73	23.91	24.7	1
15	16QAM	1	74	23.71	23.72	23.89	23.82	23.90		
15	16QAM	36	0	23.04	22.89	22.89	23.04	23.05		
15	16QAM	36	20	22.87	22.87	22.93	23.03	22.99	23.7	2
15	16QAM	36	39	22.79	22.85	23.06	23.02	23.04		
15	16QAM	75	0	23.08	23.02	23.28	23.11	23.17		
15	64QAM	1	0	22.81	22.76	23.03	22.87	22.98		
15	64QAM	1	37	22.86	22.76	23.00	22.75	22.92	23.7	2
15	64QAM	1	74	22.78	22.77	23.19	22.71	22.81		
15	64QAM	36	0	21.93	21.94	22.18	22.06	22.23		
15	64QAM	36	20	21.78	21.85	22.03	21.90	22.01	22.7	3
15	64QAM	36	39	22.02	21.98	21.97	21.94	22.02		
15	64QAM	75	0	22.09	21.94	22.27	22.11	22.26		
15	256QAM	1	0	19.92	19.98	20.16	19.83	19.87		
15	256QAM	1	37	19.95	19.83	20.01	19.92	19.86	20.7	5
15	256QAM	1	74	19.88	19.89	19.77	19.71	19.84		
15	256QAM	36	0	20.00	20.07	20.01	20.06	19.98		
15	256QAM	36	20	20.04	19.94	19.99	19.83	19.95	20.7	5
15	256QAM	36	39	20.04	19.96	20.02	19.88	19.96		
15	256QAM	75	0	20.15	20.18	20.11	20.00	20.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.14	25.15	25.16	24.90	24.94		
10	QPSK	1	25	25.03	24.89	25.11	25.10	25.12	26	0
10	QPSK	1	49	24.93	24.92	24.87	24.99	25.07		
10	QPSK	25	0	24.19	24.23	24.41	24.26	24.25		
10	QPSK	25	12	24.21	24.13	24.08	24.13	24.15	24.7	1
10	QPSK	25	25	24.06	24.16	24.20	24.15	24.24		
10	QPSK	50	0	23.93	23.90	23.97	23.75	23.79		
10	16QAM	1	0	23.93	23.92	24.03	23.89	23.82		
10	16QAM	1	25	23.88	23.80	23.80	23.78	23.93	24.7	1
10	16QAM	1	49	23.74	23.79	23.90	23.85	23.87		
10	16QAM	25	0	23.02	22.86	23.00	23.01	23.13		
10	16QAM	25	12	22.99	22.80	22.87	23.08	23.03	23.7	2
10	16QAM	25	25	22.83	22.92	22.98	22.87	23.07		
10	16QAM	50	0	23.18	23.08	23.28	23.08	23.20		
10	64QAM	1	0	22.88	22.82	23.01	22.93	22.92		
10	64QAM	1	25	22.85	22.79	22.97	22.80	22.84	23.7	2
10	64QAM	1	49	22.81	22.77	23.16	22.71	22.80		
10	64QAM	25	0	21.90	21.92	22.19	22.16	22.08		
10	64QAM	25	12	21.89	21.82	22.04	22.00	21.95	22.7	3
10	64QAM	25	25	22.01	21.91	21.91	21.92	21.92		
10	64QAM	50	0	21.98	21.95	22.26	22.14	22.27		
10	256QAM	1	0	19.97	19.95	20.16	19.79	19.93		
10	256QAM	1	25	19.84	19.85	19.99	19.82	19.90	20.7	5
10	256QAM	1	49	19.87	19.91	19.79	19.77	19.92		
10	256QAM	25	0	20.06	20.05	20.11	20.03	20.06		
10	256QAM	25	12	20.04	19.97	19.97	19.89	19.86	20.7	5
10	256QAM	25	25	20.00	19.94	19.99	19.84	20.00		
10	256QAM	50	0	20.15	20.05	19.97	19.94	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.14	25.09	25.10	24.91	25.06		
5	QPSK	1	12	24.99	24.95	25.14	25.03	25.09	26	0
5	QPSK	1	24	24.92	25.00	24.99	25.03	24.97		
5	QPSK	12	0	24.25	24.18	24.42	24.22	24.17		
5	QPSK	12	7	24.15	24.06	24.08	24.13	24.23	24.7	1
5	QPSK	12	13	24.21	24.18	24.25	24.13	24.23		
5	QPSK	25	0	24.02	24.01	24.08	23.77	23.84		
5	16QAM	1	0	23.92	23.86	24.03	23.75	23.79		
5	16QAM	1	12	23.92	23.88	23.71	23.84	23.85	24.7	1
5	16QAM	1	24	23.71	23.79	23.85	23.93	23.91		
5	16QAM	12	0	23.01	22.98	23.00	22.93	23.15		
5	16QAM	12	7	22.98	22.89	22.83	22.99	22.99	23.7	2
5	16QAM	12	13	22.89	22.94	23.02	23.02	23.05		
5	16QAM	25	0	23.10	22.98	23.31	23.15	23.15		
5	64QAM	1	0	22.82	22.85	23.03	22.82	23.00		
5	64QAM	1	12	22.80	22.84	22.88	22.84	22.85	23.7	2
5	64QAM	1	24	22.73	22.78	23.06	22.80	22.68		
5	64QAM	12	0	21.86	21.94	22.13	22.07	22.23		
5	64QAM	12	7	21.84	21.86	21.91	21.99	21.96	22.7	3
5	64QAM	12	13	21.92	21.89	21.96	21.94	21.93		
5	64QAM	25	0	22.04	21.91	22.28	22.22	22.17		
5	256QAM	1	0	19.97	19.89	20.12	19.77	19.83		
5	256QAM	1	12	19.86	19.77	19.90	19.83	19.85	20.7	5
5	256QAM	1	24	19.86	19.91	19.84	19.75	19.90		
5	256QAM	12	0	20.05	20.00	20.08	19.99	19.99		
5	256QAM	12	7	20.01	19.95	19.99	19.85	20.02	20.7	5
5	256QAM	12	13	20.07	19.99	20.09	19.92	19.96		
5	256QAM	25	0	20.05	20.03	20.02	19.95	20.01		

GSM1900 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.67	29.66	29.65	31.00	20.67	20.66	20.65	22.00
GPRS 1 Tx slot	29.66	29.65	29.64	31.00	20.66	20.65	20.64	22.00
GPRS 2 Tx slots	26.77	26.78	26.77	28.00	20.77	20.78	20.77	22.00
GPRS 3 Tx slots	25.01	25.02	25.03	26.20	20.75	20.76	20.77	21.94
GPRS 4 Tx slots	23.68	23.69	23.66	25.00	20.68	20.69	20.66	22.00
EDGE 1 Tx slot	26.09	26.12	26.05	27.00	17.09	17.12	17.05	18.00
EDGE 2 Tx slots	23.67	23.76	23.70	24.00	17.67	17.76	17.70	18.00
EDGE 3 Tx slots	20.61	20.79	20.61	22.20	16.35	16.53	16.35	17.94
EDGE 4 Tx slots	20.32	20.37	20.23	21.00	17.32	17.37	17.23	18.00

WCDMA II Default

WCDMA IV Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.88	23.88	23.80	25.00	23.78	23.83	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.82	25.00	23.79	23.85	23.76	25.00
3GPP Rel 6	HSDPA Subtest-1	22.64	22.93	22.83	24.00	22.68	22.74	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.86	22.85	22.61	24.00	22.69	22.59	22.51	24.00
3GPP Rel 6	HSDPA Subtest-3	22.17	22.30	22.29	23.50	22.31	22.15	22.32	23.50
3GPP Rel 6	HSDPA Subtest-4	22.12	22.41	22.23	23.50	22.26	22.26	22.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.72	22.94	22.79	24.00	22.57	22.68	22.78	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.75	22.72	22.70	24.00	22.76	22.70	22.50	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.20	22.35	22.09	23.50	22.15	22.25	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.18	22.34	23.50	22.12	22.13	22.22	23.50
3GPP Rel 6	HSUPA Subtest-1	22.51	22.77	22.75	24.00	22.59	22.68	22.81	24.00
3GPP Rel 6	HSUPA Subtest-2	20.71	20.88	20.86	22.00	20.65	20.79	20.72	22.00
3GPP Rel 6	HSUPA Subtest-3	21.77	21.87	21.77	23.00	21.91	22.01	21.83	23.00
3GPP Rel 6	HSUPA Subtest-4	20.60	20.69	20.77	22.00	20.76	20.83	20.54	22.00
3GPP Rel 6	HSUPA Subtest-5	22.71	22.71	22.75	24.00	22.44	22.84	22.74	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.34	20.54	20.33	21.50	20.33	20.44	20.25	21.50

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.34	24.38	24.20	25.7	0
20	QPSK	1	49	24.30	24.27	24.32		
20	QPSK	1	99	24.24	24.27	24.20		
20	QPSK	50	0	23.50	23.56	23.42	24.7	1
20	QPSK	50	24	23.31	23.49	23.32		
20	QPSK	50	50	23.29	23.44	23.41		
20	QPSK	100	0	23.17	23.25	23.06		
20	16QAM	1	0	23.12	23.21	23.12	24.7	1
20	16QAM	1	49	23.06	22.95	23.01		
20	16QAM	1	99	23.01	23.19	23.11		
20	16QAM	50	0	22.17	22.30	22.27	23.7	2
20	16QAM	50	24	22.16	22.13	22.22		
20	16QAM	50	50	22.15	22.27	22.29		
20	16QAM	100	0	22.28	22.55	22.47		
20	64QAM	1	0	22.14	22.32	22.14	23.7	2
20	64QAM	1	49	22.08	22.21	22.13		
20	64QAM	1	99	22.01	22.40	22.00		
20	64QAM	50	0	21.17	21.43	21.42	22.7	3
20	64QAM	50	24	21.17	21.26	21.19		
20	64QAM	50	50	21.18	21.25	21.26		
20	64QAM	100	0	21.30	21.44	21.41		
20	256QAM	1	0	19.13	19.41	19.14	20.7	5
20	256QAM	1	49	19.07	19.26	19.11		
20	256QAM	1	99	19.07	19.11	19.06		
20	256QAM	50	0	19.22	19.25	19.25	20.7	5
20	256QAM	50	24	19.29	19.25	19.13		
20	256QAM	50	50	19.26	19.33	19.11		
20	256QAM	100	0	19.32	19.36	19.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.11	24.11	23.82	25.7	0
15	QPSK	1	37	23.95	23.99	24.01		
15	QPSK	1	74	23.99	23.96	23.86		
15	QPSK	36	0	23.20	23.31	23.06	24.7	1
15	QPSK	36	20	23.01	23.22	22.97		
15	QPSK	36	39	22.97	23.18	23.15		
15	QPSK	75	0	22.94	22.92	22.81		
15	16QAM	1	0	22.77	22.86	22.76	24.7	1
15	16QAM	1	37	22.84	22.76	22.74		
15	16QAM	1	74	22.74	22.84	22.76		
15	16QAM	36	0	21.83	21.99	21.94	23.7	2
15	16QAM	36	20	21.86	21.87	21.95		
15	16QAM	36	39	21.79	22.01	22.02		
15	16QAM	75	0	22.01	22.24	22.14		
15	64QAM	1	0	21.76	22.09	21.77	23.7	2
15	64QAM	1	37	21.73	21.90	21.81		
15	64QAM	1	74	21.75	22.13	21.96		
15	64QAM	36	0	20.86	21.15	21.09	22.7	3
15	64QAM	36	20	20.86	21.04	20.86		
15	64QAM	36	39	20.83	20.93	21.01		
15	64QAM	75	0	20.96	21.15	21.12		
15	256QAM	1	0	18.89	19.12	18.90	20.7	5
15	256QAM	1	37	18.81	18.89	18.81		
15	256QAM	1	74	18.71	18.75	18.77		
15	256QAM	36	0	18.91	18.97	18.93	20.7	5
15	256QAM	36	20	18.97	19.02	18.89		
15	256QAM	36	39	18.94	19.10	18.77		
15	256QAM	75	0	19.00	19.14	18.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.09	24.13	23.93	25.7	0
10	QPSK	1	25	24.04	23.98	24.03		
10	QPSK	1	49	23.94	23.97	23.93		
10	QPSK	25	0	23.23	23.34	23.10	24.7	1
10	QPSK	25	12	22.98	23.24	23.01		
10	QPSK	25	25	23.05	23.17	23.05		
10	QPSK	50	0	22.86	22.92	22.80		
10	16QAM	1	0	22.85	22.90	22.84	24.7	1
10	16QAM	1	25	22.82	22.86	22.77		
10	16QAM	1	49	22.78	22.85	22.85		
10	16QAM	25	0	21.91	21.94	22.01	23.7	2
10	16QAM	25	12	21.91	21.86	21.85		
10	16QAM	25	25	21.88	21.99	21.98		
10	16QAM	50	0	21.96	22.27	22.21		
10	64QAM	1	0	21.82	22.07	21.91	23.7	2
10	64QAM	1	25	21.75	21.97	21.83		
10	64QAM	1	49	21.77	22.07	21.94		
10	64QAM	25	0	20.82	21.15	21.07	22.7	3
10	64QAM	25	12	20.89	20.95	20.86		
10	64QAM	25	25	20.86	21.01	20.96		
10	64QAM	50	0	21.04	21.12	21.05		
10	256QAM	1	0	18.76	19.16	18.76	20.7	5
10	256QAM	1	25	18.80	19.03	18.80		
10	256QAM	1	49	18.75	18.87	18.81		
10	256QAM	25	0	18.89	18.99	18.95	20.7	5
10	256QAM	25	12	19.03	18.95	18.87		
10	256QAM	25	25	18.90	19.03	18.79		
10	256QAM	50	0	19.10	19.00	19.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	24.07	23.93	25.7	0
5	QPSK	1	12	23.94	23.99	23.98		
5	QPSK	1	24	23.91	23.98	23.84		
5	QPSK	12	0	23.24	23.27	23.17	24.7	1
5	QPSK	12	7	22.97	23.14	23.02		
5	QPSK	12	13	23.03	23.18	23.07		
5	QPSK	25	0	22.83	23.02	22.77		
5	16QAM	1	0	22.75	22.88	22.89	24.7	1
5	16QAM	1	12	22.71	22.81	22.74		
5	16QAM	1	24	22.73	22.94	22.86		
5	16QAM	12	0	21.82	22.03	21.94	23.7	2
5	16QAM	12	7	21.90	21.90	21.91		
5	16QAM	12	13	21.91	21.90	22.01		
5	16QAM	25	0	22.00	22.32	22.12		
5	64QAM	1	0	21.85	22.00	21.87	23.7	2
5	64QAM	1	12	21.84	21.89	21.80		
5	64QAM	1	24	21.71	22.17	21.97		
5	64QAM	12	0	20.82	21.14	21.19	22.7	3
5	64QAM	12	7	20.87	20.99	20.95		
5	64QAM	12	13	20.82	20.90	20.95		
5	64QAM	25	0	20.94	21.09	21.14		
5	256QAM	1	0	18.85	19.07	18.83	20.7	5
5	256QAM	1	12	18.70	19.01	18.86		
5	256QAM	1	24	18.78	18.86	18.74		
5	256QAM	12	0	18.90	18.88	18.92	20.7	5
5	256QAM	12	7	19.06	18.95	18.82		
5	256QAM	12	13	18.95	19.09	18.74		
5	256QAM	25	0	19.08	19.12	18.87		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.09	24.02	23.89	25.7	0
3	QPSK	1	8	24.06	23.97	24.02		
3	QPSK	1	14	23.99	23.93	23.97		
3	QPSK	8	0	23.28	23.21	23.20	24.7	1
3	QPSK	8	4	22.94	23.24	22.97		
3	QPSK	8	7	22.98	23.06	23.14		
3	QPSK	15	0	22.81	23.00	22.76		
3	16QAM	1	0	22.78	22.85	22.78	24.7	1
3	16QAM	1	8	22.74	22.85	22.76		
3	16QAM	1	14	22.77	22.85	22.83		
3	16QAM	8	0	21.80	21.93	22.04	23.7	2
3	16QAM	8	4	21.83	21.88	21.88		
3	16QAM	8	7	21.82	22.00	22.05		
3	16QAM	15	0	21.95	22.26	22.10		
3	64QAM	1	0	21.86	22.07	21.88	23.7	2
3	64QAM	1	8	21.84	21.85	21.86		
3	64QAM	1	14	21.74	22.12	21.87		
3	64QAM	8	0	20.81	21.12	21.20	22.7	3
3	64QAM	8	4	20.86	21.02	20.96		
3	64QAM	8	7	20.93	20.91	21.02		
3	64QAM	15	0	21.06	21.22	21.15		
3	256QAM	1	0	18.78	19.17	18.77	20.7	5
3	256QAM	1	8	18.78	18.92	18.80		
3	256QAM	1	14	18.75	18.84	18.83		
3	256QAM	8	0	18.92	18.90	18.89	20.7	5
3	256QAM	8	4	18.97	18.94	18.76		
3	256QAM	8	7	18.92	19.08	18.74		
3	256QAM	15	0	18.97	19.09	18.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.99	24.05	23.87	25.7	0
1.4	QPSK	1	3	24.05	24.03	24.03		
1.4	QPSK	1	5	23.89	24.00	23.89		
1.4	QPSK	3	0	24.02	24.09	23.95		
1.4	QPSK	3	1	24.00	23.95	24.06		
1.4	QPSK	3	3	23.97	23.91	23.96		
1.4	QPSK	6	0	23.18	23.23	23.07	24.7	1
1.4	16QAM	1	0	22.95	23.14	23.08	24.7	1
1.4	16QAM	1	3	22.94	23.22	23.03		
1.4	16QAM	1	5	22.91	22.97	22.83		
1.4	16QAM	3	0	22.84	22.85	22.90		
1.4	16QAM	3	1	22.78	22.88	22.70		
1.4	16QAM	3	3	22.74	22.83	22.82		
1.4	16QAM	6	0	21.90	21.98	21.92	23.7	2
1.4	64QAM	1	0	21.78	21.87	21.86	23.7	2
1.4	64QAM	1	3	21.87	21.91	22.02		
1.4	64QAM	1	5	22.00	22.18	22.24		
1.4	64QAM	3	0	21.84	22.09	21.90		
1.4	64QAM	3	1	21.75	21.98	21.88		
1.4	64QAM	3	3	21.77	22.09	21.89		
1.4	64QAM	6	0	20.86	20.87	20.99	22.7	3
1.4	256QAM	1	0	18.86	19.14	18.80	20.7	5
1.4	256QAM	1	3	18.73	19.01	18.87		
1.4	256QAM	1	5	18.76	18.76	18.77		
1.4	256QAM	3	0	18.85	18.91	19.01		
1.4	256QAM	3	1	19.05	18.92	18.81		
1.4	256QAM	3	3	18.99	19.00	18.80		
1.4	256QAM	6	0	19.03	19.01	19.01	20.7	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.79	24.81	24.63	25.7	0
20	QPSK	1	49	24.65	24.72	24.77		
20	QPSK	1	99	24.67	24.64	24.65		
20	QPSK	50	0	23.83	24.07	23.94	24.7	1
20	QPSK	50	24	23.79	23.91	23.79		
20	QPSK	50	50	23.69	23.88	23.90		
20	QPSK	100	0	23.59	23.64	23.52		
20	16QAM	1	0	23.48	23.68	23.55	24.7	1
20	16QAM	1	49	23.51	23.36	23.43		
20	16QAM	1	99	23.49	23.64	23.52		
20	16QAM	50	0	22.67	22.70	22.74	23.7	2
20	16QAM	50	24	22.58	22.61	22.64		
20	16QAM	50	50	22.54	22.73	22.65		
20	16QAM	100	0	22.71	22.96	22.89		
20	64QAM	1	0	22.52	22.64	22.52	23.7	2
20	64QAM	1	49	22.44	22.64	22.56		
20	64QAM	1	99	22.48	22.83	22.42		
20	64QAM	50	0	21.55	21.77	21.77	22.7	3
20	64QAM	50	24	21.57	21.75	21.63		
20	64QAM	50	50	21.61	21.66	21.68		
20	64QAM	100	0	21.73	21.87	21.86		
20	256QAM	1	0	19.59	19.78	19.52	20.7	5
20	256QAM	1	49	19.59	19.67	19.51		
20	256QAM	1	99	19.51	19.48	19.41		
20	256QAM	50	0	19.75	19.67	19.72	20.7	5
20	256QAM	50	24	19.74	19.67	19.61		
20	256QAM	50	50	19.61	19.82	19.54		
20	256QAM	100	0	19.76	19.81	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.54	24.56	24.41	25.7	0
15	QPSK	1	37	24.36	24.38	24.45		
15	QPSK	1	74	24.43	24.38	24.38		
15	QPSK	36	0	23.53	23.77	23.59	24.7	1
15	QPSK	36	20	23.50	23.63	23.54		
15	QPSK	36	39	23.43	23.58	23.56		
15	QPSK	75	0	23.32	23.38	23.15		
15	16QAM	1	0	23.14	23.36	23.18	24.7	1
15	16QAM	1	37	23.20	23.07	23.12		
15	16QAM	1	74	23.17	23.28	23.22		
15	16QAM	36	0	22.40	22.39	22.45	23.7	2
15	16QAM	36	20	22.27	22.25	22.38		
15	16QAM	36	39	22.20	22.49	22.42		
15	16QAM	75	0	22.40	22.71	22.55		
15	64QAM	1	0	22.13	22.31	22.14	23.7	2
15	64QAM	1	37	22.03	22.24	22.24		
15	64QAM	1	74	22.06	22.43	22.10		
15	64QAM	36	0	21.25	21.45	21.52	22.7	3
15	64QAM	36	20	21.24	21.42	21.35		
15	64QAM	36	39	21.33	21.42	21.45		
15	64QAM	75	0	21.40	21.57	21.58		
15	256QAM	1	0	19.23	19.48	19.29	20.7	5
15	256QAM	1	37	19.24	19.34	19.26		
15	256QAM	1	74	19.23	19.24	19.14		
15	256QAM	36	0	19.41	19.32	19.40	20.7	5
15	256QAM	36	20	19.46	19.38	19.33		
15	256QAM	36	39	19.25	19.44	19.21		
15	256QAM	75	0	19.41	19.48	19.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.50	24.44	24.25	25.7	0
10	QPSK	1	25	24.41	24.46	24.53		
10	QPSK	1	49	24.40	24.33	24.39		
10	QPSK	25	0	23.51	23.79	23.57	24.7	1
10	QPSK	25	12	23.50	23.58	23.53		
10	QPSK	25	25	23.38	23.62	23.66		
10	QPSK	50	0	23.36	23.42	23.17		
10	16QAM	1	0	23.20	23.30	23.23	24.7	1
10	16QAM	1	25	23.24	23.09	23.20		
10	16QAM	1	49	23.27	23.28	23.23		
10	16QAM	25	0	22.39	22.37	22.41	23.7	2
10	16QAM	25	12	22.34	22.38	22.27		
10	16QAM	25	25	22.30	22.35	22.41		
10	16QAM	50	0	22.45	22.60	22.66		
10	64QAM	1	0	22.20	22.42	22.15	23.7	2
10	64QAM	1	25	22.08	22.29	22.27		
10	64QAM	1	49	22.25	22.54	22.06		
10	64QAM	25	0	21.32	21.54	21.43	22.7	3
10	64QAM	25	12	21.19	21.47	21.30		
10	64QAM	25	25	21.27	21.41	21.38		
10	64QAM	50	0	21.36	21.51	21.61		
10	256QAM	1	0	19.32	19.48	19.26	20.7	5
10	256QAM	1	25	19.30	19.42	19.17		
10	256QAM	1	49	19.29	19.15	19.10		
10	256QAM	25	0	19.39	19.41	19.50	20.7	5
10	256QAM	25	12	19.37	19.40	19.32		
10	256QAM	25	25	19.25	19.48	19.17		
10	256QAM	50	0	19.53	19.55	19.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.44	24.43	24.40	25.7	0
5	QPSK	1	12	24.28	24.47	24.55		
5	QPSK	1	24	24.31	24.30	24.35		
5	QPSK	12	0	23.54	23.78	23.66	24.7	1
5	QPSK	12	7	23.44	23.60	23.45		
5	QPSK	12	13	23.38	23.55	23.63		
5	QPSK	25	0	23.25	23.37	23.16		
5	16QAM	1	0	23.13	23.45	23.26	24.7	1
5	16QAM	1	12	23.21	23.12	23.13		
5	16QAM	1	24	23.12	23.41	23.23		
5	16QAM	12	0	22.36	22.44	22.39	23.7	2
5	16QAM	12	7	22.35	22.29	22.27		
5	16QAM	12	13	22.18	22.39	22.37		
5	16QAM	25	0	22.38	22.60	22.51		
5	64QAM	1	0	22.18	22.33	22.19	23.7	2
5	64QAM	1	12	22.14	22.37	22.29		
5	64QAM	1	24	22.22	22.54	22.09		
5	64QAM	12	0	21.31	21.47	21.41	22.7	3
5	64QAM	12	7	21.32	21.37	21.37		
5	64QAM	12	13	21.30	21.29	21.39		
5	64QAM	25	0	21.41	21.53	21.63		
5	256QAM	1	0	19.22	19.41	19.19	20.7	5
5	256QAM	1	12	19.33	19.43	19.18		
5	256QAM	1	24	19.14	19.22	19.09		
5	256QAM	12	0	19.50	19.37	19.43	20.7	5
5	256QAM	12	7	19.38	19.33	19.30		
5	256QAM	12	13	19.32	19.52	19.30		
5	256QAM	25	0	19.54	19.49	19.49		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.44	24.49	24.39	25.7	0
3	QPSK	1	8	24.28	24.48	24.50		
3	QPSK	1	14	24.31	24.40	24.35		
3	QPSK	8	0	23.47	23.71	23.69	24.7	1
3	QPSK	8	4	23.57	23.58	23.43		
3	QPSK	8	7	23.45	23.57	23.53		
3	QPSK	15	0	23.34	23.35	23.19		
3	16QAM	1	0	23.13	23.31	23.31	24.7	1
3	16QAM	1	8	23.25	23.07	23.20		
3	16QAM	1	14	23.14	23.26	23.21		
3	16QAM	8	0	22.43	22.45	22.45	23.7	2
3	16QAM	8	4	22.28	22.34	22.32		
3	16QAM	8	7	22.29	22.50	22.33		
3	16QAM	15	0	22.41	22.64	22.64		
3	64QAM	1	0	22.25	22.36	22.21	23.7	2
3	64QAM	1	8	22.12	22.40	22.26		
3	64QAM	1	14	22.14	22.52	22.05		
3	64QAM	8	0	21.19	21.51	21.43	22.7	3
3	64QAM	8	4	21.28	21.47	21.38		
3	64QAM	8	7	21.38	21.29	21.42		
3	64QAM	15	0	21.42	21.50	21.54		
3	256QAM	1	0	19.24	19.44	19.18	20.7	5
3	256QAM	1	8	19.27	19.29	19.21		
3	256QAM	1	14	19.24	19.11	19.17		
3	256QAM	8	0	19.38	19.41	19.34	20.7	5
3	256QAM	8	4	19.49	19.33	19.34		
3	256QAM	8	7	19.25	19.60	19.18		
3	256QAM	15	0	19.52	19.49	19.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.51	24.47	24.29	25.7	0
1.4	QPSK	1	3	24.33	24.42	24.46		
1.4	QPSK	1	5	24.33	24.33	24.29		
1.4	QPSK	3	0	24.51	24.43	24.29		
1.4	QPSK	3	1	24.36	24.34	24.34		
1.4	QPSK	3	3	24.30	24.26	24.35		
1.4	QPSK	6	0	23.52	23.64	23.53	24.7	1
1.4	16QAM	1	0	23.39	23.49	23.36	24.7	1
1.4	16QAM	1	3	23.41	23.45	23.51		
1.4	16QAM	1	5	23.18	23.25	23.15		
1.4	16QAM	3	0	23.15	23.25	23.24		
1.4	16QAM	3	1	23.14	23.03	23.03		
1.4	16QAM	3	3	23.13	23.21	23.21		
1.4	16QAM	6	0	22.27	22.30	22.45	23.7	2
1.4	64QAM	1	0	22.18	22.26	22.28	23.7	2
1.4	64QAM	1	3	22.25	22.38	22.36		
1.4	64QAM	1	5	22.37	22.57	22.58		
1.4	64QAM	3	0	22.14	22.24	22.14		
1.4	64QAM	3	1	22.04	22.22	22.21		
1.4	64QAM	3	3	22.18	22.41	22.04		
1.4	64QAM	6	0	21.19	21.43	21.21	22.7	3
1.4	256QAM	1	0	19.25	19.41	19.12	20.7	5
1.4	256QAM	1	3	19.25	19.23	19.18		
1.4	256QAM	1	5	19.14	19.09	19.13		
1.4	256QAM	3	0	19.37	19.30	19.28		
1.4	256QAM	3	1	19.39	19.26	19.22		
1.4	256QAM	3	3	19.19	19.48	19.23		
1.4	256QAM	6	0	19.45	19.52	19.45	20.7	5

Band 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.67	24.78	24.50	25.7	0
20	QPSK	1	49	24.61	24.64	24.65		
20	QPSK	1	99	24.52	24.48	24.53		
20	QPSK	50	0	23.79	23.89	23.71	24.7	1
20	QPSK	50	24	23.63	23.69	23.62		
20	QPSK	50	50	23.59	23.75	23.70		
20	QPSK	100	0	23.54	23.63	23.42		
20	16QAM	1	0	23.41	23.45	23.40	24.7	1
20	16QAM	1	49	23.30	23.33	23.41		
20	16QAM	1	99	23.31	23.48	23.37		
20	16QAM	50	0	22.52	22.55	22.54	23.7	2
20	16QAM	50	24	22.45	22.46	22.56		
20	16QAM	50	50	22.47	22.57	22.50		
20	16QAM	100	0	22.63	22.84	22.72		
20	64QAM	1	0	22.42	22.58	22.48	23.7	2
20	64QAM	1	49	22.37	22.59	22.41		
20	64QAM	1	99	22.33	22.61	22.20		
20	64QAM	50	0	21.51	21.67	21.64	22.7	3
20	64QAM	50	24	21.47	21.65	21.45		
20	64QAM	50	50	21.52	21.58	21.56		
20	64QAM	100	0	21.58	21.76	21.75		
20	256QAM	1	0	19.53	19.60	19.33	20.7	5
20	256QAM	1	49	19.40	19.55	19.41		
20	256QAM	1	99	19.37	19.36	19.30		
20	256QAM	50	0	19.63	19.57	19.61	20.7	5
20	256QAM	50	24	19.52	19.49	19.48		
20	256QAM	50	50	19.59	19.62	19.45		
20	256QAM	100	0	19.64	19.67	19.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.50	24.61	24.38	25.7	0
15	QPSK	1	37	24.43	24.42	24.52		
15	QPSK	1	74	24.37	24.35	24.31		
15	QPSK	36	0	23.70	23.70	23.57	24.7	1
15	QPSK	36	20	23.48	23.54	23.45		
15	QPSK	36	39	23.37	23.56	23.51		
15	QPSK	75	0	23.31	23.42	23.28		
15	16QAM	1	0	23.30	23.25	23.18	24.7	1
15	16QAM	1	37	23.16	23.22	23.21		
15	16QAM	1	74	23.21	23.28	23.13		
15	16QAM	36	0	22.34	22.45	22.46	23.7	2
15	16QAM	36	20	22.26	22.35	22.46		
15	16QAM	36	39	22.26	22.39	22.38		
15	16QAM	75	0	22.42	22.62	22.57		
15	64QAM	1	0	22.20	22.37	22.32	23.7	2
15	64QAM	1	37	22.18	22.49	22.28		
15	64QAM	1	74	22.22	22.50	22.01		
15	64QAM	36	0	21.31	21.43	21.50	22.7	3
15	64QAM	36	20	21.33	21.42	21.31		
15	64QAM	36	39	21.38	21.35	21.35		
15	64QAM	75	0	21.46	21.60	21.56		
15	256QAM	1	0	19.38	19.50	19.23	20.7	5
15	256QAM	1	37	19.27	19.36	19.26		
15	256QAM	1	74	19.13	19.12	19.17		
15	256QAM	36	0	19.46	19.42	19.48	20.7	5
15	256QAM	36	20	19.41	19.36	19.35		
15	256QAM	36	39	19.45	19.54	19.30		
15	256QAM	75	0	19.52	19.52	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.50	24.60	24.28	25.7	0
10	QPSK	1	25	24.44	24.52	24.57		
10	QPSK	1	49	24.35	24.39	24.32		
10	QPSK	25	0	23.66	23.78	23.54	24.7	1
10	QPSK	25	12	23.52	23.53	23.44		
10	QPSK	25	25	23.47	23.62	23.60		
10	QPSK	50	0	23.33	23.47	23.24		
10	16QAM	1	0	23.23	23.31	23.32	24.7	1
10	16QAM	1	25	23.17	23.16	23.33		
10	16QAM	1	49	23.21	23.29	23.26		
10	16QAM	25	0	22.38	22.46	22.38	23.7	2
10	16QAM	25	12	22.28	22.25	22.42		
10	16QAM	25	25	22.39	22.40	22.27		
10	16QAM	50	0	22.42	22.73	22.51		
10	64QAM	1	0	22.26	22.34	22.28	23.7	2
10	64QAM	1	25	22.25	22.43	22.27		
10	64QAM	1	49	22.22	22.43	22.02		
10	64QAM	25	0	21.29	21.49	21.52	22.7	3
10	64QAM	25	12	21.25	21.52	21.22		
10	64QAM	25	25	21.35	21.46	21.39		
10	64QAM	50	0	21.39	21.56	21.55		
10	256QAM	1	0	19.42	19.49	19.23	20.7	5
10	256QAM	1	25	19.25	19.36	19.24		
10	256QAM	1	49	19.21	19.18	19.14		
10	256QAM	25	0	19.42	19.44	19.50	20.7	5
10	256QAM	25	12	19.38	19.41	19.38		
10	256QAM	25	25	19.51	19.41	19.27		
10	256QAM	50	0	19.44	19.50	19.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.45	24.58	24.29	25.7	0
5	QPSK	1	12	24.48	24.52	24.54		
5	QPSK	1	24	24.35	24.30	24.38		
5	QPSK	12	0	23.64	23.73	23.61	24.7	1
5	QPSK	12	7	23.43	23.49	23.44		
5	QPSK	12	13	23.37	23.53	23.50		
5	QPSK	25	0	23.32	23.46	23.32		
5	16QAM	1	0	23.28	23.33	23.30	24.7	1
5	16QAM	1	12	23.21	23.18	23.28		
5	16QAM	1	24	23.08	23.38	23.22		
5	16QAM	12	0	22.32	22.45	22.36	23.7	2
5	16QAM	12	7	22.28	22.32	22.40		
5	16QAM	12	13	22.26	22.34	22.26		
5	16QAM	25	0	22.50	22.69	22.49		
5	64QAM	1	0	22.21	22.36	22.28	23.7	2
5	64QAM	1	12	22.18	22.38	22.32		
5	64QAM	1	24	22.22	22.51	22.03		
5	64QAM	12	0	21.30	21.52	21.50	22.7	3
5	64QAM	12	7	21.29	21.42	21.23		
5	64QAM	12	13	21.39	21.49	21.33		
5	64QAM	25	0	21.46	21.59	21.65		
5	256QAM	1	0	19.29	19.46	19.19	20.7	5
5	256QAM	1	12	19.27	19.43	19.32		
5	256QAM	1	24	19.17	19.14	19.20		
5	256QAM	12	0	19.49	19.41	19.44	20.7	5
5	256QAM	12	7	19.36	19.31	19.38		
5	256QAM	12	13	19.37	19.42	19.25		
5	256QAM	25	0	19.53	19.50	19.38		

Band 25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.32	24.33	24.10	25.7	0
20	QPSK	1	49	24.16	24.26	24.23		
20	QPSK	1	99	24.14	24.18	24.12		
20	QPSK	50	0	23.43	23.55	23.36	24.7	1
20	QPSK	50	24	23.26	23.38	23.33		
20	QPSK	50	50	23.21	23.44	23.36		
20	QPSK	100	0	23.06	23.16	23.07		
20	16QAM	1	0	23.07	23.11	23.07	24.7	1
20	16QAM	1	49	22.91	22.99	22.94		
20	16QAM	1	99	22.94	23.15	22.98		
20	16QAM	50	0	22.19	22.12	22.21	23.7	2
20	16QAM	50	24	22.03	22.08	22.08		
20	16QAM	50	50	22.05	22.25	22.15		
20	16QAM	100	0	22.23	22.53	22.31		
20	64QAM	1	0	22.03	22.12	22.09	23.7	2
20	64QAM	1	49	21.98	22.14	21.95		
20	64QAM	1	99	21.97	22.28	21.91		
20	64QAM	50	0	21.12	21.27	21.29	22.7	3
20	64QAM	50	24	21.05	21.18	21.08		
20	64QAM	50	50	21.06	21.19	21.19		
20	64QAM	100	0	21.18	21.35	21.37		
20	256QAM	1	0	19.08	19.28	19.04	20.7	5
20	256QAM	1	49	19.01	19.12	19.03		
20	256QAM	1	99	18.95	19.00	19.00		
20	256QAM	50	0	19.17	19.25	19.18	20.7	5
20	256QAM	50	24	19.13	19.12	19.06		
20	256QAM	50	50	19.21	19.25	19.12		
20	256QAM	100	0	19.25	19.23	19.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.97	24.04	23.72	25.7	0
15	QPSK	1	37	23.86	23.98	23.92		
15	QPSK	1	74	23.79	23.87	23.71		
15	QPSK	36	0	23.14	23.19	23.01	24.7	1
15	QPSK	36	20	22.90	23.01	22.98		
15	QPSK	36	39	22.86	23.12	23.07		
15	QPSK	75	0	22.70	22.86	22.72		
15	16QAM	1	0	22.76	22.71	22.71	24.7	1
15	16QAM	1	37	22.71	22.81	22.76		
15	16QAM	1	74	22.73	22.86	22.75		
15	16QAM	36	0	21.89	21.78	21.89	23.7	2
15	16QAM	36	20	21.73	21.80	21.73		
15	16QAM	36	39	21.72	21.86	21.73		
15	16QAM	75	0	21.87	22.14	21.97		
15	64QAM	1	0	21.71	21.72	21.80	23.7	2
15	64QAM	1	37	21.75	21.82	21.76		
15	64QAM	1	74	21.76	21.89	21.73		
15	64QAM	36	0	20.74	20.93	20.89	22.7	3
15	64QAM	36	20	20.77	20.86	20.79		
15	64QAM	36	39	20.76	20.90	20.84		
15	64QAM	75	0	20.88	20.98	21.01		
15	256QAM	1	0	18.71	18.95	18.73	20.7	5
15	256QAM	1	37	18.70	18.71	18.71		
15	256QAM	1	74	18.79	18.76	18.77		
15	256QAM	36	0	18.87	18.89	18.74	20.7	5
15	256QAM	36	20	18.73	18.73	18.71		
15	256QAM	36	39	18.83	18.93	18.73		
15	256QAM	75	0	18.97	18.84	18.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.93	24.02	23.72	25.7	0
10	QPSK	1	25	23.87	23.85	23.84		
10	QPSK	1	49	23.73	23.87	23.76		
10	QPSK	25	0	23.12	23.24	23.02	24.7	1
10	QPSK	25	12	22.89	22.99	23.04		
10	QPSK	25	25	22.88	23.10	23.03		
10	QPSK	50	0	22.71	22.82	22.71		
10	16QAM	1	0	22.76	22.81	22.72	24.7	1
10	16QAM	1	25	22.76	22.82	22.73		
10	16QAM	1	49	22.73	22.84	22.77		
10	16QAM	25	0	21.81	21.73	21.89	23.7	2
10	16QAM	25	12	21.73	21.76	21.79		
10	16QAM	25	25	21.79	21.86	21.71		
10	16QAM	50	0	21.86	22.20	21.91		
10	64QAM	1	0	21.72	21.86	21.72	23.7	2
10	64QAM	1	25	21.79	21.78	21.71		
10	64QAM	1	49	21.75	21.97	21.73		
10	64QAM	25	0	20.81	20.84	20.92	22.7	3
10	64QAM	25	12	20.76	20.82	20.71		
10	64QAM	25	25	20.76	20.76	20.81		
10	64QAM	50	0	20.81	21.05	20.94		
10	256QAM	1	0	18.72	18.99	18.72	20.7	5
10	256QAM	1	25	18.73	18.72	18.71		
10	256QAM	1	49	18.72	18.86	18.76		
10	256QAM	25	0	18.88	18.96	18.80	20.7	5
10	256QAM	25	12	18.74	18.86	18.78		
10	256QAM	25	25	18.80	18.82	18.76		
10	256QAM	50	0	18.82	18.85	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.00	23.90	23.78	25.7	0
5	QPSK	1	12	23.83	23.86	23.86		
5	QPSK	1	24	23.85	23.86	23.78		
5	QPSK	12	0	23.14	23.20	23.05	24.7	1
5	QPSK	12	7	22.95	22.97	23.01		
5	QPSK	12	13	22.77	23.10	23.06		
5	QPSK	25	0	22.70	22.80	22.74		
5	16QAM	1	0	22.71	22.89	22.74	24.7	1
5	16QAM	1	12	22.73	22.82	22.73		
5	16QAM	1	24	22.77	22.77	22.74		
5	16QAM	12	0	21.85	21.76	21.92	23.7	2
5	16QAM	12	7	21.75	21.76	21.70		
5	16QAM	12	13	21.76	21.85	21.78		
5	16QAM	25	0	21.80	22.21	21.88		
5	64QAM	1	0	21.75	21.73	21.78	23.7	2
5	64QAM	1	12	21.76	21.74	21.72		
5	64QAM	1	24	21.74	21.85	21.74		
5	64QAM	12	0	20.81	20.92	20.94	22.7	3
5	64QAM	12	7	20.73	20.85	20.75		
5	64QAM	12	13	20.77	20.83	20.81		
5	64QAM	25	0	20.83	21.03	20.99		
5	256QAM	1	0	18.79	18.97	18.72	20.7	5
5	256QAM	1	12	18.72	18.75	18.78		
5	256QAM	1	24	18.75	18.77	18.72		
5	256QAM	12	0	18.81	18.96	18.88	20.7	5
5	256QAM	12	7	18.85	18.77	18.74		
5	256QAM	12	13	18.85	18.87	18.79		
5	256QAM	25	0	18.95	18.83	18.83		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.98	23.91	23.78	25.7	0
3	QPSK	1	8	23.85	23.92	23.88		
3	QPSK	1	14	23.86	23.76	23.76		
3	QPSK	8	0	23.14	23.21	22.96	24.7	1
3	QPSK	8	4	22.91	23.02	22.99		
3	QPSK	8	7	22.83	23.14	23.06		
3	QPSK	15	0	22.72	22.85	22.77		
3	16QAM	1	0	22.73	22.80	22.73	24.7	1
3	16QAM	1	8	22.74	22.76	22.71		
3	16QAM	1	14	22.76	22.85	22.72		
3	16QAM	8	0	21.89	21.76	21.86	23.7	2
3	16QAM	8	4	21.71	21.79	21.74		
3	16QAM	8	7	21.75	21.92	21.73		
3	16QAM	15	0	21.87	22.18	21.93		
3	64QAM	1	0	21.73	21.81	21.72	23.7	2
3	64QAM	1	8	21.74	21.86	21.74		
3	64QAM	1	14	21.73	21.97	21.72		
3	64QAM	8	0	20.77	20.91	20.88	22.7	3
3	64QAM	8	4	20.75	20.89	20.75		
3	64QAM	8	7	20.75	20.77	20.79		
3	64QAM	15	0	20.84	21.04	21.03		
3	256QAM	1	0	18.79	18.89	18.74	20.7	5
3	256QAM	1	8	18.70	18.74	18.77		
3	256QAM	1	14	18.76	18.88	18.75		
3	256QAM	8	0	18.81	18.93	18.87	20.7	5
3	256QAM	8	4	18.74	18.70	18.73		
3	256QAM	8	7	18.79	18.83	18.76		
3	256QAM	15	0	18.96	18.84	18.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.92	23.96	23.76	25.7	0
1.4	QPSK	1	3	23.76	23.88	23.91		
1.4	QPSK	1	5	23.73	23.76	23.82		
1.4	QPSK	3	0	23.99	23.89	23.74		
1.4	QPSK	3	1	23.73	23.97	23.87		
1.4	QPSK	3	3	23.78	23.86	23.70		
1.4	QPSK	6	0	23.07	23.20	22.99	24.7	1
1.4	16QAM	1	0	22.86	22.96	23.05	24.7	1
1.4	16QAM	1	3	22.77	23.02	23.00		
1.4	16QAM	1	5	22.77	22.83	22.77		
1.4	16QAM	3	0	22.78	22.80	22.76		
1.4	16QAM	3	1	22.77	22.86	22.72		
1.4	16QAM	3	3	22.73	22.86	22.75		
1.4	16QAM	6	0	21.86	21.81	21.86	23.7	2
1.4	64QAM	1	0	21.75	21.80	21.73	23.7	2
1.4	64QAM	1	3	21.77	21.86	21.73		
1.4	64QAM	1	5	21.80	22.10	22.02		
1.4	64QAM	3	0	21.72	21.79	21.77		
1.4	64QAM	3	1	21.73	21.86	21.76		
1.4	64QAM	3	3	21.74	21.89	21.74		
1.4	64QAM	6	0	20.83	20.86	20.95	22.7	3
1.4	256QAM	1	0	18.74	18.93	18.72	20.7	5
1.4	256QAM	1	3	18.75	18.76	18.73		
1.4	256QAM	1	5	18.73	18.85	18.71		
1.4	256QAM	3	0	18.73	18.90	18.75		
1.4	256QAM	3	1	18.80	18.78	18.74		
1.4	256QAM	3	3	18.80	18.85	18.72		
1.4	256QAM	6	0	18.84	18.91	18.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.76	24.86	24.72	25.7	0
20	QPSK	1	49	24.71	24.81	24.78		
20	QPSK	1	99	24.69	24.73	24.67		
20	QPSK	50	0	23.93	24.02	23.95	24.7	1
20	QPSK	50	24	23.83	23.84	23.88		
20	QPSK	50	50	23.74	23.93	23.84		
20	QPSK	100	0	23.60	23.74	23.61		
20	16QAM	1	0	23.57	23.63	23.56	24.7	1
20	16QAM	1	49	23.47	23.48	23.52		
20	16QAM	1	99	23.50	23.66	23.54		
20	16QAM	50	0	22.73	22.75	22.68	23.7	2
20	16QAM	50	24	22.56	22.59	22.65		
20	16QAM	50	50	22.57	22.71	22.65		
20	16QAM	100	0	22.77	23.01	22.88		
20	64QAM	1	0	22.54	22.71	22.56	23.7	2
20	64QAM	1	49	22.45	22.69	22.51		
20	64QAM	1	99	22.52	22.87	22.43		
20	64QAM	50	0	21.66	21.90	21.92	22.7	3
20	64QAM	50	24	21.52	21.83	21.67		
20	64QAM	50	50	21.70	21.67	21.66		
20	64QAM	100	0	21.72	21.92	21.86		
20	256QAM	1	0	19.64	19.83	19.53	20.7	5
20	256QAM	1	49	19.58	19.67	19.56		
20	256QAM	1	99	19.58	19.54	19.53		
20	256QAM	50	0	19.68	19.71	19.66	20.7	5
20	256QAM	50	24	19.72	19.77	19.61		
20	256QAM	50	50	19.73	19.83	19.56		
20	256QAM	100	0	19.73	19.76	19.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.45	24.54	24.40	25.7	0
15	QPSK	1	37	24.46	24.44	24.51		
15	QPSK	1	74	24.40	24.51	24.42		
15	QPSK	36	0	23.62	23.65	23.68	24.7	1
15	QPSK	36	20	23.50	23.59	23.50		
15	QPSK	36	39	23.48	23.59	23.57		
15	QPSK	75	0	23.35	23.49	23.33		
15	16QAM	1	0	23.34	23.26	23.32	24.7	1
15	16QAM	1	37	23.18	23.16	23.19		
15	16QAM	1	74	23.18	23.34	23.31		
15	16QAM	36	0	22.39	22.52	22.36	23.7	2
15	16QAM	36	20	22.21	22.28	22.33		
15	16QAM	36	39	22.26	22.47	22.30		
15	16QAM	75	0	22.50	22.79	22.55		
15	64QAM	1	0	22.27	22.39	22.30	23.7	2
15	64QAM	1	37	22.17	22.46	22.16		
15	64QAM	1	74	22.16	22.49	22.21		
15	64QAM	36	0	21.28	21.64	21.68	22.7	3
15	64QAM	36	20	21.24	21.58	21.33		
15	64QAM	36	39	21.43	21.30	21.42		
15	64QAM	75	0	21.45	21.67	21.53		
15	256QAM	1	0	19.36	19.58	19.24	20.7	5
15	256QAM	1	37	19.34	19.36	19.30		
15	256QAM	1	74	19.29	19.29	19.26		
15	256QAM	36	0	19.40	19.45	19.33	20.7	5
15	256QAM	36	20	19.40	19.53	19.33		
15	256QAM	36	39	19.45	19.52	19.32		
15	256QAM	75	0	19.46	19.50	19.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.44	24.49	24.43	25.7	0
10	QPSK	1	25	24.42	24.58	24.56		
10	QPSK	1	49	24.35	24.39	24.30		
10	QPSK	25	0	23.56	23.79	23.60	24.7	1
10	QPSK	25	12	23.59	23.57	23.63		
10	QPSK	25	25	23.45	23.58	23.49		
10	QPSK	50	0	23.28	23.42	23.30		
10	16QAM	1	0	23.23	23.39	23.27	24.7	1
10	16QAM	1	25	23.16	23.14	23.22		
10	16QAM	1	49	23.17	23.43	23.21		
10	16QAM	25	0	22.38	22.51	22.40	23.7	2
10	16QAM	25	12	22.27	22.30	22.37		
10	16QAM	25	25	22.26	22.34	22.39		
10	16QAM	50	0	22.46	22.73	22.56		
10	64QAM	1	0	22.19	22.41	22.32	23.7	2
10	64QAM	1	25	22.07	22.43	22.26		
10	64QAM	1	49	22.25	22.51	22.16		
10	64QAM	25	0	21.42	21.61	21.55	22.7	3
10	64QAM	25	12	21.24	21.57	21.34		
10	64QAM	25	25	21.35	21.34	21.42		
10	64QAM	50	0	21.50	21.57	21.61		
10	256QAM	1	0	19.35	19.49	19.17	20.7	5
10	256QAM	1	25	19.25	19.44	19.27		
10	256QAM	1	49	19.31	19.23	19.26		
10	256QAM	25	0	19.43	19.39	19.42	20.7	5
10	256QAM	25	12	19.40	19.44	19.35		
10	256QAM	25	25	19.46	19.50	19.32		
10	256QAM	50	0	19.40	19.47	19.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.40	24.52	24.47	25.7	0
5	QPSK	1	12	24.37	24.45	24.55		
5	QPSK	1	24	24.44	24.39	24.37		
5	QPSK	12	0	23.58	23.77	23.60	24.7	1
5	QPSK	12	7	23.57	23.55	23.58		
5	QPSK	12	13	23.46	23.55	23.55		
5	QPSK	25	0	23.37	23.44	23.29		
5	16QAM	1	0	23.27	23.29	23.31	24.7	1
5	16QAM	1	12	23.15	23.11	23.19		
5	16QAM	1	24	23.21	23.34	23.21		
5	16QAM	12	0	22.40	22.40	22.33	23.7	2
5	16QAM	12	7	22.29	22.31	22.41		
5	16QAM	12	13	22.30	22.48	22.41		
5	16QAM	25	0	22.53	22.76	22.65		
5	64QAM	1	0	22.32	22.44	22.22	23.7	2
5	64QAM	1	12	22.13	22.41	22.14		
5	64QAM	1	24	22.19	22.58	22.10		
5	64QAM	12	0	21.43	21.64	21.58	22.7	3
5	64QAM	12	7	21.24	21.48	21.32		
5	64QAM	12	13	21.41	21.34	21.39		
5	64QAM	25	0	21.35	21.64	21.51		
5	256QAM	1	0	19.29	19.52	19.19	20.7	5
5	256QAM	1	12	19.25	19.38	19.33		
5	256QAM	1	24	19.22	19.30	19.20		
5	256QAM	12	0	19.35	19.41	19.32	20.7	5
5	256QAM	12	7	19.35	19.54	19.26		
5	256QAM	12	13	19.47	19.51	19.25		
5	256QAM	25	0	19.37	19.45	19.35		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.53	24.50	24.43	25.7	0
3	QPSK	1	8	24.45	24.49	24.55		
3	QPSK	1	14	24.32	24.43	24.33		
3	QPSK	8	0	23.61	23.76	23.69	24.7	1
3	QPSK	8	4	23.60	23.53	23.53		
3	QPSK	8	7	23.41	23.59	23.50		
3	QPSK	15	0	23.26	23.49	23.38		
3	16QAM	1	0	23.34	23.39	23.24	24.7	1
3	16QAM	1	8	23.21	23.13	23.22		
3	16QAM	1	14	23.24	23.32	23.25		
3	16QAM	8	0	22.41	22.50	22.41	23.7	2
3	16QAM	8	4	22.26	22.28	22.42		
3	16QAM	8	7	22.35	22.45	22.37		
3	16QAM	15	0	22.50	22.72	22.51		
3	64QAM	1	0	22.21	22.45	22.19	23.7	2
3	64QAM	1	8	22.08	22.32	22.23		
3	64QAM	1	14	22.28	22.51	22.13		
3	64QAM	8	0	21.30	21.61	21.58	22.7	3
3	64QAM	8	4	21.23	21.54	21.41		
3	64QAM	8	7	21.43	21.32	21.42		
3	64QAM	15	0	21.38	21.56	21.63		
3	256QAM	1	0	19.35	19.50	19.23	20.7	5
3	256QAM	1	8	19.27	19.37	19.23		
3	256QAM	1	14	19.35	19.18	19.24		
3	256QAM	8	0	19.34	19.45	19.35	20.7	5
3	256QAM	8	4	19.35	19.46	19.29		
3	256QAM	8	7	19.39	19.47	19.27		
3	256QAM	15	0	19.35	19.44	19.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.45	24.54	24.30	25.7	0
1.4	QPSK	1	3	24.36	24.44	24.43		
1.4	QPSK	1	5	24.30	24.34	24.38		
1.4	QPSK	3	0	24.34	24.44	24.38		
1.4	QPSK	3	1	24.39	24.50	24.46		
1.4	QPSK	3	3	24.31	24.34	24.37		
1.4	QPSK	6	0	23.57	23.70	23.65	24.7	1
1.4	16QAM	1	0	23.45	23.47	23.54	24.7	1
1.4	16QAM	1	3	23.45	23.58	23.48		
1.4	16QAM	1	5	23.23	23.40	23.30		
1.4	16QAM	3	0	23.24	23.29	23.22		
1.4	16QAM	3	1	23.04	23.05	23.20		
1.4	16QAM	3	3	23.12	23.27	23.14		
1.4	16QAM	6	0	22.37	22.35	22.29	23.7	2
1.4	64QAM	1	0	22.27	22.23	22.29	23.7	2
1.4	64QAM	1	3	22.21	22.37	22.27		
1.4	64QAM	1	5	22.46	22.64	22.60		
1.4	64QAM	3	0	22.19	22.30	22.26		
1.4	64QAM	3	1	22.08	22.28	22.08		
1.4	64QAM	3	3	22.13	22.50	22.02		
1.4	64QAM	6	0	21.39	21.32	21.24	22.7	3
1.4	256QAM	1	0	19.30	19.43	19.25	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.20		
1.4	256QAM	1	5	19.18	19.22	19.21		
1.4	256QAM	3	0	19.27	19.35	19.26		
1.4	256QAM	3	1	19.43	19.45	19.27		
1.4	256QAM	3	3	19.35	19.45	19.26		
1.4	256QAM	6	0	19.35	19.44	19.31	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.45	24.58	24.31	25.7	0
20	QPSK	1	49	24.31	24.40	24.35		
20	QPSK	1	99	24.37	24.37	24.39		
20	QPSK	50	0	23.58	23.70	23.61	24.7	1
20	QPSK	50	24	23.44	23.48	23.45		
20	QPSK	50	50	23.38	23.53	23.50		
20	QPSK	100	0	23.32	23.40	23.17		
20	16QAM	1	0	23.19	23.34	23.20	24.7	1
20	16QAM	1	49	23.11	23.15	23.12		
20	16QAM	1	99	23.11	23.30	23.25		
20	16QAM	50	0	22.34	22.34	22.35	23.7	2
20	16QAM	50	24	22.16	22.22	22.27		
20	16QAM	50	50	22.29	22.39	22.34		
20	16QAM	100	0	22.46	22.67	22.48		
20	64QAM	1	0	22.18	22.40	22.19	23.7	2
20	64QAM	1	49	22.14	22.35	22.20		
20	64QAM	1	99	22.15	22.46	22.09		
20	64QAM	50	0	21.21	21.46	21.55	22.7	3
20	64QAM	50	24	21.21	21.38	21.33		
20	64QAM	50	50	21.30	21.38	21.30		
20	64QAM	100	0	21.43	21.54	21.51		
20	256QAM	1	0	19.30	19.40	19.20	20.7	5
20	256QAM	1	49	19.18	19.37	19.17		
20	256QAM	1	99	19.16	19.18	19.20		
20	256QAM	50	0	19.43	19.42	19.36	20.7	5
20	256QAM	50	24	19.34	19.33	19.32		
20	256QAM	50	50	19.30	19.40	19.27		
20	256QAM	100	0	19.47	19.42	19.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.30	24.52	24.16	25.7	0
15	QPSK	1	37	24.16	24.24	24.17		
15	QPSK	1	74	24.33	24.34	24.27		
15	QPSK	36	0	23.54	23.61	23.48	24.7	1
15	QPSK	36	20	23.42	23.38	23.42		
15	QPSK	36	39	23.26	23.39	23.44		
15	QPSK	75	0	23.23	23.24	23.09		
15	16QAM	1	0	23.15	23.16	23.05	24.7	1
15	16QAM	1	37	23.07	22.98	22.98		
15	16QAM	1	74	23.03	23.20	23.10		
15	16QAM	36	0	22.31	22.29	22.30	23.7	2
15	16QAM	36	20	22.11	22.13	22.18		
15	16QAM	36	39	22.19	22.28	22.28		
15	16QAM	75	0	22.34	22.58	22.36		
15	64QAM	1	0	22.00	22.37	22.06	23.7	2
15	64QAM	1	37	21.97	22.27	22.05		
15	64QAM	1	74	22.10	22.40	22.04		
15	64QAM	36	0	21.11	21.44	21.43	22.7	3
15	64QAM	36	20	21.16	21.33	21.24		
15	64QAM	36	39	21.19	21.21	21.16		
15	64QAM	75	0	21.36	21.49	21.39		
15	256QAM	1	0	19.23	19.29	19.09	20.7	5
15	256QAM	1	37	19.05	19.26	19.11		
15	256QAM	1	74	19.07	19.01	19.04		
15	256QAM	36	0	19.26	19.35	19.33	20.7	5
15	256QAM	36	20	19.16	19.21	19.26		
15	256QAM	36	39	19.27	19.25	19.23		
15	256QAM	75	0	19.40	19.26	19.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.32	24.50	24.13	25.7	0
10	QPSK	1	25	24.17	24.28	24.29		
10	QPSK	1	49	24.22	24.19	24.24		
10	QPSK	25	0	23.40	23.67	23.59	24.7	1
10	QPSK	25	12	23.27	23.30	23.27		
10	QPSK	25	25	23.31	23.38	23.43		
10	QPSK	50	0	23.28	23.36	22.99		
10	16QAM	1	0	23.04	23.20	23.18	24.7	1
10	16QAM	1	25	23.03	23.12	23.00		
10	16QAM	1	49	23.00	23.14	23.18		
10	16QAM	25	0	22.30	22.31	22.30	23.7	2
10	16QAM	25	12	22.01	22.19	22.14		
10	16QAM	25	25	22.22	22.35	22.32		
10	16QAM	50	0	22.40	22.60	22.45		
10	64QAM	1	0	22.07	22.37	22.13	23.7	2
10	64QAM	1	25	22.10	22.28	22.06		
10	64QAM	1	49	21.98	22.35	22.01		
10	64QAM	25	0	21.03	21.29	21.42	22.7	3
10	64QAM	25	12	21.13	21.25	21.25		
10	64QAM	25	25	21.26	21.32	21.13		
10	64QAM	50	0	21.27	21.41	21.39		
10	256QAM	1	0	19.16	19.27	19.17	20.7	5
10	256QAM	1	25	19.10	19.21	19.02		
10	256QAM	1	49	19.06	19.04	19.13		
10	256QAM	25	0	19.31	19.30	19.21	20.7	5
10	256QAM	25	12	19.27	19.19	19.16		
10	256QAM	25	25	19.18	19.32	19.18		
10	256QAM	50	0	19.36	19.30	19.23		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.39	24.47	24.26	25.7	0
5	QPSK	1	12	24.13	24.38	24.18		
5	QPSK	1	24	24.21	24.25	24.24		
5	QPSK	12	0	23.41	23.67	23.57	24.7	1
5	QPSK	12	7	23.26	23.33	23.40		
5	QPSK	12	13	23.32	23.36	23.35		
5	QPSK	25	0	23.26	23.36	23.13		
5	16QAM	1	0	23.02	23.27	23.11	24.7	1
5	16QAM	1	12	23.06	23.01	23.00		
5	16QAM	1	24	23.05	23.20	23.17		
5	16QAM	12	0	22.20	22.25	22.30	23.7	2
5	16QAM	12	7	22.03	22.12	22.16		
5	16QAM	12	13	22.21	22.22	22.18		
5	16QAM	25	0	22.31	22.52	22.38		
5	64QAM	1	0	22.07	22.36	22.07	23.7	2
5	64QAM	1	12	22.10	22.18	22.08		
5	64QAM	1	24	22.04	22.41	21.94		
5	64QAM	12	0	21.07	21.37	21.48	22.7	3
5	64QAM	12	7	21.09	21.20	21.21		
5	64QAM	12	13	21.15	21.33	21.21		
5	64QAM	25	0	21.30	21.42	21.36		
5	256QAM	1	0	19.21	19.24	19.03	20.7	5
5	256QAM	1	12	19.11	19.20	19.03		
5	256QAM	1	24	19.03	19.11	19.09		
5	256QAM	12	0	19.29	19.33	19.30	20.7	5
5	256QAM	12	7	19.31	19.21	19.20		
5	256QAM	12	13	19.15	19.34	19.17		
5	256QAM	25	0	19.40	19.24	19.25		

Band 41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.40	24.36	24.52	24.29	24.33	25.7	0
20	QPSK	1	49	24.22	24.33	24.40	24.35	24.24		
20	QPSK	1	99	24.26	24.33	24.29	24.30	24.28		
20	QPSK	50	0	23.54	23.46	23.64	23.57	23.47	24.7	1
20	QPSK	50	24	23.38	23.38	23.50	23.38	23.35		
20	QPSK	50	50	23.47	23.43	23.57	23.43	23.39		
20	QPSK	100	0	23.21	23.27	23.39	23.20	23.18		
20	16QAM	1	0	23.11	23.20	23.21	23.14	23.14	24.7	1
20	16QAM	1	49	22.92	23.10	23.04	23.11	23.11		
20	16QAM	1	99	23.10	23.03	23.27	23.15	23.05		
20	16QAM	50	0	22.17	22.31	22.33	22.29	22.30	23.7	2
20	16QAM	50	24	22.13	22.15	22.15	22.32	22.19		
20	16QAM	50	50	22.19	22.20	22.37	22.25	22.22		
20	16QAM	100	0	22.52	22.41	22.62	22.45	22.38		
20	64QAM	1	0	22.16	22.20	22.28	22.25	22.07	23.7	2
20	64QAM	1	49	22.19	22.16	22.25	22.16	22.09		
20	64QAM	1	99	22.34	22.01	22.42	22.01	22.00		
20	64QAM	50	0	21.34	21.27	21.41	21.43	21.17	22.7	3
20	64QAM	50	24	21.21	21.18	21.33	21.21	21.18		
20	64QAM	50	50	21.21	21.20	21.30	21.30	21.17		
20	64QAM	100	0	21.49	21.40	21.51	21.49	21.38		
20	256QAM	1	0	19.36	19.27	19.36	19.18	19.21	20.7	5
20	256QAM	1	49	19.12	19.19	19.30	19.14	19.10		
20	256QAM	1	99	19.02	19.12	19.22	19.10	19.14		
20	256QAM	50	0	19.22	19.40	19.34	19.28	19.34	20.7	5
20	256QAM	50	24	19.19	19.34	19.36	19.23	19.29		
20	256QAM	50	50	19.31	19.35	19.40	19.22	19.30		
20	256QAM	100	0	19.36	19.39	19.37	19.36	19.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.27	24.25	24.47	24.16	24.23	26	0
15	QPSK	1	37	24.18	24.29	24.35	24.28	24.10		
15	QPSK	1	74	24.14	24.26	24.21	24.28	24.19		
15	QPSK	36	0	23.37	23.33	23.48	23.43	23.30	24.7	1
15	QPSK	36	20	23.24	23.36	23.34	23.33	23.30		
15	QPSK	36	39	23.36	23.36	23.51	23.36	23.23		
15	QPSK	75	0	23.13	23.17	23.26	23.13	23.04		
15	16QAM	1	0	23.07	23.04	23.10	22.98	23.03	24.7	1
15	16QAM	1	37	22.87	23.06	22.95	23.02	22.96		
15	16QAM	1	74	22.99	22.86	23.24	22.98	23.02		
15	16QAM	36	0	22.08	22.16	22.23	22.12	22.13	23.7	2
15	16QAM	36	20	22.03	22.12	22.06	22.20	22.11		
15	16QAM	36	39	22.04	22.13	22.28	22.17	22.08		
15	16QAM	75	0	22.50	22.27	22.52	22.31	22.23		
15	64QAM	1	0	22.13	22.12	22.22	22.10	21.91	23.7	2
15	64QAM	1	37	22.07	22.09	22.09	22.12	21.99		
15	64QAM	1	74	22.17	21.88	22.29	21.84	21.88		
15	64QAM	36	0	21.17	21.17	21.24	21.37	21.08	22.7	3
15	64QAM	36	20	21.06	21.04	21.30	21.06	21.06		
15	64QAM	36	39	21.15	21.08	21.25	21.26	21.10		
15	64QAM	75	0	21.45	21.30	21.35	21.45	21.33		
15	256QAM	1	0	19.23	19.12	19.29	19.03	19.04	20.7	5
15	256QAM	1	37	19.02	19.12	19.24	19.03	19.08		
15	256QAM	1	74	18.94	19.08	19.09	19.08	19.05		
15	256QAM	36	0	19.14	19.34	19.17	19.24	19.19	20.7	5
15	256QAM	36	20	19.03	19.25	19.19	19.16	19.13		
15	256QAM	36	39	19.22	19.24	19.30	19.16	19.13		
15	256QAM	75	0	19.29	19.27	19.28	19.32	19.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.37	24.30	24.39	24.20	24.27	26	0
10	QPSK	1	25	24.16	24.20	24.33	24.28	24.06		
10	QPSK	1	49	24.13	24.20	24.17	24.18	24.19		
10	QPSK	25	0	23.37	23.38	23.48	23.51	23.34	24.7	1
10	QPSK	25	12	23.34	23.30	23.44	23.25	23.22		
10	QPSK	25	25	23.38	23.38	23.52	23.29	23.28		
10	QPSK	50	0	23.07	23.15	23.27	23.06	23.00		
10	16QAM	1	0	22.96	23.06	23.11	22.98	22.98	24.7	1
10	16QAM	1	25	22.75	23.02	23.00	23.04	23.04		
10	16QAM	1	49	22.98	22.90	23.19	23.07	22.89		
10	16QAM	25	0	22.05	22.20	22.23	22.11	22.27	23.7	2
10	16QAM	25	12	21.98	22.01	22.08	22.20	22.01		
10	16QAM	25	25	22.06	22.09	22.31	22.15	22.07		
10	16QAM	50	0	22.49	22.28	22.46	22.27	22.28		
10	64QAM	1	0	22.04	22.03	22.20	22.09	21.92	23.7	2
10	64QAM	1	25	22.11	22.08	22.16	22.10	22.06		
10	64QAM	1	49	22.26	21.99	22.26	21.87	21.84		
10	64QAM	25	0	21.19	21.15	21.29	21.37	21.11	22.7	3
10	64QAM	25	12	21.13	21.02	21.18	21.09	21.07		
10	64QAM	25	25	21.11	21.09	21.23	21.14	21.15		
10	64QAM	50	0	21.31	21.31	21.45	21.45	21.31		
10	256QAM	1	0	19.24	19.14	19.24	19.00	19.18	20.7	5
10	256QAM	1	25	19.08	19.11	19.17	19.01	19.06		
10	256QAM	1	49	18.93	19.07	19.14	18.96	19.10		
10	256QAM	25	0	19.06	19.24	19.29	19.22	19.30	20.7	5
10	256QAM	25	12	19.09	19.17	19.29	19.14	19.15		
10	256QAM	25	25	19.26	19.19	19.37	19.13	19.20		
10	256QAM	50	0	19.30	19.34	19.24	19.24	19.23		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.19	24.17	24.29	24.19	24.22	26	0
5	QPSK	1	12	24.10	24.13	24.28	24.17	24.11		
5	QPSK	1	24	24.09	24.18	24.14	24.13	24.05		
5	QPSK	12	0	23.44	23.30	23.46	23.37	23.27	24.7	1
5	QPSK	12	7	23.21	23.27	23.30	23.23	23.11		
5	QPSK	12	13	23.37	23.28	23.36	23.20	23.29		
5	QPSK	25	0	23.02	23.13	23.18	23.08	23.01		
5	16QAM	1	0	22.92	23.01	23.00	23.01	22.97	24.7	1
5	16QAM	1	12	22.70	22.89	22.93	23.02	22.90		
5	16QAM	1	24	22.99	22.89	23.06	22.92	22.97		
5	16QAM	12	0	21.96	22.18	22.25	22.11	22.11	23.7	2
5	16QAM	12	7	22.02	21.98	21.93	22.16	21.96		
5	16QAM	12	13	21.97	22.01	22.15	22.03	22.03		
5	16QAM	25	0	22.34	22.20	22.48	22.31	22.24		
5	64QAM	1	0	21.97	22.07	22.14	22.08	21.94	23.7	2
5	64QAM	1	12	22.00	22.00	22.15	21.99	21.95		
5	64QAM	1	24	22.15	21.87	22.22	21.86	21.82		
5	64QAM	12	0	21.19	21.17	21.21	21.29	21.07	22.7	3
5	64QAM	12	7	21.07	21.08	21.14	21.07	21.04		
5	64QAM	12	13	21.06	21.08	21.20	21.07	20.96		
5	64QAM	25	0	21.37	21.31	21.39	21.38	21.26		
5	256QAM	1	0	19.22	19.05	19.27	19.00	19.00	20.7	5
5	256QAM	1	12	19.00	19.00	19.10	18.99	18.93		
5	256QAM	1	24	18.91	18.99	19.01	18.87	19.03		
5	256QAM	12	0	19.01	19.16	19.13	19.18	19.20	20.7	5
5	256QAM	12	7	19.04	19.25	19.16	19.10	19.12		
5	256QAM	12	13	19.20	19.25	19.26	19.06	19.08		
5	256QAM	25	0	19.19	19.30	19.16	19.27	19.15		

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.74	23.89	23.61	25.5	0
20	QPSK	1	49	23.64	23.70	23.71		
20	QPSK	1	99	23.66	23.62	23.64		
20	QPSK	50	0	22.91	22.97	22.85	24.5	1
20	QPSK	50	24	22.80	22.86	22.71		
20	QPSK	50	50	22.79	22.88	22.82		
20	QPSK	100	0	22.66	22.72	22.59		
20	16QAM	1	0	22.59	22.66	22.57	24.5	1
20	16QAM	1	49	22.54	22.56	22.54		
20	16QAM	1	99	22.55	22.63	22.51		
20	16QAM	50	0	21.62	21.64	21.72	23.5	2
20	16QAM	50	24	21.54	21.52	21.60		
20	16QAM	50	50	21.59	21.67	21.72		
20	16QAM	100	0	21.75	21.95	21.87		
20	64QAM	1	0	21.51	21.65	21.50	23.5	2
20	64QAM	1	49	21.50	21.62	21.57		
20	64QAM	1	99	21.59	21.79	21.57		
20	64QAM	50	0	20.59	20.73	20.77	22.5	3
20	64QAM	50	24	20.50	20.77	20.65		
20	64QAM	50	50	20.55	20.65	20.68		
20	64QAM	100	0	20.75	20.90	20.79		
20	256QAM	1	0	18.57	18.73	18.57	20.5	5
20	256QAM	1	49	18.58	18.64	18.51		
20	256QAM	1	99	18.53	18.53	18.54		
20	256QAM	50	0	18.71	18.64	18.68	20.5	5
20	256QAM	50	24	18.67	18.72	18.56		
20	256QAM	50	50	18.64	18.72	18.56		
20	256QAM	100	0	18.70	18.81	18.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.64	23.68	23.50	25.5	0
15	QPSK	1	37	23.51	23.56	23.60		
15	QPSK	1	74	23.52	23.58	23.55		
15	QPSK	36	0	22.80	22.83	22.72	24.5	1
15	QPSK	36	20	22.58	22.69	22.56		
15	QPSK	36	39	22.56	22.66	22.69		
15	QPSK	75	0	22.53	22.53	22.51		
15	16QAM	1	0	22.52	22.63	22.53	24.5	1
15	16QAM	1	37	22.51	22.61	22.54		
15	16QAM	1	74	22.53	22.62	22.51		
15	16QAM	36	0	21.51	21.61	21.66	23.5	2
15	16QAM	36	20	21.54	21.63	21.51		
15	16QAM	36	39	21.54	21.63	21.64		
15	16QAM	75	0	21.67	21.85	21.78		
15	64QAM	1	0	21.54	21.64	21.56	23.5	2
15	64QAM	1	37	21.53	21.69	21.57		
15	64QAM	1	74	21.51	21.72	21.51		
15	64QAM	36	0	20.58	20.65	20.68	22.5	3
15	64QAM	36	20	20.62	20.72	20.53		
15	64QAM	36	39	20.56	20.58	20.65		
15	64QAM	75	0	20.71	20.82	20.71		
15	256QAM	1	0	18.57	18.65	18.59	20.5	5
15	256QAM	1	37	18.59	18.60	18.54		
15	256QAM	1	74	18.51	18.53	18.54		
15	256QAM	36	0	18.55	18.59	18.50	20.5	5
15	256QAM	36	20	18.59	18.59	18.56		
15	256QAM	36	39	18.59	18.64	18.57		
15	256QAM	75	0	18.52	18.73	18.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.73	23.79	23.52	25.5	0
10	QPSK	1	25	23.52	23.57	23.61		
10	QPSK	1	49	23.54	23.62	23.64		
10	QPSK	25	0	22.85	22.81	22.79	24.5	1
10	QPSK	25	12	22.55	22.78	22.56		
10	QPSK	25	25	22.53	22.73	22.76		
10	QPSK	50	0	22.59	22.60	22.61		
10	16QAM	1	0	22.52	22.65	22.57	24.5	1
10	16QAM	1	25	22.57	22.61	22.56		
10	16QAM	1	49	22.62	22.72	22.50		
10	16QAM	25	0	21.55	21.61	21.65	23.5	2
10	16QAM	25	12	21.54	21.63	21.58		
10	16QAM	25	25	21.56	21.70	21.72		
10	16QAM	50	0	21.68	21.88	21.80		
10	64QAM	1	0	21.52	21.70	21.56	23.5	2
10	64QAM	1	25	21.54	21.73	21.65		
10	64QAM	1	49	21.58	21.77	21.52		
10	64QAM	25	0	20.66	20.66	20.77	22.5	3
10	64QAM	25	12	20.61	20.74	20.62		
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.68	20.82	20.79		
10	256QAM	1	0	18.61	18.74	18.54	20.5	5
10	256QAM	1	25	18.61	18.63	18.57		
10	256QAM	1	49	18.52	18.51	18.61		
10	256QAM	25	0	18.57	18.55	18.51	20.5	5
10	256QAM	25	12	18.58	18.59	18.56		
10	256QAM	25	25	18.62	18.71	18.62		
10	256QAM	50	0	18.57	18.77	18.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.66	23.74	23.58	25.5	0
5	QPSK	1	12	23.62	23.59	23.63		
5	QPSK	1	24	23.61	23.66	23.56		
5	QPSK	12	0	22.80	22.86	22.78	24.5	1
5	QPSK	12	7	22.67	22.71	22.62		
5	QPSK	12	13	22.64	22.66	22.76		
5	QPSK	25	0	22.54	22.56	22.57		
5	16QAM	1	0	22.55	22.62	22.59	24.5	1
5	16QAM	1	12	22.50	22.59	22.55		
5	16QAM	1	24	22.52	22.72	22.50		
5	16QAM	12	0	21.54	21.62	21.71	23.5	2
5	16QAM	12	7	21.52	21.71	21.54		
5	16QAM	12	13	21.60	21.60	21.73		
5	16QAM	25	0	21.74	21.94	21.77		
5	64QAM	1	0	21.64	21.65	21.52	23.5	2
5	64QAM	1	12	21.57	21.70	21.64		
5	64QAM	1	24	21.51	21.81	21.54		
5	64QAM	12	0	20.59	20.68	20.78	22.5	3
5	64QAM	12	7	20.58	20.77	20.55		
5	64QAM	12	13	20.60	20.64	20.67		
5	64QAM	25	0	20.73	20.83	20.68		
5	256QAM	1	0	18.53	18.75	18.59	20.5	5
5	256QAM	1	12	18.68	18.64	18.61		
5	256QAM	1	24	18.57	18.54	18.50		
5	256QAM	12	0	18.54	18.65	18.61	20.5	5
5	256QAM	12	7	18.58	18.66	18.67		
5	256QAM	12	13	18.61	18.63	18.60		
5	256QAM	25	0	18.67	18.74	18.56		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.69	23.67	23.59	25.5	0
3	QPSK	1	8	23.51	23.64	23.62		
3	QPSK	1	14	23.60	23.56	23.65		
3	QPSK	8	0	22.78	22.82	22.73	24.5	1
3	QPSK	8	4	22.58	22.80	22.59		
3	QPSK	8	7	22.57	22.69	22.74		
3	QPSK	15	0	22.54	22.53	22.58		
3	16QAM	1	0	22.50	22.68	22.56	24.5	1
3	16QAM	1	8	22.61	22.56	22.57		
3	16QAM	1	14	22.50	22.61	22.61		
3	16QAM	8	0	21.53	21.64	21.64	23.5	2
3	16QAM	8	4	21.52	21.59	21.59		
3	16QAM	8	7	21.54	21.65	21.64		
3	16QAM	15	0	21.78	21.85	21.80		
3	64QAM	1	0	21.61	21.67	21.62	23.5	2
3	64QAM	1	8	21.58	21.73	21.56		
3	64QAM	1	14	21.54	21.70	21.55		
3	64QAM	8	0	20.66	20.65	20.78	22.5	3
3	64QAM	8	4	20.65	20.77	20.62		
3	64QAM	8	7	20.54	20.64	20.65		
3	64QAM	15	0	20.72	20.90	20.77		
3	256QAM	1	0	18.55	18.72	18.69	20.5	5
3	256QAM	1	8	18.56	18.61	18.62		
3	256QAM	1	14	18.51	18.60	18.54		
3	256QAM	8	0	18.61	18.61	18.50	20.5	5
3	256QAM	8	4	18.55	18.67	18.62		
3	256QAM	8	7	18.67	18.75	18.57		
3	256QAM	15	0	18.53	18.80	18.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.66	23.66	23.58	25.5	0
1.4	QPSK	1	3	23.62	23.54	23.55		
1.4	QPSK	1	5	23.67	23.57	23.64		
1.4	QPSK	3	0	23.70	23.66	23.57		
1.4	QPSK	3	1	23.53	23.52	23.57		
1.4	QPSK	3	3	23.51	23.65	23.59		
1.4	QPSK	6	0	22.83	22.93	22.72	24.5	1
1.4	16QAM	1	0	22.62	22.69	22.63	24.5	1
1.4	16QAM	1	3	22.56	22.77	22.77		
1.4	16QAM	1	5	22.63	22.55	22.61		
1.4	16QAM	3	0	22.62	22.59	22.53		
1.4	16QAM	3	1	22.62	22.71	22.59		
1.4	16QAM	3	3	22.58	22.65	22.59		
1.4	16QAM	6	0	21.53	21.60	21.68	23.5	2
1.4	64QAM	1	0	21.57	21.72	21.61	23.5	2
1.4	64QAM	1	3	21.59	21.63	21.72		
1.4	64QAM	1	5	21.71	21.83	21.74		
1.4	64QAM	3	0	21.59	21.71	21.53		
1.4	64QAM	3	1	21.52	21.77	21.60		
1.4	64QAM	3	3	21.59	21.68	21.51		
1.4	64QAM	6	0	20.65	20.73	20.66	22.5	3
1.4	256QAM	1	0	18.60	18.73	18.60	20.5	5
1.4	256QAM	1	3	18.63	18.60	18.61		
1.4	256QAM	1	5	18.50	18.64	18.65		
1.4	256QAM	3	0	18.53	18.63	18.61		
1.4	256QAM	3	1	18.67	18.60	18.66		
1.4	256QAM	3	3	18.66	18.66	18.63		
1.4	256QAM	6	0	18.64	18.75	18.66	20.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.71	24.75	24.54	25.7	0
20	QPSK	1	49	24.66	24.67	24.61		
20	QPSK	1	99	24.58	24.61	24.58		
20	QPSK	50	0	23.77	23.99	23.81	24.7	1
20	QPSK	50	24	23.75	23.82	23.69		
20	QPSK	50	50	23.71	23.88	23.78		
20	QPSK	100	0	23.57	23.61	23.47		
20	16QAM	1	0	23.42	23.52	23.42	24.7	1
20	16QAM	1	49	23.37	23.40	23.42		
20	16QAM	1	99	23.38	23.62	23.50		
20	16QAM	50	0	22.61	22.64	22.65	23.7	2
20	16QAM	50	24	22.54	22.48	22.64		
20	16QAM	50	50	22.56	22.66	22.57		
20	16QAM	100	0	22.65	22.87	22.83		
20	64QAM	1	0	22.53	22.68	22.45	23.7	2
20	64QAM	1	49	22.39	22.66	22.46		
20	64QAM	1	99	22.39	22.69	22.29		
20	64QAM	50	0	21.51	21.77	21.73	22.7	3
20	64QAM	50	24	21.45	21.65	21.62		
20	64QAM	50	50	21.53	21.62	21.65		
20	64QAM	100	0	21.66	21.80	21.80		
20	256QAM	1	0	19.50	19.73	19.43	20.7	5
20	256QAM	1	49	19.49	19.55	19.52		
20	256QAM	1	99	19.40	19.50	19.47		
20	256QAM	50	0	19.63	19.69	19.61	20.7	5
20	256QAM	50	24	19.66	19.58	19.49		
20	256QAM	50	50	19.59	19.69	19.54		
20	256QAM	100	0	19.73	19.69	19.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.68	24.68	24.49	25.7	0
15	QPSK	1	37	24.57	24.58	24.53		
15	QPSK	1	74	24.50	24.52	24.56		
15	QPSK	36	0	23.65	23.87	23.79	24.7	1
15	QPSK	36	20	23.71	23.74	23.63		
15	QPSK	36	39	23.58	23.72	23.72		
15	QPSK	75	0	23.42	23.47	23.32		
15	16QAM	1	0	23.29	23.35	23.36	24.7	1
15	16QAM	1	37	23.26	23.26	23.32		
15	16QAM	1	74	23.22	23.49	23.40		
15	16QAM	36	0	22.51	22.54	22.52	23.7	2
15	16QAM	36	20	22.49	22.37	22.48		
15	16QAM	36	39	22.52	22.50	22.42		
15	16QAM	75	0	22.49	22.84	22.76		
15	64QAM	1	0	22.44	22.55	22.42	23.7	2
15	64QAM	1	37	22.33	22.48	22.32		
15	64QAM	1	74	22.22	22.63	22.15		
15	64QAM	36	0	21.42	21.63	21.64	22.7	3
15	64QAM	36	20	21.27	21.55	21.53		
15	64QAM	36	39	21.45	21.53	21.59		
15	64QAM	75	0	21.49	21.64	21.62		
15	256QAM	1	0	19.47	19.62	19.27	20.7	5
15	256QAM	1	37	19.46	19.38	19.45		
15	256QAM	1	74	19.30	19.47	19.44		
15	256QAM	36	0	19.61	19.53	19.50	20.7	5
15	256QAM	36	20	19.52	19.54	19.42		
15	256QAM	36	39	19.55	19.52	19.43		
15	256QAM	75	0	19.60	19.63	19.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.61	24.58	24.49	25.7	0
10	QPSK	1	25	24.54	24.55	24.54		
10	QPSK	1	49	24.54	24.55	24.40		
10	QPSK	25	0	23.67	23.96	23.75	24.7	1
10	QPSK	25	12	23.62	23.64	23.62		
10	QPSK	25	25	23.63	23.84	23.69		
10	QPSK	50	0	23.42	23.59	23.30		
10	16QAM	1	0	23.39	23.49	23.36	24.7	1
10	16QAM	1	25	23.31	23.32	23.25		
10	16QAM	1	49	23.28	23.60	23.35		
10	16QAM	25	0	22.50	22.50	22.49	23.7	2
10	16QAM	25	12	22.46	22.39	22.61		
10	16QAM	25	25	22.41	22.64	22.46		
10	16QAM	50	0	22.59	22.74	22.81		
10	64QAM	1	0	22.50	22.58	22.39	23.7	2
10	64QAM	1	25	22.23	22.56	22.40		
10	64QAM	1	49	22.35	22.64	22.16		
10	64QAM	25	0	21.48	21.64	21.56	22.7	3
10	64QAM	25	12	21.41	21.57	21.49		
10	64QAM	25	25	21.39	21.59	21.54		
10	64QAM	50	0	21.49	21.73	21.65		
10	256QAM	1	0	19.43	19.58	19.40	20.7	5
10	256QAM	1	25	19.44	19.38	19.35		
10	256QAM	1	49	19.29	19.33	19.32		
10	256QAM	25	0	19.48	19.56	19.53	20.7	5
10	256QAM	25	12	19.52	19.40	19.41		
10	256QAM	25	25	19.46	19.64	19.48		
10	256QAM	50	0	19.68	19.60	19.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.59	24.64	24.51	25.7	0
5	QPSK	1	12	24.60	24.53	24.55		
5	QPSK	1	24	24.52	24.47	24.55		
5	QPSK	12	0	23.60	23.91	23.66	24.7	1
5	QPSK	12	7	23.60	23.70	23.64		
5	QPSK	12	13	23.60	23.85	23.72		
5	QPSK	25	0	23.45	23.50	23.40		
5	16QAM	1	0	23.38	23.43	23.26	24.7	1
5	16QAM	1	12	23.26	23.23	23.26		
5	16QAM	1	24	23.22	23.45	23.42		
5	16QAM	12	0	22.47	22.59	22.54	23.7	2
5	16QAM	12	7	22.40	22.37	22.56		
5	16QAM	12	13	22.44	22.59	22.39		
5	16QAM	25	0	22.48	22.83	22.81		
5	64QAM	1	0	22.37	22.64	22.29	23.7	2
5	64QAM	1	12	22.35	22.61	22.34		
5	64QAM	1	24	22.29	22.64	22.14		
5	64QAM	12	0	21.37	21.66	21.66	22.7	3
5	64QAM	12	7	21.37	21.53	21.45		
5	64QAM	12	13	21.48	21.51	21.49		
5	64QAM	25	0	21.51	21.71	21.77		
5	256QAM	1	0	19.32	19.56	19.33	20.7	5
5	256QAM	1	12	19.47	19.44	19.37		
5	256QAM	1	24	19.23	19.44	19.29		
5	256QAM	12	0	19.55	19.58	19.43	20.7	5
5	256QAM	12	7	19.52	19.54	19.40		
5	256QAM	12	13	19.43	19.62	19.41		
5	256QAM	25	0	19.61	19.63	19.44		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.54	24.66	24.49	25.7	0
3	QPSK	1	8	24.62	24.60	24.43		
3	QPSK	1	14	24.52	24.50	24.51		
3	QPSK	8	0	23.72	23.87	23.72	24.7	1
3	QPSK	8	4	23.58	23.75	23.56		
3	QPSK	8	7	23.69	23.74	23.71		
3	QPSK	15	0	23.42	23.49	23.35		
3	16QAM	1	0	23.29	23.37	23.25	24.7	1
3	16QAM	1	8	23.21	23.27	23.26		
3	16QAM	1	14	23.23	23.44	23.46		
3	16QAM	8	0	22.50	22.60	22.49	23.7	2
3	16QAM	8	4	22.51	22.32	22.46		
3	16QAM	8	7	22.50	22.58	22.40		
3	16QAM	15	0	22.58	22.76	22.71		
3	64QAM	1	0	22.48	22.59	22.31	23.7	2
3	64QAM	1	8	22.21	22.62	22.28		
3	64QAM	1	14	22.24	22.52	22.21		
3	64QAM	8	0	21.38	21.63	21.65	22.7	3
3	64QAM	8	4	21.30	21.52	21.57		
3	64QAM	8	7	21.48	21.50	21.52		
3	64QAM	15	0	21.48	21.75	21.69		
3	256QAM	1	0	19.37	19.63	19.32	20.7	5
3	256QAM	1	8	19.36	19.41	19.47		
3	256QAM	1	14	19.25	19.37	19.29		
3	256QAM	8	0	19.50	19.55	19.54	20.7	5
3	256QAM	8	4	19.49	19.47	19.46		
3	256QAM	8	7	19.46	19.52	19.51		
3	256QAM	15	0	19.58	19.62	19.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.54	24.72	24.51	25.7	0
1.4	QPSK	1	3	24.57	24.62	24.49		
1.4	QPSK	1	5	24.54	24.51	24.54		
1.4	QPSK	3	0	24.53	24.68	24.39		
1.4	QPSK	3	1	24.52	24.56	24.46		
1.4	QPSK	3	3	24.54	24.58	24.44		
1.4	QPSK	6	0	23.59	23.91	23.76	24.7	1
1.4	16QAM	1	0	23.59	23.78	23.65	24.7	1
1.4	16QAM	1	3	23.62	23.74	23.73		
1.4	16QAM	1	5	23.40	23.54	23.34		
1.4	16QAM	3	0	23.37	23.50	23.32		
1.4	16QAM	3	1	23.22	23.28	23.29		
1.4	16QAM	3	3	23.21	23.55	23.33		
1.4	16QAM	6	0	22.43	22.62	22.55	23.7	2
1.4	64QAM	1	0	22.41	22.44	22.46	23.7	2
1.4	64QAM	1	3	22.52	22.59	22.43		
1.4	64QAM	1	5	22.58	22.83	22.70		
1.4	64QAM	3	0	22.42	22.55	22.34		
1.4	64QAM	3	1	22.32	22.58	22.40		
1.4	64QAM	3	3	22.27	22.53	22.12		
1.4	64QAM	6	0	21.43	21.46	21.49	22.7	3
1.4	256QAM	1	0	19.34	19.58	19.34	20.7	5
1.4	256QAM	1	3	19.35	19.48	19.50		
1.4	256QAM	1	5	19.28	19.34	19.30		
1.4	256QAM	3	0	19.59	19.63	19.56		
1.4	256QAM	3	1	19.56	19.46	19.33		
1.4	256QAM	3	3	19.44	19.59	19.50		
1.4	256QAM	6	0	19.71	19.55	19.57	20.7	5

Band 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.56	24.66	24.49	25.7	0
20	QPSK	1	49	24.48	24.53	24.56		
20	QPSK	1	99	24.50	24.46	24.51		
20	QPSK	50	0	23.69	23.83	23.73	24.7	1
20	QPSK	50	24	23.55	23.70	23.54		
20	QPSK	50	50	23.55	23.65	23.62		
20	QPSK	100	0	23.37	23.48	23.28		
20	16QAM	1	0	23.28	23.48	23.35	24.7	1
20	16QAM	1	49	23.27	23.29	23.29		
20	16QAM	1	99	23.28	23.49	23.30		
20	16QAM	50	0	22.42	22.43	22.50	23.7	2
20	16QAM	50	24	22.38	22.39	22.49		
20	16QAM	50	50	22.39	22.52	22.49		
20	16QAM	100	0	22.53	22.80	22.67		
20	64QAM	1	0	22.33	22.45	22.32	23.7	2
20	64QAM	1	49	22.30	22.42	22.34		
20	64QAM	1	99	22.28	22.56	22.19		
20	64QAM	50	0	21.44	21.56	21.61	22.7	3
20	64QAM	50	24	21.40	21.53	21.38		
20	64QAM	50	50	21.38	21.44	21.47		
20	64QAM	100	0	21.51	21.67	21.66		
20	256QAM	1	0	19.41	19.63	19.35	20.7	5
20	256QAM	1	49	19.29	19.44	19.38		
20	256QAM	1	99	19.28	19.28	19.32		
20	256QAM	50	0	19.46	19.55	19.53	20.7	5
20	256QAM	50	24	19.45	19.43	19.36		
20	256QAM	50	50	19.44	19.64	19.42		
20	256QAM	100	0	19.57	19.64	19.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.57	24.33	25.7	0
15	QPSK	1	37	24.42	24.36	24.48		
15	QPSK	1	74	24.34	24.37	24.48		
15	QPSK	36	0	23.55	23.79	23.60	24.7	1
15	QPSK	36	20	23.41	23.67	23.44		
15	QPSK	36	39	23.46	23.52	23.56		
15	QPSK	75	0	23.24	23.44	23.10		
15	16QAM	1	0	23.18	23.35	23.30	24.7	1
15	16QAM	1	37	23.21	23.23	23.18		
15	16QAM	1	74	23.12	23.41	23.24		
15	16QAM	36	0	22.34	22.30	22.45	23.7	2
15	16QAM	36	20	22.28	22.28	22.34		
15	16QAM	36	39	22.32	22.44	22.47		
15	16QAM	75	0	22.39	22.70	22.62		
15	64QAM	1	0	22.18	22.32	22.18	23.7	2
15	64QAM	1	37	22.19	22.30	22.22		
15	64QAM	1	74	22.19	22.46	22.06		
15	64QAM	36	0	21.33	21.45	21.45	22.7	3
15	64QAM	36	20	21.34	21.49	21.32		
15	64QAM	36	39	21.27	21.39	21.42		
15	64QAM	75	0	21.33	21.50	21.49		
15	256QAM	1	0	19.24	19.60	19.31	20.7	5
15	256QAM	1	37	19.13	19.26	19.34		
15	256QAM	1	74	19.14	19.13	19.14		
15	256QAM	36	0	19.36	19.44	19.50	20.7	5
15	256QAM	36	20	19.35	19.40	19.25		
15	256QAM	36	39	19.38	19.57	19.34		
15	256QAM	75	0	19.54	19.55	19.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.42	24.58	24.36	25.7	0
10	QPSK	1	25	24.31	24.38	24.48		
10	QPSK	1	49	24.40	24.40	24.35		
10	QPSK	25	0	23.56	23.78	23.59	24.7	1
10	QPSK	25	12	23.51	23.66	23.42		
10	QPSK	25	25	23.46	23.49	23.53		
10	QPSK	50	0	23.31	23.36	23.11		
10	16QAM	1	0	23.21	23.30	23.32	24.7	1
10	16QAM	1	25	23.21	23.22	23.13		
10	16QAM	1	49	23.23	23.40	23.13		
10	16QAM	25	0	22.30	22.28	22.47	23.7	2
10	16QAM	25	12	22.33	22.31	22.35		
10	16QAM	25	25	22.27	22.42	22.37		
10	16QAM	50	0	22.37	22.73	22.50		
10	64QAM	1	0	22.30	22.41	22.16	23.7	2
10	64QAM	1	25	22.19	22.24	22.24		
10	64QAM	1	49	22.25	22.48	22.09		
10	64QAM	25	0	21.41	21.48	21.50	22.7	3
10	64QAM	25	12	21.24	21.48	21.36		
10	64QAM	25	25	21.34	21.40	21.35		
10	64QAM	50	0	21.41	21.51	21.49		
10	256QAM	1	0	19.35	19.46	19.29	20.7	5
10	256QAM	1	25	19.19	19.26	19.36		
10	256QAM	1	49	19.11	19.22	19.25		
10	256QAM	25	0	19.28	19.42	19.38	20.7	5
10	256QAM	25	12	19.28	19.40	19.27		
10	256QAM	25	25	19.28	19.58	19.36		
10	256QAM	50	0	19.41	19.60	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.51	24.48	24.32	25.7	0
5	QPSK	1	12	24.40	24.44	24.47		
5	QPSK	1	24	24.47	24.43	24.48		
5	QPSK	12	0	23.52	23.70	23.66	24.7	1
5	QPSK	12	7	23.44	23.60	23.45		
5	QPSK	12	13	23.50	23.54	23.50		
5	QPSK	25	0	23.34	23.40	23.14		
5	16QAM	1	0	23.15	23.31	23.20	24.7	1
5	16QAM	1	12	23.17	23.12	23.25		
5	16QAM	1	24	23.17	23.37	23.19		
5	16QAM	12	0	22.36	22.28	22.47	23.7	2
5	16QAM	12	7	22.24	22.33	22.40		
5	16QAM	12	13	22.30	22.34	22.39		
5	16QAM	25	0	22.50	22.63	22.63		
5	64QAM	1	0	22.25	22.28	22.18	23.7	2
5	64QAM	1	12	22.18	22.38	22.22		
5	64QAM	1	24	22.26	22.49	22.02		
5	64QAM	12	0	21.28	21.47	21.56	22.7	3
5	64QAM	12	7	21.35	21.45	21.25		
5	64QAM	12	13	21.22	21.39	21.29		
5	64QAM	25	0	21.35	21.53	21.49		
5	256QAM	1	0	19.25	19.51	19.20	20.7	5
5	256QAM	1	12	19.14	19.27	19.28		
5	256QAM	1	24	19.11	19.15	19.22		
5	256QAM	12	0	19.37	19.48	19.47	20.7	5
5	256QAM	12	7	19.39	19.29	19.19		
5	256QAM	12	13	19.27	19.57	19.32		
5	256QAM	25	0	19.40	19.59	19.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.81	23.82	23.61	25.5	0
20	QPSK	1	49	23.70	23.69	23.71		
20	QPSK	1	99	23.65	23.66	23.68		
20	QPSK	50	0	22.85	23.02	22.91	24.5	1
20	QPSK	50	24	22.82	22.85	22.74		
20	QPSK	50	50	22.80	22.89	22.81		
20	QPSK	100	0	22.63	22.74	22.55		
20	16QAM	1	0	22.55	22.63	22.58	24.5	1
20	16QAM	1	49	22.52	22.54	22.52		
20	16QAM	1	99	22.59	22.59	22.57		
20	16QAM	50	0	21.70	21.68	21.66	23.5	2
20	16QAM	50	24	21.56	21.54	21.63		
20	16QAM	50	50	21.59	21.70	21.63		
20	16QAM	100	0	21.76	22.01	21.87		
20	64QAM	1	0	21.55	21.65	21.54	23.5	2
20	64QAM	1	49	21.51	21.69	21.56		
20	64QAM	1	99	21.59	21.72	21.55		
20	64QAM	50	0	20.53	20.80	20.86	22.5	3
20	64QAM	50	24	20.58	20.79	20.60		
20	64QAM	50	50	20.64	20.69	20.67		
20	64QAM	100	0	20.73	20.84	20.79		
20	256QAM	1	0	18.66	18.78	18.56	20.5	5
20	256QAM	1	49	18.57	18.62	18.55		
20	256QAM	1	99	18.51	18.59	18.51		
20	256QAM	50	0	18.68	18.72	18.67	20.5	5
20	256QAM	50	24	18.74	18.71	18.54		
20	256QAM	50	50	18.67	18.75	18.60		
20	256QAM	100	0	18.70	18.84	18.73		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.72	23.81	23.64	25.5	0
15	QPSK	1	37	23.79	23.78	23.70		
15	QPSK	1	74	23.68	23.70	23.71		
15	QPSK	36	0	22.83	23.09	22.88	24.5	1
15	QPSK	36	20	22.92	22.82	22.70		
15	QPSK	36	39	22.81	22.91	22.85		
15	QPSK	75	0	22.70	22.70	22.61		
15	16QAM	1	0	22.61	22.63	22.68	24.5	1
15	16QAM	1	37	22.55	22.53	22.51		
15	16QAM	1	74	22.56	22.66	22.55		
15	16QAM	36	0	21.70	21.76	21.74	23.5	2
15	16QAM	36	20	21.64	21.52	21.64		
15	16QAM	36	39	21.56	21.71	21.72		
15	16QAM	75	0	21.73	22.12	21.96		
15	64QAM	1	0	21.65	21.68	21.64	23.5	2
15	64QAM	1	37	21.58	21.79	21.56		
15	64QAM	1	74	21.56	21.72	21.57		
15	64QAM	36	0	20.64	20.77	20.88	22.5	3
15	64QAM	36	20	20.60	20.87	20.63		
15	64QAM	36	39	20.72	20.75	20.71		
15	64QAM	75	0	20.70	20.95	20.79		
15	256QAM	1	0	18.72	18.81	18.59	20.5	5
15	256QAM	1	37	18.55	18.59	18.61		
15	256QAM	1	74	18.52	18.58	18.58		
15	256QAM	36	0	18.66	18.75	18.75	20.5	5
15	256QAM	36	20	18.82	18.79	18.62		
15	256QAM	36	39	18.70	18.84	18.67		
15	256QAM	75	0	18.78	18.90	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.61	23.77	23.59	25.5	0
10	QPSK	1	25	23.77	23.78	23.62		
10	QPSK	1	49	23.73	23.68	23.69		
10	QPSK	25	0	22.80	23.02	22.77	24.5	1
10	QPSK	25	12	22.94	22.75	22.72		
10	QPSK	25	25	22.83	22.89	22.75		
10	QPSK	50	0	22.64	22.71	22.59		
10	16QAM	1	0	22.54	22.67	22.58	24.5	1
10	16QAM	1	25	22.54	22.58	22.51		
10	16QAM	1	49	22.58	22.66	22.55		
10	16QAM	25	0	21.71	21.66	21.69	23.5	2
10	16QAM	25	12	21.64	21.57	21.64		
10	16QAM	25	25	21.55	21.72	21.64		
10	16QAM	50	0	21.64	22.12	21.91		
10	64QAM	1	0	21.59	21.66	21.56	23.5	2
10	64QAM	1	25	21.55	21.68	21.57		
10	64QAM	1	49	21.57	21.76	21.59		
10	64QAM	25	0	20.66	20.68	20.78	22.5	3
10	64QAM	25	12	20.56	20.80	20.62		
10	64QAM	25	25	20.77	20.72	20.75		
10	64QAM	50	0	20.67	20.96	20.77		
10	256QAM	1	0	18.66	18.71	18.51	20.5	5
10	256QAM	1	25	18.58	18.51	18.59		
10	256QAM	1	49	18.56	18.63	18.53		
10	256QAM	25	0	18.58	18.75	18.71	20.5	5
10	256QAM	25	12	18.80	18.80	18.55		
10	256QAM	25	25	18.66	18.81	18.67		
10	256QAM	50	0	18.82	18.92	18.81		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.70	23.76	23.54	25.5	0
5	QPSK	1	12	23.72	23.74	23.72		
5	QPSK	1	24	23.59	23.62	23.69		
5	QPSK	12	0	22.81	23.00	22.82	24.5	1
5	QPSK	12	7	22.93	22.75	22.67		
5	QPSK	12	13	22.73	22.82	22.86		
5	QPSK	25	0	22.58	22.70	22.55		
5	16QAM	1	0	22.51	22.60	22.68	24.5	1
5	16QAM	1	12	22.56	22.52	22.51		
5	16QAM	1	24	22.59	22.56	22.60		
5	16QAM	12	0	21.70	21.74	21.70	23.5	2
5	16QAM	12	7	21.58	21.53	21.67		
5	16QAM	12	13	21.58	21.65	21.64		
5	16QAM	25	0	21.62	22.12	22.01		
5	64QAM	1	0	21.66	21.69	21.58	23.5	2
5	64QAM	1	12	21.58	21.73	21.57		
5	64QAM	1	24	21.56	21.72	21.59		
5	64QAM	12	0	20.68	20.70	20.81	22.5	3
5	64QAM	12	7	20.60	20.82	20.52		
5	64QAM	12	13	20.69	20.80	20.61		
5	64QAM	25	0	20.67	20.89	20.70		
5	256QAM	1	0	18.72	18.81	18.57	20.5	5
5	256QAM	1	12	18.55	18.59	18.54		
5	256QAM	1	24	18.52	18.61	18.54		
5	256QAM	12	0	18.58	18.79	18.74	20.5	5
5	256QAM	12	7	18.81	18.72	18.52		
5	256QAM	12	13	18.73	18.75	18.71		
5	256QAM	25	0	18.83	18.84	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.68	23.72	23.59	25.5	0
3	QPSK	1	8	23.78	23.71	23.70		
3	QPSK	1	14	23.70	23.75	23.69		
3	QPSK	8	0	22.87	23.04	22.88	24.5	1
3	QPSK	8	4	22.92	22.74	22.75		
3	QPSK	8	7	22.80	22.81	22.85		
3	QPSK	15	0	22.67	22.65	22.51		
3	16QAM	1	0	22.64	22.57	22.65	24.5	1
3	16QAM	1	8	22.56	22.57	22.54		
3	16QAM	1	14	22.52	22.66	22.51		
3	16QAM	8	0	21.72	21.73	21.77	23.5	2
3	16QAM	8	4	21.56	21.57	21.57		
3	16QAM	8	7	21.57	21.72	21.63		
3	16QAM	15	0	21.69	22.08	21.97		
3	64QAM	1	0	21.69	21.64	21.53	23.5	2
3	64QAM	1	8	21.58	21.78	21.54		
3	64QAM	1	14	21.58	21.74	21.56		
3	64QAM	8	0	20.58	20.77	20.88	22.5	3
3	64QAM	8	4	20.60	20.86	20.54		
3	64QAM	8	7	20.76	20.71	20.70		
3	64QAM	15	0	20.75	20.99	20.70		
3	256QAM	1	0	18.72	18.81	18.59	20.5	5
3	256QAM	1	8	18.58	18.51	18.62		
3	256QAM	1	14	18.62	18.52	18.55		
3	256QAM	8	0	18.68	18.65	18.74	20.5	5
3	256QAM	8	4	18.80	18.77	18.66		
3	256QAM	8	7	18.60	18.75	18.65		
3	256QAM	15	0	18.71	18.86	18.79		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.62	23.79	23.66	25.5	0
1.4	QPSK	1	3	23.72	23.74	23.66		
1.4	QPSK	1	5	23.60	23.64	23.68		
1.4	QPSK	3	0	23.73	23.80	23.56		
1.4	QPSK	3	1	23.68	23.79	23.67		
1.4	QPSK	3	3	23.68	23.66	23.61		
1.4	QPSK	6	0	22.79	22.99	22.85	24.5	1
1.4	16QAM	1	0	22.82	22.87	22.67	24.5	1
1.4	16QAM	1	3	22.85	22.86	22.81		
1.4	16QAM	1	5	22.59	22.62	22.51		
1.4	16QAM	3	0	22.62	22.57	22.71		
1.4	16QAM	3	1	22.56	22.54	22.52		
1.4	16QAM	3	3	22.54	22.61	22.55		
1.4	16QAM	6	0	21.71	21.79	21.63	23.5	2
1.4	64QAM	1	0	21.65	21.59	21.57	23.5	2
1.4	64QAM	1	3	21.56	21.67	21.67		
1.4	64QAM	1	5	21.89	21.96	21.92		
1.4	64QAM	3	0	21.68	21.67	21.56		
1.4	64QAM	3	1	21.53	21.73	21.50		
1.4	64QAM	3	3	21.55	21.64	21.57		
1.4	64QAM	6	0	20.64	20.71	20.91	22.5	3
1.4	256QAM	1	0	18.73	18.83	18.57	20.5	5
1.4	256QAM	1	3	18.51	18.51	18.54		
1.4	256QAM	1	5	18.50	18.66	18.62		
1.4	256QAM	3	0	18.61	18.75	18.70		
1.4	256QAM	3	1	18.72	18.74	18.58		
1.4	256QAM	3	3	18.65	18.86	18.62		
1.4	256QAM	6	0	18.73	18.85	18.75	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.56	24.83	24.37	25.7	0
20	QPSK	1	49	24.46	24.73	24.51		
20	QPSK	1	99	24.47	24.66	24.49		
20	QPSK	50	0	23.66	23.98	23.72	24.7	1
20	QPSK	50	24	23.54	23.90	23.62		
20	QPSK	50	50	23.53	23.94	23.67		
20	QPSK	100	0	23.41	23.68	23.30		
20	16QAM	1	0	23.32	23.61	23.28	24.7	1
20	16QAM	1	49	23.31	23.45	23.31		
20	16QAM	1	99	23.21	23.62	23.36		
20	16QAM	50	0	22.50	22.71	22.51	23.7	2
20	16QAM	50	24	22.28	22.59	22.48		
20	16QAM	50	50	22.35	22.67	22.49		
20	16QAM	100	0	22.51	22.96	22.69		
20	64QAM	1	0	22.34	22.66	22.36	23.7	2
20	64QAM	1	49	22.31	22.62	22.29		
20	64QAM	1	99	22.24	22.81	22.24		
20	64QAM	50	0	21.41	21.80	21.68	22.7	3
20	64QAM	50	24	21.33	21.73	21.44		
20	64QAM	50	50	21.43	21.75	21.49		
20	64QAM	100	0	21.55	21.90	21.60		
20	256QAM	1	0	19.41	19.80	19.34	20.7	5
20	256QAM	1	49	19.33	19.66	19.41		
20	256QAM	1	99	19.36	19.58	19.25		
20	256QAM	50	0	19.56	19.73	19.45	20.7	5
20	256QAM	50	24	19.48	19.67	19.40		
20	256QAM	50	50	19.45	19.84	19.44		
20	256QAM	100	0	19.51	19.84	19.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.48	24.53	24.35	25.7	0
15	QPSK	1	37	24.37	24.39	24.36		
15	QPSK	1	74	24.29	24.43	24.33		
15	QPSK	36	0	23.63	23.71	23.65	24.7	1
15	QPSK	36	20	23.48	23.53	23.48		
15	QPSK	36	39	23.39	23.57	23.65		
15	QPSK	75	0	23.32	23.41	23.22		
15	16QAM	1	0	23.15	23.27	23.13	24.7	1
15	16QAM	1	37	23.18	23.08	23.21		
15	16QAM	1	74	23.15	23.36	23.33		
15	16QAM	36	0	22.46	22.36	22.49	23.7	2
15	16QAM	36	20	22.18	22.26	22.42		
15	16QAM	36	39	22.33	22.34	22.37		
15	16QAM	75	0	22.35	22.70	22.57		
15	64QAM	1	0	22.25	22.32	22.22	23.7	2
15	64QAM	1	37	22.25	22.26	22.20		
15	64QAM	1	74	22.07	22.50	22.16		
15	64QAM	36	0	21.36	21.53	21.58	22.7	3
15	64QAM	36	20	21.26	21.42	21.34		
15	64QAM	36	39	21.34	21.50	21.36		
15	64QAM	75	0	21.39	21.65	21.46		
15	256QAM	1	0	19.24	19.47	19.27	20.7	5
15	256QAM	1	37	19.20	19.37	19.29		
15	256QAM	1	74	19.30	19.25	19.10		
15	256QAM	36	0	19.48	19.37	19.27	20.7	5
15	256QAM	36	20	19.42	19.39	19.37		
15	256QAM	36	39	19.36	19.56	19.39		
15	256QAM	75	0	19.34	19.58	19.38		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.54	24.47	24.28	25.7	0
10	QPSK	1	25	24.32	24.44	24.49		
10	QPSK	1	49	24.44	24.36	24.37		
10	QPSK	25	0	23.54	23.71	23.61	24.7	1
10	QPSK	25	12	23.48	23.64	23.46		
10	QPSK	25	25	23.49	23.59	23.65		
10	QPSK	50	0	23.34	23.39	23.13		
10	16QAM	1	0	23.26	23.34	23.19	24.7	1
10	16QAM	1	25	23.14	23.07	23.19		
10	16QAM	1	49	23.05	23.33	23.22		
10	16QAM	25	0	22.43	22.35	22.46	23.7	2
10	16QAM	25	12	22.13	22.22	22.40		
10	16QAM	25	25	22.30	22.41	22.47		
10	16QAM	50	0	22.44	22.63	22.51		
10	64QAM	1	0	22.22	22.39	22.34	23.7	2
10	64QAM	1	25	22.23	22.35	22.15		
10	64QAM	1	49	22.09	22.54	22.07		
10	64QAM	25	0	21.25	21.48	21.65	22.7	3
10	64QAM	25	12	21.19	21.51	21.39		
10	64QAM	25	25	21.32	21.37	21.45		
10	64QAM	50	0	21.46	21.64	21.49		
10	256QAM	1	0	19.30	19.52	19.29	20.7	5
10	256QAM	1	25	19.22	19.31	19.30		
10	256QAM	1	49	19.18	19.34	19.15		
10	256QAM	25	0	19.44	19.39	19.38	20.7	5
10	256QAM	25	12	19.41	19.33	19.33		
10	256QAM	25	25	19.32	19.46	19.37		
10	256QAM	50	0	19.49	19.53	19.35		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.47	24.49	24.30	25.7	0
5	QPSK	1	12	24.37	24.41	24.49		
5	QPSK	1	24	24.37	24.40	24.41		
5	QPSK	12	0	23.55	23.62	23.66	24.7	1
5	QPSK	12	7	23.42	23.57	23.58		
5	QPSK	12	13	23.47	23.65	23.54		
5	QPSK	25	0	23.24	23.45	23.26		
5	16QAM	1	0	23.22	23.27	23.15	24.7	1
5	16QAM	1	12	23.28	23.14	23.17		
5	16QAM	1	24	23.18	23.24	23.23		
5	16QAM	12	0	22.43	22.35	22.39	23.7	2
5	16QAM	12	7	22.24	22.34	22.45		
5	16QAM	12	13	22.30	22.30	22.46		
5	16QAM	25	0	22.34	22.71	22.53		
5	64QAM	1	0	22.30	22.34	22.18	23.7	2
5	64QAM	1	12	22.24	22.32	22.18		
5	64QAM	1	24	22.15	22.54	22.16		
5	64QAM	12	0	21.23	21.46	21.54	22.7	3
5	64QAM	12	7	21.23	21.36	21.40		
5	64QAM	12	13	21.40	21.43	21.39		
5	64QAM	25	0	21.51	21.67	21.55		
5	256QAM	1	0	19.34	19.54	19.17	20.7	5
5	256QAM	1	12	19.23	19.33	19.24		
5	256QAM	1	24	19.26	19.21	19.23		
5	256QAM	12	0	19.50	19.50	19.37	20.7	5
5	256QAM	12	7	19.30	19.29	19.29		
5	256QAM	12	13	19.35	19.59	19.30		
5	256QAM	25	0	19.46	19.61	19.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.45	24.52	24.29	25.7	0
3	QPSK	1	8	24.42	24.41	24.40		
3	QPSK	1	14	24.43	24.33	24.32		
3	QPSK	8	0	23.49	23.64	23.56	24.7	1
3	QPSK	8	4	23.37	23.65	23.46		
3	QPSK	8	7	23.39	23.65	23.50		
3	QPSK	15	0	23.28	23.39	23.12		
3	16QAM	1	0	23.14	23.29	23.12	24.7	1
3	16QAM	1	8	23.14	23.11	23.27		
3	16QAM	1	14	23.15	23.26	23.33		
3	16QAM	8	0	22.45	22.34	22.49	23.7	2
3	16QAM	8	4	22.10	22.36	22.44		
3	16QAM	8	7	22.20	22.38	22.33		
3	16QAM	15	0	22.48	22.62	22.64		
3	64QAM	1	0	22.31	22.36	22.27	23.7	2
3	64QAM	1	8	22.14	22.30	22.13		
3	64QAM	1	14	22.11	22.58	22.12		
3	64QAM	8	0	21.26	21.54	21.66	22.7	3
3	64QAM	8	4	21.22	21.41	21.31		
3	64QAM	8	7	21.33	21.43	21.43		
3	64QAM	15	0	21.37	21.52	21.46		
3	256QAM	1	0	19.27	19.47	19.23	20.7	5
3	256QAM	1	8	19.22	19.34	19.27		
3	256QAM	1	14	19.25	19.35	19.22		
3	256QAM	8	0	19.44	19.36	19.31	20.7	5
3	256QAM	8	4	19.35	19.34	19.22		
3	256QAM	8	7	19.28	19.48	19.31		
3	256QAM	15	0	19.36	19.53	19.40		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.41	24.57	24.20	25.7	0
1.4	QPSK	1	3	24.31	24.37	24.47		
1.4	QPSK	1	5	24.30	24.44	24.41		
1.4	QPSK	3	0	24.53	24.51	24.32		
1.4	QPSK	3	1	24.36	24.40	24.39		
1.4	QPSK	3	3	24.31	24.43	24.36		
1.4	QPSK	6	0	23.58	23.70	23.64	24.7	1
1.4	16QAM	1	0	23.17	23.28	23.14	24.7	1
1.4	16QAM	1	3	23.29	23.21	23.23		
1.4	16QAM	1	5	23.18	23.38	23.23		
1.4	16QAM	3	0	23.25	23.33	23.13		
1.4	16QAM	3	1	23.24	23.13	23.13		
1.4	16QAM	3	3	23.15	23.31	23.24		
1.4	16QAM	6	0	22.48	22.40	22.41	23.7	2
1.4	64QAM	1	0	22.22	22.27	22.45	23.7	2
1.4	64QAM	1	3	22.33	22.40	22.34		
1.4	64QAM	1	5	22.41	22.64	22.57		
1.4	64QAM	3	0	22.25	22.32	22.31		
1.4	64QAM	3	1	22.19	22.28	22.24		
1.4	64QAM	3	3	22.10	22.51	22.21		
1.4	64QAM	6	0	21.31	21.58	21.60	22.7	3
1.4	256QAM	1	0	19.24	19.45	19.31	20.7	5
1.4	256QAM	1	3	19.31	19.31	19.33		
1.4	256QAM	1	5	19.33	19.21	19.18		
1.4	256QAM	3	0	19.52	19.36	19.35		
1.4	256QAM	3	1	19.43	19.32	19.26		
1.4	256QAM	3	3	19.37	19.56	19.29		
1.4	256QAM	6	0	19.35	19.58	19.31	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.64	24.68	24.44	25.7	0
20	QPSK	1	49	24.51	24.61	24.63		
20	QPSK	1	99	24.50	24.46	24.57		
20	QPSK	50	0	23.74	23.85	23.73	24.7	1
20	QPSK	50	24	23.60	23.69	23.63		
20	QPSK	50	50	23.61	23.78	23.68		
20	QPSK	100	0	23.48	23.53	23.43		
20	16QAM	1	0	23.32	23.44	23.45		
20	16QAM	1	49	23.29	23.30	23.29	24.7	1
20	16QAM	1	99	23.33	23.48	23.43		
20	16QAM	50	0	22.48	22.56	22.49	23.7	2
20	16QAM	50	24	22.43	22.46	22.54		
20	16QAM	50	50	22.39	22.54	22.57		
20	16QAM	100	0	22.65	22.85	22.76		
20	64QAM	1	0	22.32	22.50	22.40	23.7	2
20	64QAM	1	49	22.32	22.55	22.40		
20	64QAM	1	99	22.24	22.63	22.27		
20	64QAM	50	0	21.49	21.66	21.73	22.7	3
20	64QAM	50	24	21.45	21.58	21.51		
20	64QAM	50	50	21.51	21.52	21.47		
20	64QAM	100	0	21.59	21.75	21.66		
20	256QAM	1	0	19.46	19.57	19.38	20.7	5
20	256QAM	1	49	19.35	19.47	19.42		
20	256QAM	1	99	19.33	19.44	19.29		
20	256QAM	50	0	19.57	19.57	19.49	20.7	5
20	256QAM	50	24	19.59	19.50	19.45		
20	256QAM	50	50	19.47	19.65	19.45		
20	256QAM	100	0	19.57	19.66	19.58		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.54	24.57	24.27	25.7	0
15	QPSK	1	37	24.45	24.46	24.55		
15	QPSK	1	74	24.43	24.44	24.46		
15	QPSK	36	0	23.64	23.79	23.59	24.7	1
15	QPSK	36	20	23.50	23.66	23.59		
15	QPSK	36	39	23.44	23.60	23.59		
15	QPSK	75	0	23.35	23.41	23.26		
15	16QAM	1	0	23.14	23.39	23.30	24.7	1
15	16QAM	1	37	23.18	23.14	23.15		
15	16QAM	1	74	23.16	23.34	23.26		
15	16QAM	36	0	22.32	22.49	22.36	23.7	2
15	16QAM	36	20	22.25	22.41	22.40		
15	16QAM	36	39	22.33	22.40	22.44		
15	16QAM	75	0	22.55	22.69	22.68		
15	64QAM	1	0	22.22	22.33	22.29	23.7	2
15	64QAM	1	37	22.18	22.39	22.30		
15	64QAM	1	74	22.15	22.58	22.10		
15	64QAM	36	0	21.36	21.52	21.67	22.7	3
15	64QAM	36	20	21.33	21.48	21.34		
15	64QAM	36	39	21.43	21.47	21.43		
15	64QAM	75	0	21.42	21.65	21.57		
15	256QAM	1	0	19.38	19.50	19.21	20.7	5
15	256QAM	1	37	19.23	19.43	19.36		
15	256QAM	1	74	19.27	19.33	19.25		
15	256QAM	36	0	19.46	19.51	19.34	20.7	5
15	256QAM	36	20	19.42	19.33	19.34		
15	256QAM	36	39	19.30	19.57	19.39		
15	256QAM	75	0	19.54	19.57	19.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.58	24.62	24.39	25.7	0
10	QPSK	1	25	24.48	24.51	24.56		
10	QPSK	1	49	24.41	24.43	24.44		
10	QPSK	25	0	23.59	23.83	23.59	24.7	1
10	QPSK	25	12	23.48	23.65	23.52		
10	QPSK	25	25	23.55	23.74	23.64		
10	QPSK	50	0	23.33	23.36	23.29		
10	16QAM	1	0	23.25	23.35	23.41	24.7	1
10	16QAM	1	25	23.12	23.21	23.19		
10	16QAM	1	49	23.18	23.45	23.34		
10	16QAM	25	0	22.33	22.39	22.37	23.7	2
10	16QAM	25	12	22.39	22.37	22.50		
10	16QAM	25	25	22.31	22.48	22.46		
10	16QAM	50	0	22.59	22.72	22.59		
10	64QAM	1	0	22.29	22.38	22.32	23.7	2
10	64QAM	1	25	22.24	22.46	22.30		
10	64QAM	1	49	22.11	22.59	22.13		
10	64QAM	25	0	21.44	21.54	21.60	22.7	3
10	64QAM	25	12	21.27	21.44	21.42		
10	64QAM	25	25	21.44	21.45	21.42		
10	64QAM	50	0	21.53	21.62	21.49		
10	256QAM	1	0	19.32	19.51	19.35	20.7	5
10	256QAM	1	25	19.27	19.43	19.35		
10	256QAM	1	49	19.16	19.36	19.15		
10	256QAM	25	0	19.47	19.48	19.41	20.7	5
10	256QAM	25	12	19.55	19.41	19.35		
10	256QAM	25	25	19.34	19.55	19.40		
10	256QAM	50	0	19.40	19.63	19.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.50	24.57	24.29	25.7	0
5	QPSK	1	12	24.48	24.47	24.45		
5	QPSK	1	24	24.33	24.39	24.54		
5	QPSK	12	0	23.57	23.74	23.56	24.7	1
5	QPSK	12	7	23.49	23.58	23.45		
5	QPSK	12	13	23.57	23.61	23.52		
5	QPSK	25	0	23.42	23.48	23.29		
5	16QAM	1	0	23.16	23.36	23.33	24.7	1
5	16QAM	1	12	23.22	23.17	23.16		
5	16QAM	1	24	23.26	23.31	23.31		
5	16QAM	12	0	22.42	22.44	22.32	23.7	2
5	16QAM	12	7	22.28	22.43	22.49		
5	16QAM	12	13	22.33	22.44	22.39		
5	16QAM	25	0	22.56	22.72	22.65		
5	64QAM	1	0	22.26	22.40	22.29	23.7	2
5	64QAM	1	12	22.26	22.48	22.35		
5	64QAM	1	24	22.20	22.51	22.15		
5	64QAM	12	0	21.42	21.57	21.57	22.7	3
5	64QAM	12	7	21.26	21.50	21.43		
5	64QAM	12	13	21.38	21.40	21.34		
5	64QAM	25	0	21.52	21.71	21.49		
5	256QAM	1	0	19.41	19.43	19.33	20.7	5
5	256QAM	1	12	19.23	19.39	19.29		
5	256QAM	1	24	19.27	19.34	19.26		
5	256QAM	12	0	19.49	19.51	19.34	20.7	5
5	256QAM	12	7	19.48	19.32	19.39		
5	256QAM	12	13	19.31	19.54	19.30		
5	256QAM	25	0	19.54	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.53	24.57	24.64	24.39	24.58	25.7	0
20	QPSK	1	49	24.43	24.44	24.49	24.51	24.40		
20	QPSK	1	99	24.45	24.52	24.45	24.45	24.44		
20	QPSK	50	0	23.63	23.67	23.85	23.69	23.65	24.7	1
20	QPSK	50	24	23.50	23.56	23.68	23.58	23.59		
20	QPSK	50	50	23.52	23.52	23.74	23.66	23.55		
20	QPSK	100	0	23.44	23.46	23.48	23.38	23.36		
20	16QAM	1	0	23.32	23.39	23.41	23.30	23.29	24.7	1
20	16QAM	1	49	23.24	23.28	23.28	23.28	23.30		
20	16QAM	1	99	23.24	23.25	23.47	23.33	23.18		
20	16QAM	50	0	22.42	22.48	22.52	22.54	22.40	23.7	2
20	16QAM	50	24	22.30	22.30	22.39	22.39	22.35		
20	16QAM	50	50	22.35	22.35	22.55	22.53	22.34		
20	16QAM	100	0	22.50	22.59	22.80	22.61	22.56		
20	64QAM	1	0	22.30	22.31	22.46	22.37	22.28	23.7	2
20	64QAM	1	49	22.23	22.24	22.47	22.25	22.24		
20	64QAM	1	99	22.24	22.27	22.61	22.18	22.14		
20	64QAM	50	0	21.32	21.35	21.61	21.61	21.37	22.7	3
20	64QAM	50	24	21.26	21.38	21.49	21.43	21.33		
20	64QAM	50	50	21.32	21.41	21.50	21.40	21.33		
20	64QAM	100	0	21.42	21.55	21.70	21.63	21.49		
20	256QAM	1	0	19.39	19.36	19.56	19.37	19.31	20.7	5
20	256QAM	1	49	19.32	19.35	19.45	19.31	19.33		
20	256QAM	1	99	19.24	19.25	19.34	19.32	19.25		
20	256QAM	50	0	19.50	19.50	19.58	19.52	19.48	20.7	5
20	256QAM	50	24	19.49	19.56	19.47	19.33	19.47		
20	256QAM	50	50	19.36	19.48	19.55	19.38	19.42		
20	256QAM	100	0	19.55	19.58	19.65	19.54	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.44	24.54	24.52	24.26	24.51	26	0
15	QPSK	1	37	24.39	24.32	24.47	24.37	24.35		
15	QPSK	1	74	24.31	24.35	24.33	24.36	24.33		
15	QPSK	36	0	23.53	23.53	23.82	23.53	23.50	24.7	1
15	QPSK	36	20	23.45	23.48	23.60	23.41	23.48		
15	QPSK	36	39	23.47	23.44	23.72	23.55	23.50		
15	QPSK	75	0	23.35	23.35	23.36	23.26	23.32		
15	16QAM	1	0	23.19	23.35	23.30	23.20	23.15	24.7	1
15	16QAM	1	37	23.10	23.16	23.19	23.22	23.13		
15	16QAM	1	74	23.09	23.17	23.43	23.28	23.14		
15	16QAM	36	0	22.35	22.31	22.43	22.42	22.26	23.7	2
15	16QAM	36	20	22.25	22.25	22.33	22.27	22.20		
15	16QAM	36	39	22.18	22.22	22.41	22.39	22.27		
15	16QAM	75	0	22.42	22.54	22.78	22.56	22.52		
15	64QAM	1	0	22.14	22.20	22.29	22.21	22.13	23.7	2
15	64QAM	1	37	22.15	22.12	22.43	22.09	22.20		
15	64QAM	1	74	22.12	22.19	22.46	22.02	22.00		
15	64QAM	36	0	21.27	21.28	21.45	21.56	21.31	22.7	3
15	64QAM	36	20	21.23	21.28	21.37	21.39	21.23		
15	64QAM	36	39	21.20	21.31	21.33	21.31	21.21		
15	64QAM	75	0	21.35	21.46	21.61	21.48	21.40		
15	256QAM	1	0	19.31	19.30	19.51	19.19	19.19	20.7	5
15	256QAM	1	37	19.18	19.20	19.32	19.23	19.25		
15	256QAM	1	74	19.11	19.23	19.19	19.15	19.22		
15	256QAM	36	0	19.46	19.37	19.56	19.41	19.42	20.7	5
15	256QAM	36	20	19.36	19.45	19.33	19.27	19.33		
15	256QAM	36	39	19.32	19.45	19.40	19.32	19.37		
15	256QAM	75	0	19.39	19.51	19.54	19.41	19.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.41	24.47	24.61	24.31	24.55	26	0
10	QPSK	1	25	24.36	24.42	24.45	24.41	24.30		
10	QPSK	1	49	24.37	24.37	24.42	24.35	24.38		
10	QPSK	25	0	23.60	23.56	23.77	23.53	23.55	24.7	1
10	QPSK	25	12	23.38	23.53	23.60	23.53	23.53		
10	QPSK	25	25	23.40	23.35	23.71	23.56	23.39		
10	QPSK	50	0	23.36	23.42	23.36	23.28	23.33		
10	16QAM	1	0	23.26	23.29	23.27	23.21	23.20	24.7	1
10	16QAM	1	25	23.22	23.20	23.15	23.15	23.24		
10	16QAM	1	49	23.10	23.07	23.45	23.20	23.03		
10	16QAM	25	0	22.26	22.39	22.35	22.46	22.26	23.7	2
10	16QAM	25	12	22.13	22.25	22.33	22.31	22.23		
10	16QAM	25	25	22.19	22.30	22.37	22.49	22.23		
10	16QAM	50	0	22.34	22.42	22.69	22.50	22.52		
10	64QAM	1	0	22.29	22.32	22.35	22.41	22.31	23.7	2
10	64QAM	1	25	22.22	22.26	22.29	22.30	22.20		
10	64QAM	1	49	22.21	22.29	22.37	22.43	22.30		
10	64QAM	25	0	21.25	21.28	21.59	21.47	21.25	22.7	3
10	64QAM	25	12	21.23	21.35	21.36	21.39	21.26		
10	64QAM	25	25	21.29	21.35	21.42	21.33	21.21		
10	64QAM	50	0	21.25	21.52	21.59	21.58	21.36		
10	256QAM	1	0	19.28	19.25	19.48	19.21	19.23	20.7	5
10	256QAM	1	25	19.16	19.18	19.33	19.19	19.31		
10	256QAM	1	49	19.20	19.11	19.31	19.20	19.19		
10	256QAM	25	0	19.35	19.42	19.49	19.37	19.32	20.7	5
10	256QAM	25	12	19.36	19.44	19.31	19.16	19.44		
10	256QAM	25	25	19.19	19.44	19.46	19.28	19.34		
10	256QAM	50	0	19.47	19.44	19.50	19.46	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.47	24.43	24.56	24.26	24.41	26	0
5	QPSK	1	12	24.26	24.41	24.33	24.34	24.28		
5	QPSK	1	24	24.36	24.35	24.29	24.37	24.40		
5	QPSK	12	0	23.52	23.54	23.71	23.66	23.51	24.7	1
5	QPSK	12	7	23.36	23.38	23.59	23.41	23.46		
5	QPSK	12	13	23.47	23.49	23.64	23.61	23.37		
5	QPSK	25	0	23.31	23.39	23.33	23.29	23.27		
5	16QAM	1	0	23.25	23.24	23.37	23.25	23.12	24.7	1
5	16QAM	1	12	23.16	23.25	23.20	23.19	23.14		
5	16QAM	1	24	23.12	23.21	23.31	23.18	23.08		
5	16QAM	12	0	22.32	22.38	22.44	22.45	22.31	23.7	2
5	16QAM	12	7	22.26	22.13	22.35	22.22	22.24		
5	16QAM	12	13	22.26	22.29	22.47	22.36	22.24		
5	16QAM	25	0	22.44	22.51	22.71	22.45	22.46		
5	64QAM	1	0	22.26	22.15	22.39	22.26	22.23	23.7	2
5	64QAM	1	12	22.19	22.12	22.35	22.17	22.17		
5	64QAM	1	24	22.12	22.12	22.44	22.04	22.02		
5	64QAM	12	0	21.28	21.21	21.46	21.47	21.25	22.7	3
5	64QAM	12	7	21.08	21.27	21.32	21.26	21.25		
5	64QAM	12	13	21.18	21.28	21.39	21.35	21.25		
5	64QAM	25	0	21.34	21.41	21.53	21.53	21.47		
5	256QAM	1	0	19.35	19.23	19.47	19.27	19.18	20.7	5
5	256QAM	1	12	19.17	19.19	19.33	19.25	19.21		
5	256QAM	1	24	19.20	19.16	19.19	19.27	19.19		
5	256QAM	12	0	19.41	19.34	19.45	19.42	19.43	20.7	5
5	256QAM	12	7	19.46	19.52	19.35	19.30	19.37		
5	256QAM	12	13	19.20	19.32	19.53	19.33	19.31		
5	256QAM	25	0	19.51	19.44	19.61	19.50	19.47		

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.14	23.16	23.02	24.5	0
20	QPSK	1	49	23.08	23.05	23.13		
20	QPSK	1	99	23.00	23.03	23.07		
20	QPSK	50	0	22.24	22.33	22.27	23.5	1
20	QPSK	50	24	22.16	22.26	22.14		
20	QPSK	50	50	22.07	22.28	22.22		
20	QPSK	100	0	22.01	22.03	22.02		
20	16QAM	1	0	21.86	21.98	21.90	23.5	1
20	16QAM	1	49	21.88	21.77	21.88		
20	16QAM	1	99	21.82	21.93	21.91		
20	16QAM	50	0	21.01	21.06	21.10	22.5	2
20	16QAM	50	24	20.83	20.95	20.94		
20	16QAM	50	50	20.92	21.02	21.06		
20	16QAM	100	0	21.04	21.35	21.16		
20	64QAM	1	0	20.90	21.03	20.97	22.5	2
20	64QAM	1	49	20.81	21.00	20.81		
20	64QAM	1	99	20.81	21.19	20.70		
20	64QAM	50	0	19.98	20.14	20.20	21.5	3
20	64QAM	50	24	19.86	20.05	19.95		
20	64QAM	50	50	20.01	20.11	19.97		
20	64QAM	100	0	20.07	20.26	20.22		
20	256QAM	1	0	17.94	18.07	17.86	19.5	5
20	256QAM	1	49	17.94	18.03	17.93		
20	256QAM	1	99	17.87	17.87	17.82		
20	256QAM	50	0	18.12	18.06	17.99	19.5	5
20	256QAM	50	24	18.07	18.05	17.93		
20	256QAM	50	50	18.00	18.12	17.95		
20	256QAM	100	0	18.04	18.13	18.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.00	23.07	22.88	24.5	0
15	QPSK	1	37	22.97	22.95	23.08		
15	QPSK	1	74	22.83	22.94	22.93		
15	QPSK	36	0	22.07	22.20	22.21	23.5	1
15	QPSK	36	20	22.06	22.21	22.00		
15	QPSK	36	39	21.93	22.10	22.15		
15	QPSK	75	0	21.93	21.89	21.92		
15	16QAM	1	0	21.81	21.95	21.78	23.5	1
15	16QAM	1	37	21.84	21.64	21.82		
15	16QAM	1	74	21.77	21.89	21.80		
15	16QAM	36	0	20.97	20.99	21.04	22.5	2
15	16QAM	36	20	20.68	20.84	20.79		
15	16QAM	36	39	20.76	20.92	20.88		
15	16QAM	75	0	20.91	21.23	21.10		
15	64QAM	1	0	20.74	20.93	20.93	22.5	2
15	64QAM	1	37	20.64	20.94	20.76		
15	64QAM	1	74	20.64	21.09	20.64		
15	64QAM	36	0	19.86	20.09	20.11	21.5	3
15	64QAM	36	20	19.81	19.94	19.87		
15	64QAM	36	39	19.90	20.02	19.88		
15	64QAM	75	0	19.94	20.20	20.17		
15	256QAM	1	0	17.88	17.95	17.70	19.5	5
15	256QAM	1	37	17.90	17.97	17.85		
15	256QAM	1	74	17.75	17.73	17.75		
15	256QAM	36	0	18.04	17.90	17.81	19.5	5
15	256QAM	36	20	17.97	17.88	17.80		
15	256QAM	36	39	17.89	18.03	17.84		
15	256QAM	75	0	17.87	18.00	17.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.03	23.12	22.92	24.5	0
10	QPSK	1	25	23.03	22.90	23.04		
10	QPSK	1	49	22.95	23.00	22.91		
10	QPSK	25	0	22.18	22.23	22.24	23.5	1
10	QPSK	25	12	22.13	22.11	22.03		
10	QPSK	25	25	21.95	22.12	22.04		
10	QPSK	50	0	21.89	21.89	21.91		
10	16QAM	1	0	21.75	21.85	21.80	23.5	1
10	16QAM	1	25	21.79	21.64	21.83		
10	16QAM	1	49	21.67	21.89	21.76		
10	16QAM	25	0	20.91	20.91	21.06	22.5	2
10	16QAM	25	12	20.71	20.82	20.88		
10	16QAM	25	25	20.81	20.84	20.96		
10	16QAM	50	0	20.88	21.32	21.08		
10	64QAM	1	0	20.76	20.87	20.89	22.5	2
10	64QAM	1	25	20.68	20.83	20.78		
10	64QAM	1	49	20.76	21.08	20.64		
10	64QAM	25	0	19.93	19.98	20.10	21.5	3
10	64QAM	25	12	19.84	20.00	19.84		
10	64QAM	25	25	19.96	19.95	19.83		
10	64QAM	50	0	20.02	20.23	20.06		
10	256QAM	1	0	17.88	17.99	17.68	19.5	5
10	256QAM	1	25	17.84	17.94	17.86		
10	256QAM	1	49	17.69	17.78	17.72		
10	256QAM	25	0	18.07	17.96	17.88	19.5	5
10	256QAM	25	12	17.95	17.94	17.84		
10	256QAM	25	25	17.92	18.03	17.90		
10	256QAM	50	0	17.98	18.02	17.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.00	22.91	24.5	0
5	QPSK	1	12	22.92	22.97	22.96		
5	QPSK	1	24	22.90	22.87	23.05		
5	QPSK	12	0	22.17	22.30	22.24	23.5	1
5	QPSK	12	7	22.07	22.19	21.99		
5	QPSK	12	13	21.92	22.23	22.11		
5	QPSK	25	0	21.85	21.90	21.98		
5	16QAM	1	0	21.83	21.93	21.82	23.5	1
5	16QAM	1	12	21.76	21.70	21.73		
5	16QAM	1	24	21.79	21.89	21.78		
5	16QAM	12	0	20.87	21.00	21.07	22.5	2
5	16QAM	12	7	20.72	20.88	20.81		
5	16QAM	12	13	20.75	20.85	21.04		
5	16QAM	25	0	20.96	21.19	21.10		
5	64QAM	1	0	20.82	20.92	20.80	22.5	2
5	64QAM	1	12	20.75	20.96	20.78		
5	64QAM	1	24	20.67	21.04	20.55		
5	64QAM	12	0	19.94	20.06	20.17	21.5	3
5	64QAM	12	7	19.82	19.94	19.79		
5	64QAM	12	13	19.86	20.09	19.91		
5	64QAM	25	0	20.02	20.09	20.14		
5	256QAM	1	0	17.85	18.04	17.78	19.5	5
5	256QAM	1	12	17.80	17.91	17.89		
5	256QAM	1	24	17.76	17.70	17.76		
5	256QAM	12	0	17.97	17.99	17.85	19.5	5
5	256QAM	12	7	17.98	17.99	17.90		
5	256QAM	12	13	17.94	18.09	17.88		
5	256QAM	25	0	17.90	18.01	17.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.07	22.92	24.5	0
3	QPSK	1	8	22.90	23.02	23.11		
3	QPSK	1	14	22.84	22.87	23.04		
3	QPSK	8	0	22.18	22.29	22.24	23.5	1
3	QPSK	8	4	21.99	22.15	21.98		
3	QPSK	8	7	21.99	22.20	22.13		
3	QPSK	15	0	21.91	21.90	21.88		
3	16QAM	1	0	21.68	21.92	21.80	23.5	1
3	16QAM	1	8	21.74	21.75	21.72		
3	16QAM	1	14	21.75	21.91	21.87		
3	16QAM	8	0	20.94	21.02	20.93	22.5	2
3	16QAM	8	4	20.75	20.80	20.88		
3	16QAM	8	7	20.75	20.94	20.89		
3	16QAM	15	0	20.98	21.22	21.03		
3	64QAM	1	0	20.84	20.95	20.79	22.5	2
3	64QAM	1	8	20.65	20.85	20.74		
3	64QAM	1	14	20.73	21.12	21.00		
3	64QAM	8	0	19.82	20.08	20.05	21.5	3
3	64QAM	8	4	19.71	19.95	19.91		
3	64QAM	8	7	19.95	20.06	19.80		
3	64QAM	15	0	20.02	20.15	20.14		
3	256QAM	1	0	17.78	18.03	17.78	19.5	5
3	256QAM	1	8	17.88	17.96	17.83		
3	256QAM	1	14	17.82	17.81	17.67		
3	256QAM	8	0	18.00	18.00	17.89	19.5	5
3	256QAM	8	4	18.03	17.99	17.75		
3	256QAM	8	7	17.89	17.96	17.81		
3	256QAM	15	0	17.96	18.06	17.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.03	23.01	22.98	24.5	0
1.4	QPSK	1	3	22.97	22.94	22.95		
1.4	QPSK	1	5	22.92	22.87	22.94		
1.4	QPSK	3	0	23.03	23.11	22.93		
1.4	QPSK	3	1	22.92	22.98	22.95		
1.4	QPSK	3	3	22.88	22.87	22.98		
1.4	QPSK	6	0	22.11	22.25	22.18	23.5	1
1.4	16QAM	1	0	22.10	22.20	21.97	23.5	1
1.4	16QAM	1	3	21.93	22.14	22.13		
1.4	16QAM	1	5	21.93	21.91	21.87		
1.4	16QAM	3	0	21.69	21.95	21.78		
1.4	16QAM	3	1	21.86	21.73	21.73		
1.4	16QAM	3	3	21.76	21.78	21.74		
1.4	16QAM	6	0	20.97	21.00	20.92	22.5	2
1.4	64QAM	1	0	21.00	20.93	20.85	22.5	2
1.4	64QAM	1	3	20.86	20.93	20.97		
1.4	64QAM	1	5	20.90	21.30	21.00		
1.4	64QAM	3	0	20.81	21.00	20.89		
1.4	64QAM	3	1	20.74	20.92	20.70		
1.4	64QAM	3	3	20.68	21.14	20.67		
1.4	64QAM	6	0	19.80	20.02	19.83	21.5	3
1.4	256QAM	1	0	17.77	18.00	17.71	19.5	5
1.4	256QAM	1	3	17.84	17.86	17.90		
1.4	256QAM	1	5	17.85	17.81	17.73		
1.4	256QAM	3	0	17.99	17.95	17.82		
1.4	256QAM	3	1	17.98	17.98	17.83		
1.4	256QAM	3	3	17.86	18.08	17.88		
1.4	256QAM	6	0	18.01	18.05	17.91	19.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.95	24.01	23.82	25.5	0
20	QPSK	1	49	23.82	23.89	23.86		
20	QPSK	1	99	23.83	23.85	23.80		
20	QPSK	50	0	23.08	23.16	22.99	24.5	1
20	QPSK	50	24	22.95	23.03	22.94		
20	QPSK	50	50	22.85	23.03	23.00		
20	QPSK	100	0	22.77	22.88	22.71		
20	16QAM	1	0	22.72	22.75	22.72	24.5	1
20	16QAM	1	49	22.62	22.56	22.56		
20	16QAM	1	99	22.55	22.83	22.67		
20	16QAM	50	0	21.82	21.87	21.81	23.5	2
20	16QAM	50	24	21.71	21.73	21.73		
20	16QAM	50	50	21.75	21.80	21.83		
20	16QAM	100	0	21.86	22.17	22.01		
20	64QAM	1	0	21.72	21.78	21.70	23.5	2
20	64QAM	1	49	21.65	21.78	21.66		
20	64QAM	1	99	21.53	21.98	21.59		
20	64QAM	50	0	20.76	20.97	20.97	22.5	3
20	64QAM	50	24	20.68	20.93	20.74		
20	64QAM	50	50	20.79	20.87	20.81		
20	64QAM	100	0	20.85	20.99	20.98		
20	256QAM	1	0	18.75	18.87	18.72	20.5	5
20	256QAM	1	49	18.64	18.72	18.73		
20	256QAM	1	99	18.69	18.73	18.63		
20	256QAM	50	0	18.83	18.85	18.86	20.5	5
20	256QAM	50	24	18.82	18.84	18.72		
20	256QAM	50	50	18.81	18.90	18.67		
20	256QAM	100	0	18.86	18.87	18.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.82	23.97	23.75	25.5	0
15	QPSK	1	37	23.80	23.71	23.73		
15	QPSK	1	74	23.67	23.71	23.71		
15	QPSK	36	0	23.03	23.11	22.91	24.5	1
15	QPSK	36	20	22.91	22.88	22.87		
15	QPSK	36	39	22.80	22.93	22.97		
15	QPSK	75	0	22.72	22.86	22.62		
15	16QAM	1	0	22.59	22.71	22.57	24.5	1
15	16QAM	1	37	22.54	22.73	22.56		
15	16QAM	1	74	22.57	22.72	22.60		
15	16QAM	36	0	21.65	21.76	21.67	23.5	2
15	16QAM	36	20	21.56	21.65	21.67		
15	16QAM	36	39	21.71	21.68	21.78		
15	16QAM	75	0	21.83	22.12	21.96		
15	64QAM	1	0	21.57	21.75	21.67	23.5	2
15	64QAM	1	37	21.50	21.62	21.52		
15	64QAM	1	74	21.51	21.93	21.54		
15	64QAM	36	0	20.59	20.93	20.94	22.5	3
15	64QAM	36	20	20.58	20.76	20.69		
15	64QAM	36	39	20.76	20.83	20.74		
15	64QAM	75	0	20.72	20.88	20.90		
15	256QAM	1	0	18.66	18.71	18.63	20.5	5
15	256QAM	1	37	18.59	18.67	18.62		
15	256QAM	1	74	18.64	18.65	18.53		
15	256QAM	36	0	18.66	18.70	18.70	20.5	5
15	256QAM	36	20	18.80	18.82	18.62		
15	256QAM	36	39	18.74	18.77	18.52		
15	256QAM	75	0	18.73	18.80	18.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.82	23.99	23.79	25.5	0
10	QPSK	1	25	23.68	23.73	23.75		
10	QPSK	1	49	23.76	23.67	23.67		
10	QPSK	25	0	22.90	23.05	22.82	24.5	1
10	QPSK	25	12	22.92	23.01	22.86		
10	QPSK	25	25	22.70	22.87	22.87		
10	QPSK	50	0	22.60	22.80	22.66		
10	16QAM	1	0	22.57	22.67	22.57	24.5	1
10	16QAM	1	25	22.56	22.52	22.54		
10	16QAM	1	49	22.56	22.77	22.52		
10	16QAM	25	0	21.72	21.73	21.70	23.5	2
10	16QAM	25	12	21.57	21.56	21.66		
10	16QAM	25	25	21.73	21.68	21.76		
10	16QAM	50	0	21.81	22.00	21.84		
10	64QAM	1	0	21.65	21.66	21.58	23.5	2
10	64QAM	1	25	21.55	21.71	21.58		
10	64QAM	1	49	21.50	21.81	21.61		
10	64QAM	25	0	20.64	20.80	20.79	22.5	3
10	64QAM	25	12	20.54	20.75	20.65		
10	64QAM	25	25	20.70	20.79	20.74		
10	64QAM	50	0	20.81	20.85	20.84		
10	256QAM	1	0	18.68	18.80	18.70	20.5	5
10	256QAM	1	25	18.59	18.62	18.66		
10	256QAM	1	49	18.55	18.67	18.63		
10	256QAM	25	0	18.78	18.78	18.80	20.5	5
10	256QAM	25	12	18.65	18.82	18.56		
10	256QAM	25	25	18.68	18.78	18.64		
10	256QAM	50	0	18.73	18.71	18.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.81	23.85	23.72	25.5	0
5	QPSK	1	12	23.73	23.71	23.70		
5	QPSK	1	24	23.77	23.76	23.73		
5	QPSK	12	0	22.96	23.07	22.96	24.5	1
5	QPSK	12	7	22.81	22.99	22.85		
5	QPSK	12	13	22.68	22.88	22.88		
5	QPSK	25	0	22.59	22.73	22.60		
5	16QAM	1	0	22.55	22.68	22.68	24.5	1
5	16QAM	1	12	22.54	22.62	22.63		
5	16QAM	1	24	22.56	22.66	22.54		
5	16QAM	12	0	21.67	21.79	21.73	23.5	2
5	16QAM	12	7	21.60	21.70	21.64		
5	16QAM	12	13	21.58	21.76	21.65		
5	16QAM	25	0	21.69	22.00	21.94		
5	64QAM	1	0	21.65	21.72	21.65	23.5	2
5	64QAM	1	12	21.62	21.66	21.51		
5	64QAM	1	24	21.58	21.86	21.59		
5	64QAM	12	0	20.65	20.84	20.88	22.5	3
5	64QAM	12	7	20.53	20.87	20.68		
5	64QAM	12	13	20.74	20.71	20.73		
5	64QAM	25	0	20.75	20.87	20.81		
5	256QAM	1	0	18.72	18.84	18.68	20.5	5
5	256QAM	1	12	18.51	18.55	18.57		
5	256QAM	1	24	18.66	18.60	18.51		
5	256QAM	12	0	18.73	18.76	18.70	20.5	5
5	256QAM	12	7	18.72	18.76	18.64		
5	256QAM	12	13	18.65	18.87	18.51		
5	256QAM	25	0	18.83	18.78	18.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.80	23.99	23.73	25.5	0
3	QPSK	1	8	23.70	23.84	23.75		
3	QPSK	1	14	23.72	23.76	23.69		
3	QPSK	8	0	22.99	23.06	22.84	24.5	1
3	QPSK	8	4	22.81	22.91	22.81		
3	QPSK	8	7	22.68	22.86	22.88		
3	QPSK	15	0	22.63	22.80	22.54		
3	16QAM	1	0	22.69	22.70	22.64	24.5	1
3	16QAM	1	8	22.51	22.61	22.54		
3	16QAM	1	14	22.58	22.81	22.60		
3	16QAM	8	0	21.74	21.71	21.65	23.5	2
3	16QAM	8	4	21.68	21.67	21.59		
3	16QAM	8	7	21.66	21.65	21.80		
3	16QAM	15	0	21.75	22.11	21.94		
3	64QAM	1	0	21.56	21.70	21.57	23.5	2
3	64QAM	1	8	21.52	21.64	21.58		
3	64QAM	1	14	21.63	21.95	21.56		
3	64QAM	8	0	20.63	20.92	20.94	22.5	3
3	64QAM	8	4	20.63	20.80	20.71		
3	64QAM	8	7	20.71	20.79	20.79		
3	64QAM	15	0	20.71	20.95	20.92		
3	256QAM	1	0	18.72	18.72	18.63	20.5	5
3	256QAM	1	8	18.67	18.68	18.60		
3	256QAM	1	14	18.60	18.61	18.56		
3	256QAM	8	0	18.77	18.75	18.71	20.5	5
3	256QAM	8	4	18.77	18.71	18.62		
3	256QAM	8	7	18.78	18.81	18.61		
3	256QAM	15	0	18.78	18.74	18.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.86	23.74	25.5	0
1.4	QPSK	1	3	23.77	23.81	23.84		
1.4	QPSK	1	5	23.72	23.83	23.70		
1.4	QPSK	3	0	23.77	23.92	23.65		
1.4	QPSK	3	1	23.78	23.82	23.74		
1.4	QPSK	3	3	23.71	23.79	23.62		
1.4	QPSK	6	0	22.93	23.00	22.91	24.5	1
1.4	16QAM	1	0	22.80	22.87	22.78	24.5	1
1.4	16QAM	1	3	22.68	22.99	22.94		
1.4	16QAM	1	5	22.65	22.80	22.58		
1.4	16QAM	3	0	22.58	22.62	22.64		
1.4	16QAM	3	1	22.50	22.64	22.51		
1.4	16QAM	3	3	22.52	22.75	22.61		
1.4	16QAM	6	0	21.77	21.84	21.69	23.5	2
1.4	64QAM	1	0	21.57	21.62	21.59	23.5	2
1.4	64QAM	1	3	21.67	21.67	21.77		
1.4	64QAM	1	5	21.80	22.01	21.86		
1.4	64QAM	3	0	21.65	21.67	21.55		
1.4	64QAM	3	1	21.56	21.64	21.61		
1.4	64QAM	3	3	21.61	21.84	21.52		
1.4	64QAM	6	0	20.59	20.87	20.60	22.5	3
1.4	256QAM	1	0	18.58	18.82	18.62	20.5	5
1.4	256QAM	1	3	18.56	18.65	18.56		
1.4	256QAM	1	5	18.56	18.62	18.54		
1.4	256QAM	3	0	18.78	18.70	18.81		
1.4	256QAM	3	1	18.75	18.74	18.63		
1.4	256QAM	3	3	18.76	18.85	18.62		
1.4	256QAM	6	0	18.82	18.76	18.72	20.5	5

Band 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.47	23.55	23.37	25	0
20	QPSK	1	49	23.41	23.48	23.50		
20	QPSK	1	99	23.36	23.38	23.35		
20	QPSK	50	0	22.67	22.71	22.57	24	1
20	QPSK	50	24	22.53	22.55	22.49		
20	QPSK	50	50	22.50	22.65	22.54		
20	QPSK	100	0	22.34	22.48	22.26		
20	16QAM	1	0	22.24	22.29	22.27	24	1
20	16QAM	1	49	22.25	22.13	22.19		
20	16QAM	1	99	22.17	22.38	22.26		
20	16QAM	50	0	21.38	21.41	21.47	23	2
20	16QAM	50	24	21.28	21.29	21.35		
20	16QAM	50	50	21.32	21.49	21.46		
20	16QAM	100	0	21.45	21.64	21.61		
20	64QAM	1	0	21.19	21.45	21.31	23	2
20	64QAM	1	49	21.24	21.44	21.26		
20	64QAM	1	99	21.11	21.53	21.13		
20	64QAM	50	0	20.33	20.49	20.55	22	3
20	64QAM	50	24	20.31	20.47	20.35		
20	64QAM	50	50	20.39	20.44	20.37		
20	64QAM	100	0	20.50	20.64	20.52		
20	256QAM	1	0	18.36	18.47	18.21	20	5
20	256QAM	1	49	18.23	18.31	18.34		
20	256QAM	1	99	18.20	18.29	18.16		
20	256QAM	50	0	18.44	18.43	18.41	20	5
20	256QAM	50	24	18.46	18.37	18.36		
20	256QAM	50	50	18.43	18.53	18.28		
20	256QAM	100	0	18.46	18.47	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.44	23.52	23.25	25	0
15	QPSK	1	37	23.38	23.31	23.43		
15	QPSK	1	74	23.22	23.27	23.29		
15	QPSK	36	0	22.62	22.65	22.39	24	1
15	QPSK	36	20	22.46	22.43	22.39		
15	QPSK	36	39	22.36	22.52	22.47		
15	QPSK	75	0	22.30	22.34	22.19		
15	16QAM	1	0	22.18	22.25	22.14	24	1
15	16QAM	1	37	22.19	22.17	22.17		
15	16QAM	1	74	22.06	22.33	22.24		
15	16QAM	36	0	21.20	21.28	21.44	23	2
15	16QAM	36	20	21.11	21.18	21.27		
15	16QAM	36	39	21.14	21.32	21.33		
15	16QAM	75	0	21.29	21.50	21.49		
15	64QAM	1	0	21.12	21.38	21.22	23	2
15	64QAM	1	37	21.16	21.41	21.21		
15	64QAM	1	74	21.06	21.50	21.05		
15	64QAM	36	0	20.30	20.44	20.49	22	3
15	64QAM	36	20	20.24	20.32	20.29		
15	64QAM	36	39	20.21	20.35	20.33		
15	64QAM	75	0	20.36	20.51	20.47		
15	256QAM	1	0	18.28	18.42	18.15	20	5
15	256QAM	1	37	18.18	18.17	18.22		
15	256QAM	1	74	18.10	18.12	18.13		
15	256QAM	36	0	18.37	18.30	18.30	20	5
15	256QAM	36	20	18.37	18.30	18.28		
15	256QAM	36	39	18.25	18.48	18.21		
15	256QAM	75	0	18.38	18.33	18.39		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.43	23.37	23.21	25	0
10	QPSK	1	25	23.35	23.36	23.33		
10	QPSK	1	49	23.29	23.32	23.27		
10	QPSK	25	0	22.55	22.68	22.48	24	1
10	QPSK	25	12	22.49	22.53	22.39		
10	QPSK	25	25	22.33	22.61	22.49		
10	QPSK	50	0	22.31	22.45	22.21		
10	16QAM	1	0	22.21	22.11	22.13	24	1
10	16QAM	1	25	22.23	22.00	22.02		
10	16QAM	1	49	22.04	22.21	22.16		
10	16QAM	25	0	21.27	21.23	21.34	23	2
10	16QAM	25	12	21.15	21.21	21.30		
10	16QAM	25	25	21.28	21.44	21.42		
10	16QAM	50	0	21.35	21.61	21.53		
10	64QAM	1	0	21.12	21.29	21.13	23	2
10	64QAM	1	25	21.15	21.41	21.10		
10	64QAM	1	49	21.22	21.37	21.04		
10	64QAM	25	0	20.29	20.37	20.50	22	3
10	64QAM	25	12	20.20	20.36	20.20		
10	64QAM	25	25	20.37	20.38	20.24		
10	64QAM	50	0	20.47	20.47	20.38		
10	256QAM	1	0	18.24	18.44	18.12	20	5
10	256QAM	1	25	18.15	18.25	18.19		
10	256QAM	1	49	18.13	18.13	18.00		
10	256QAM	25	0	18.32	18.38	18.33	20	5
10	256QAM	25	12	18.33	18.25	18.27		
10	256QAM	25	25	18.25	18.48	18.12		
10	256QAM	50	0	18.42	18.31	18.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.32	23.50	23.23	25	0
5	QPSK	1	12	23.23	23.32	23.37		
5	QPSK	1	24	23.20	23.25	23.27		
5	QPSK	12	0	22.56	22.59	22.54	24	1
5	QPSK	12	7	22.37	22.42	22.33		
5	QPSK	12	13	22.45	22.47	22.46		
5	QPSK	25	0	22.27	22.30	22.09		
5	16QAM	1	0	22.08	22.24	22.23	24	1
5	16QAM	1	12	22.21	22.11	22.04		
5	16QAM	1	24	22.01	22.28	22.09		
5	16QAM	12	0	21.29	21.39	21.31	23	2
5	16QAM	12	7	21.12	21.14	21.19		
5	16QAM	12	13	21.21	21.45	21.42		
5	16QAM	25	0	21.36	21.61	21.50		
5	64QAM	1	0	21.17	21.35	21.27	23	2
5	64QAM	1	12	21.16	21.35	21.22		
5	64QAM	1	24	21.00	21.45	21.02		
5	64QAM	12	0	20.16	20.46	20.46	22	3
5	64QAM	12	7	20.20	20.31	20.20		
5	64QAM	12	13	20.22	20.34	20.22		
5	64QAM	25	0	20.46	20.58	20.35		
5	256QAM	1	0	18.21	18.30	18.11	20	5
5	256QAM	1	12	18.18	18.26	18.27		
5	256QAM	1	24	18.14	18.26	18.12		
5	256QAM	12	0	18.40	18.25	18.36	20	5
5	256QAM	12	7	18.31	18.25	18.21		
5	256QAM	12	13	18.32	18.37	18.14		
5	256QAM	25	0	18.43	18.45	18.33		

Band 25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.05	23.16	22.93	24.5	0
20	QPSK	1	49	22.96	22.95	22.97		
20	QPSK	1	99	22.93	22.89	22.93		
20	QPSK	50	0	22.20	22.29	22.18	23.5	1
20	QPSK	50	24	22.01	22.08	22.09		
20	QPSK	50	50	22.01	22.13	22.09		
20	QPSK	100	0	21.87	21.95	21.74		
20	16QAM	1	0	21.84	21.84	21.76	23.5	1
20	16QAM	1	49	21.70	21.66	21.75		
20	16QAM	1	99	21.74	21.83	21.79		
20	16QAM	50	0	20.91	20.98	20.91	22.5	2
20	16QAM	50	24	20.85	20.82	20.92		
20	16QAM	50	50	20.79	21.01	20.96		
20	16QAM	100	0	20.98	21.27	21.11		
20	64QAM	1	0	20.73	20.98	20.78	22.5	2
20	64QAM	1	49	20.68	20.89	20.81		
20	64QAM	1	99	20.71	21.07	20.67		
20	64QAM	50	0	19.79	20.02	20.13	21.5	3
20	64QAM	50	24	19.85	19.99	19.87		
20	64QAM	50	50	19.82	19.95	19.89		
20	64QAM	100	0	19.96	20.18	20.10		
20	256QAM	1	0	17.80	18.01	17.77	19.5	5
20	256QAM	1	49	17.84	17.95	17.85		
20	256QAM	1	99	17.73	17.76	17.71		
20	256QAM	50	0	17.96	17.95	17.90	19.5	5
20	256QAM	50	24	18.00	17.95	17.84		
20	256QAM	50	50	17.89	18.04	17.87		
20	256QAM	100	0	17.97	18.02	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.01	23.06	22.84	24.5	0
15	QPSK	1	37	22.79	22.81	22.93		
15	QPSK	1	74	22.80	22.76	22.80		
15	QPSK	36	0	22.10	22.24	22.12	23.5	1
15	QPSK	36	20	21.89	21.97	22.01		
15	QPSK	36	39	21.97	22.03	22.02		
15	QPSK	75	0	21.80	21.84	21.59		
15	16QAM	1	0	21.71	21.80	21.66	23.5	1
15	16QAM	1	37	21.56	21.55	21.61		
15	16QAM	1	74	21.60	21.66	21.70		
15	16QAM	36	0	20.74	20.86	20.82	22.5	2
15	16QAM	36	20	20.78	20.70	20.81		
15	16QAM	36	39	20.76	20.93	20.85		
15	16QAM	75	0	20.96	21.10	21.05		
15	64QAM	1	0	20.57	20.90	20.67	22.5	2
15	64QAM	1	37	20.62	20.75	20.69		
15	64QAM	1	74	20.59	20.91	20.60		
15	64QAM	36	0	19.63	19.96	20.10	21.5	3
15	64QAM	36	20	19.76	19.85	19.78		
15	64QAM	36	39	19.72	19.80	19.76		
15	64QAM	75	0	19.94	20.02	20.06		
15	256QAM	1	0	17.72	17.84	17.73	19.5	5
15	256QAM	1	37	17.71	17.92	17.70		
15	256QAM	1	74	17.61	17.69	17.67		
15	256QAM	36	0	17.91	17.84	17.82	19.5	5
15	256QAM	36	20	17.91	17.92	17.82		
15	256QAM	36	39	17.86	17.90	17.84		
15	256QAM	75	0	17.86	17.95	17.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.89	23.08	22.86	24.5	0
10	QPSK	1	25	22.86	22.86	22.91		
10	QPSK	1	49	22.87	22.76	22.81		
10	QPSK	25	0	22.08	22.24	22.06	23.5	1
10	QPSK	25	12	21.88	22.02	21.99		
10	QPSK	25	25	21.99	21.98	21.98		
10	QPSK	50	0	21.73	21.92	21.56		
10	16QAM	1	0	21.78	21.78	21.65	23.5	1
10	16QAM	1	25	21.52	21.50	21.59		
10	16QAM	1	49	21.67	21.71	21.76		
10	16QAM	25	0	20.80	20.81	20.89	22.5	2
10	16QAM	25	12	20.68	20.74	20.84		
10	16QAM	25	25	20.75	20.91	20.83		
10	16QAM	50	0	20.88	21.15	21.06		
10	64QAM	1	0	20.58	20.96	20.75	22.5	2
10	64QAM	1	25	20.62	20.73	20.67		
10	64QAM	1	49	20.64	20.89	20.63		
10	64QAM	25	0	19.67	19.92	20.03	21.5	3
10	64QAM	25	12	19.80	19.92	19.69		
10	64QAM	25	25	19.74	19.91	19.77		
10	64QAM	50	0	19.93	20.11	20.03		
10	256QAM	1	0	17.70	17.96	17.73	19.5	5
10	256QAM	1	25	17.73	17.88	17.75		
10	256QAM	1	49	17.60	17.62	17.66		
10	256QAM	25	0	17.89	17.90	17.77	19.5	5
10	256QAM	25	12	17.87	17.86	17.75		
10	256QAM	25	25	17.71	17.91	17.82		
10	256QAM	50	0	17.88	17.95	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.98	23.12	22.86	24.5	0
5	QPSK	1	12	22.93	22.82	22.88		
5	QPSK	1	24	22.81	22.77	22.81		
5	QPSK	12	0	22.17	22.24	22.06	23.5	1
5	QPSK	12	7	21.86	21.96	21.93		
5	QPSK	12	13	21.98	22.03	21.94		
5	QPSK	25	0	21.78	21.93	21.71		
5	16QAM	1	0	21.82	21.73	21.58	23.5	1
5	16QAM	1	12	21.55	21.52	21.70		
5	16QAM	1	24	21.59	21.70	21.73		
5	16QAM	12	0	20.87	20.88	20.83	22.5	2
5	16QAM	12	7	20.75	20.76	20.86		
5	16QAM	12	13	20.74	20.87	20.85		
5	16QAM	25	0	20.94	21.15	21.02		
5	64QAM	1	0	20.55	20.94	20.72	22.5	2
5	64QAM	1	12	20.61	20.79	20.63		
5	64QAM	1	24	20.58	20.97	20.51		
5	64QAM	12	0	19.70	19.97	19.98	21.5	3
5	64QAM	12	7	19.70	19.96	19.82		
5	64QAM	12	13	19.66	19.88	19.75		
5	64QAM	25	0	19.93	20.08	20.02		
5	256QAM	1	0	17.62	17.91	17.61	19.5	5
5	256QAM	1	12	17.72	17.80	17.75		
5	256QAM	1	24	17.67	17.67	17.55		
5	256QAM	12	0	17.91	17.82	17.79	19.5	5
5	256QAM	12	7	17.94	17.88	17.67		
5	256QAM	12	13	17.73	17.86	17.71		
5	256QAM	25	0	17.90	17.90	17.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.98	23.11	22.81	24.5	0
3	QPSK	1	8	22.86	22.79	22.83		
3	QPSK	1	14	22.90	22.82	22.84		
3	QPSK	8	0	22.11	22.13	22.06	23.5	1
3	QPSK	8	4	21.97	21.91	22.03		
3	QPSK	8	7	21.94	21.96	22.07		
3	QPSK	15	0	21.80	21.82	21.61		
3	16QAM	1	0	21.69	21.80	21.61	23.5	1
3	16QAM	1	8	21.61	21.50	21.66		
3	16QAM	1	14	21.58	21.75	21.64		
3	16QAM	8	0	20.86	20.87	20.80	22.5	2
3	16QAM	8	4	20.71	20.71	20.86		
3	16QAM	8	7	20.62	20.96	20.82		
3	16QAM	15	0	20.84	21.13	20.94		
3	64QAM	1	0	20.59	20.83	20.71	22.5	2
3	64QAM	1	8	20.57	20.82	20.64		
3	64QAM	1	14	20.67	21.00	20.52		
3	64QAM	8	0	19.76	19.89	19.99	21.5	3
3	64QAM	8	4	19.79	19.95	19.77		
3	64QAM	8	7	19.69	19.90	19.84		
3	64QAM	15	0	19.84	20.08	19.97		
3	256QAM	1	0	17.68	17.90	17.63	19.5	5
3	256QAM	1	8	17.74	17.91	17.79		
3	256QAM	1	14	17.64	17.71	17.60		
3	256QAM	8	0	17.88	17.90	17.73	19.5	5
3	256QAM	8	4	17.83	17.78	17.82		
3	256QAM	8	7	17.77	17.92	17.76		
3	256QAM	15	0	17.80	17.91	17.71		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.89	23.08	22.84	24.5	0
1.4	QPSK	1	3	22.81	22.86	22.87		
1.4	QPSK	1	5	22.89	22.77	22.91		
1.4	QPSK	3	0	22.91	23.12	22.90		
1.4	QPSK	3	1	22.87	22.86	22.83		
1.4	QPSK	3	3	22.82	22.85	22.83		
1.4	QPSK	6	0	22.06	22.26	22.10	23.5	1
1.4	16QAM	1	0	21.89	21.97	22.04	23.5	1
1.4	16QAM	1	3	21.96	21.99	22.00		
1.4	16QAM	1	5	21.79	21.83	21.62		
1.4	16QAM	3	0	21.80	21.79	21.68		
1.4	16QAM	3	1	21.59	21.50	21.63		
1.4	16QAM	3	3	21.72	21.76	21.69		
1.4	16QAM	6	0	20.78	20.87	20.88	22.5	2
1.4	64QAM	1	0	20.77	20.67	20.87	22.5	2
1.4	64QAM	1	3	20.63	20.97	20.83		
1.4	64QAM	1	5	20.86	21.10	21.04		
1.4	64QAM	3	0	20.66	20.91	20.66		
1.4	64QAM	3	1	20.54	20.86	20.68		
1.4	64QAM	3	3	20.67	21.03	20.60		
1.4	64QAM	6	0	19.73	19.89	19.84	21.5	3
1.4	256QAM	1	0	17.71	17.92	17.65	19.5	5
1.4	256QAM	1	3	17.74	17.80	17.72		
1.4	256QAM	1	5	17.56	17.67	17.57		
1.4	256QAM	3	0	17.89	17.83	17.76		
1.4	256QAM	3	1	17.96	17.88	17.68		
1.4	256QAM	3	3	17.73	18.02	17.70		
1.4	256QAM	6	0	17.84	17.88	17.75	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.87	24.14	23.73	25.5	0
20	QPSK	1	49	23.73	24.04	23.88		
20	QPSK	1	99	23.74	24.01	23.82		
20	QPSK	50	0	23.04	23.28	23.06	24.5	1
20	QPSK	50	24	22.86	23.14	22.94		
20	QPSK	50	50	22.89	23.19	22.99		
20	QPSK	100	0	22.70	23.03	22.66		
20	16QAM	1	0	22.64	22.93	22.64	24.5	1
20	16QAM	1	49	22.59	22.71	22.56		
20	16QAM	1	99	22.52	22.93	22.61		
20	16QAM	50	0	21.78	22.00	21.76	23.5	2
20	16QAM	50	24	21.70	21.83	21.76		
20	16QAM	50	50	21.67	21.98	21.82		
20	16QAM	100	0	21.84	22.33	22.00		
20	64QAM	1	0	21.65	21.97	21.69	23.5	2
20	64QAM	1	49	21.56	21.96	21.58		
20	64QAM	1	99	21.55	22.13	21.51		
20	64QAM	50	0	20.64	21.16	20.99	22.5	3
20	64QAM	50	24	20.66	21.05	20.68		
20	64QAM	50	50	20.70	21.05	20.71		
20	64QAM	100	0	20.82	21.25	20.89		
20	256QAM	1	0	18.66	19.07	18.63	20.5	5
20	256QAM	1	49	18.71	18.97	18.71		
20	256QAM	1	99	18.59	18.81	18.54		
20	256QAM	50	0	18.81	19.08	18.84	20.5	5
20	256QAM	50	24	18.76	19.02	18.65		
20	256QAM	50	50	18.78	19.12	18.70		
20	256QAM	100	0	18.83	19.08	18.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.74	23.92	23.69	25.5	0
15	QPSK	1	37	23.68	23.78	23.86		
15	QPSK	1	74	23.64	23.65	23.73		
15	QPSK	36	0	22.92	22.93	22.91	24.5	1
15	QPSK	36	20	22.72	22.81	22.85		
15	QPSK	36	39	22.78	22.91	22.92		
15	QPSK	75	0	22.59	22.70	22.59		
15	16QAM	1	0	22.57	22.62	22.54	24.5	1
15	16QAM	1	37	22.50	22.60	22.52		
15	16QAM	1	74	22.56	22.58	22.59		
15	16QAM	36	0	21.72	21.71	21.61	23.5	2
15	16QAM	36	20	21.55	21.56	21.65		
15	16QAM	36	39	21.52	21.68	21.79		
15	16QAM	75	0	21.80	21.96	21.86		
15	64QAM	1	0	21.63	21.66	21.60	23.5	2
15	64QAM	1	37	21.52	21.69	21.55		
15	64QAM	1	74	21.52	21.89	21.66		
15	64QAM	36	0	20.63	20.79	20.74	22.5	3
15	64QAM	36	20	20.53	20.79	20.65		
15	64QAM	36	39	20.62	20.74	20.55		
15	64QAM	75	0	20.80	20.97	20.82		
15	256QAM	1	0	18.63	18.70	18.57	20.5	5
15	256QAM	1	37	18.63	18.66	18.65		
15	256QAM	1	74	18.61	18.61	18.56		
15	256QAM	36	0	18.68	18.78	18.71	20.5	5
15	256QAM	36	20	18.60	18.79	18.58		
15	256QAM	36	39	18.73	18.87	18.66		
15	256QAM	75	0	18.78	18.74	18.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.81	23.80	23.58	25.5	0
10	QPSK	1	25	23.56	23.75	23.82		
10	QPSK	1	49	23.65	23.71	23.75		
10	QPSK	25	0	22.88	22.97	22.90	24.5	1
10	QPSK	25	12	22.70	22.86	22.80		
10	QPSK	25	25	22.75	22.94	22.93		
10	QPSK	50	0	22.54	22.77	22.65		
10	16QAM	1	0	22.61	22.70	22.67	24.5	1
10	16QAM	1	25	22.58	22.68	22.50		
10	16QAM	1	49	22.58	22.56	22.56		
10	16QAM	25	0	21.72	21.66	21.60	23.5	2
10	16QAM	25	12	21.61	21.60	21.65		
10	16QAM	25	25	21.60	21.64	21.79		
10	16QAM	50	0	21.78	22.11	21.93		
10	64QAM	1	0	21.53	21.70	21.58	23.5	2
10	64QAM	1	25	21.52	21.58	21.56		
10	64QAM	1	49	21.50	21.80	21.51		
10	64QAM	25	0	20.69	20.91	20.71	22.5	3
10	64QAM	25	12	20.60	20.80	20.51		
10	64QAM	25	25	20.59	20.76	20.57		
10	64QAM	50	0	20.68	21.01	20.76		
10	256QAM	1	0	18.64	18.70	18.71	20.5	5
10	256QAM	1	25	18.57	18.59	18.69		
10	256QAM	1	49	18.52	18.67	18.58		
10	256QAM	25	0	18.69	18.73	18.76	20.5	5
10	256QAM	25	12	18.68	18.71	18.58		
10	256QAM	25	25	18.64	18.87	18.65		
10	256QAM	50	0	18.69	18.84	18.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.80	23.85	23.66	25.5	0
5	QPSK	1	12	23.65	23.74	23.79		
5	QPSK	1	24	23.59	23.66	23.64		
5	QPSK	12	0	22.94	23.02	22.97	24.5	1
5	QPSK	12	7	22.76	22.76	22.82		
5	QPSK	12	13	22.72	22.96	22.94		
5	QPSK	25	0	22.55	22.67	22.62		
5	16QAM	1	0	22.50	22.59	22.51	24.5	1
5	16QAM	1	12	22.58	22.63	22.56		
5	16QAM	1	24	22.58	22.63	22.64		
5	16QAM	12	0	21.67	21.73	21.60	23.5	2
5	16QAM	12	7	21.64	21.56	21.64		
5	16QAM	12	13	21.62	21.66	21.68		
5	16QAM	25	0	21.66	22.03	21.88		
5	64QAM	1	0	21.62	21.67	21.62	23.5	2
5	64QAM	1	12	21.55	21.70	21.65		
5	64QAM	1	24	21.54	21.83	21.56		
5	64QAM	12	0	20.77	20.90	20.66	22.5	3
5	64QAM	12	7	20.61	20.71	20.56		
5	64QAM	12	13	20.54	20.78	20.57		
5	64QAM	25	0	20.66	20.90	20.85		
5	256QAM	1	0	18.53	18.75	18.53	20.5	5
5	256QAM	1	12	18.54	18.60	18.67		
5	256QAM	1	24	18.51	18.69	18.56		
5	256QAM	12	0	18.75	18.83	18.77	20.5	5
5	256QAM	12	7	18.70	18.67	18.62		
5	256QAM	12	13	18.74	18.79	18.68		
5	256QAM	25	0	18.73	18.72	18.70		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.72	23.90	23.65	25.5	0
3	QPSK	1	8	23.65	23.73	23.74		
3	QPSK	1	14	23.70	23.72	23.73		
3	QPSK	8	0	23.00	22.93	22.94	24.5	1
3	QPSK	8	4	22.79	22.88	22.84		
3	QPSK	8	7	22.73	22.91	22.85		
3	QPSK	15	0	22.68	22.72	22.55		
3	16QAM	1	0	22.59	22.56	22.56	24.5	1
3	16QAM	1	8	22.50	22.56	22.59		
3	16QAM	1	14	22.53	22.65	22.63		
3	16QAM	8	0	21.70	21.67	21.71	23.5	2
3	16QAM	8	4	21.58	21.51	21.68		
3	16QAM	8	7	21.61	21.72	21.76		
3	16QAM	15	0	21.75	22.10	21.84		
3	64QAM	1	0	21.62	21.66	21.58	23.5	2
3	64QAM	1	8	21.63	21.63	21.56		
3	64QAM	1	14	21.50	21.87	21.52		
3	64QAM	8	0	20.74	20.79	20.73	22.5	3
3	64QAM	8	4	20.61	20.77	20.54		
3	64QAM	8	7	20.59	20.74	20.60		
3	64QAM	15	0	20.76	21.00	20.83		
3	256QAM	1	0	18.56	18.83	18.59	20.5	5
3	256QAM	1	8	18.61	18.59	18.67		
3	256QAM	1	14	18.58	18.55	18.59		
3	256QAM	8	0	18.71	18.79	18.70	20.5	5
3	256QAM	8	4	18.72	18.70	18.61		
3	256QAM	8	7	18.68	18.84	18.60		
3	256QAM	15	0	18.77	18.78	18.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.77	23.71	25.5	0
1.4	QPSK	1	3	23.63	23.69	23.80		
1.4	QPSK	1	5	23.66	23.77	23.65		
1.4	QPSK	3	0	23.70	23.84	23.66		
1.4	QPSK	3	1	23.68	23.77	23.72		
1.4	QPSK	3	3	23.71	23.74	23.69		
1.4	QPSK	6	0	22.88	23.02	22.99	24.5	1
1.4	16QAM	1	0	22.75	22.86	22.89	24.5	1
1.4	16QAM	1	3	22.82	22.93	22.92		
1.4	16QAM	1	5	22.66	22.75	22.55		
1.4	16QAM	3	0	22.61	22.56	22.50		
1.4	16QAM	3	1	22.60	22.59	22.58		
1.4	16QAM	3	3	22.55	22.65	22.56		
1.4	16QAM	6	0	21.66	21.78	21.71	23.5	2
1.4	64QAM	1	0	21.58	21.57	21.64	23.5	2
1.4	64QAM	1	3	21.63	21.62	21.69		
1.4	64QAM	1	5	21.72	22.01	21.94		
1.4	64QAM	3	0	21.58	21.70	21.59		
1.4	64QAM	3	1	21.63	21.58	21.63		
1.4	64QAM	3	3	21.58	21.75	21.53		
1.4	64QAM	6	0	20.72	20.84	20.62	22.5	3
1.4	256QAM	1	0	18.64	18.81	18.57	20.5	5
1.4	256QAM	1	3	18.53	18.73	18.66		
1.4	256QAM	1	5	18.57	18.61	18.54		
1.4	256QAM	3	0	18.70	18.86	18.74		
1.4	256QAM	3	1	18.71	18.65	18.60		
1.4	256QAM	3	3	18.62	18.77	18.56		
1.4	256QAM	6	0	18.67	18.80	18.74	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			37850	38000	38150			
	Frequency (MHz)			2580	2595	2610			
20	QPSK	1	0	23.72	23.81	23.54		25	0
20	QPSK	1	49	23.55	23.59	23.56			
20	QPSK	1	99	23.56	23.61	23.51			
20	QPSK	50	0	22.74	22.96	22.76		24	1
20	QPSK	50	24	22.72	22.74	22.67			
20	QPSK	50	50	22.63	22.77	22.69			
20	QPSK	100	0	22.53	22.57	22.46			
20	16QAM	1	0	22.48	22.50	22.40		24	1
20	16QAM	1	49	22.39	22.33	22.42			
20	16QAM	1	99	22.36	22.51	22.41			
20	16QAM	50	0	21.56	21.53	21.55		23	2
20	16QAM	50	24	21.40	21.47	21.54			
20	16QAM	50	50	21.52	21.64	21.58			
20	16QAM	100	0	21.68	21.83	21.71			
20	64QAM	1	0	21.46	21.57	21.43		23	2
20	64QAM	1	49	21.40	21.51	21.42			
20	64QAM	1	99	21.29	21.70	21.28			
20	64QAM	50	0	20.54	20.69	20.70		22	3
20	64QAM	50	24	20.47	20.57	20.52			
20	64QAM	50	50	20.47	20.57	20.57			
20	64QAM	100	0	20.62	20.74	20.69			
20	256QAM	1	0	18.53	18.72	18.37		20	5
20	256QAM	1	49	18.41	18.58	18.46			
20	256QAM	1	99	18.43	18.40	18.30			
20	256QAM	50	0	18.57	18.66	18.54		20	5
20	256QAM	50	24	18.58	18.58	18.43			
20	256QAM	50	50	18.55	18.68	18.41			
20	256QAM	100	0	18.63	18.72	18.55			
	Channel			37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2577.5	2595	2612.5			
15	QPSK	1	0	23.66	23.70	23.47		25	0
15	QPSK	1	37	23.48	23.47	23.40			
15	QPSK	1	74	23.54	23.57	23.33			
15	QPSK	36	0	22.68	22.86	22.65		24	1
15	QPSK	36	20	22.67	22.68	22.55			
15	QPSK	36	39	22.55	22.60	22.61			
15	QPSK	75	0	22.43	22.42	22.34			
15	16QAM	1	0	22.43	22.32	22.29		24	1
15	16QAM	1	37	22.34	22.16	22.27			
15	16QAM	1	74	22.26	22.38	22.33			
15	16QAM	36	0	21.44	21.37	21.39		23	2
15	16QAM	36	20	21.37	21.44	21.37			
15	16QAM	36	39	21.42	21.56	21.48			
15	16QAM	75	0	21.57	21.76	21.65			
15	64QAM	1	0	21.39	21.44	21.28		23	2
15	64QAM	1	37	21.31	21.40	21.36			
15	64QAM	1	74	21.25	21.57	21.18			
15	64QAM	36	0	20.38	20.62	20.63		22	3
15	64QAM	36	20	20.34	20.52	20.50			
15	64QAM	36	39	20.44	20.51	20.51			
15	64QAM	75	0	20.50	20.66	20.58			
15	256QAM	1	0	18.42	18.61	18.22		20	5
15	256QAM	1	37	18.27	18.40	18.43			
15	256QAM	1	74	18.38	18.31	18.19			
15	256QAM	36	0	18.52	18.64	18.49		20	5
15	256QAM	36	20	18.41	18.49	18.38			
15	256QAM	36	39	18.46	18.54	18.36			
15	256QAM	75	0	18.61	18.60	18.53			
	Channel			37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2575	2595	2615			
10	QPSK	1	0	23.66	23.65	23.39		25	0
10	QPSK	1	25	23.41	23.52	23.49			
10	QPSK	1	49	23.44	23.57	23.42			
10	QPSK	25	0	22.69	22.80	22.68		24	1
10	QPSK	25	12	22.65	22.62	22.50			
10	QPSK	25	25	22.61	22.60	22.65			
10	QPSK	50	0	22.42	22.49	22.29			
10	16QAM	1	0	22.34	22.39	22.30		24	1
10	16QAM	1	25	22.33	22.26	22.32			
10	16QAM	1	49	22.26	22.47	22.29			
10	16QAM	25	0	21.45	21.42	21.40		23	2
10	16QAM	25	12	21.32	21.36	21.37			
10	16QAM	25	25	21.43	21.52	21.55			
10	16QAM	50	0	21.56	21.78	21.54			
10	64QAM	1	0	21.28	21.50	21.40		23	2
10	64QAM	1	25	21.23	21.40	21.34			
10	64QAM	1	49	21.22	21.53	21.11			
10	64QAM	25	0	20.49	20.61	20.65		22	3
10	64QAM	25	12	20.35	20.53	20.34			
10	64QAM	25	25	20.39	20.54	20.53			
10	64QAM	50	0	20.48	20.56	20.60			
10	256QAM	1	0	18.50	18.67	18.23		20	5
10	256QAM	1	25	18.31	18.40	18.32			
10	256QAM	1	49	18.29	18.27	18.31			
10	256QAM	25	0	18.44	18.53	18.41		20	5
10	256QAM	25	12	18.41	18.43	18.36			
10	256QAM	25	25	18.48	18.60	18.27			
10	256QAM	50	0	18.48	18.65	18.42			
	Channel			37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2572.5	2595	2617.5			
5	QPSK	1	0	23.66	23.64	23.46		25	0
5	QPSK	1	12	23.50	23.44	23.43			
5	QPSK	1	24	23.46	23.59	23.34			
5	QPSK	12	0	22.62	22.87	22.64		24	1
5	QPSK	12	7	22.57	22.69	22.63			
5	QPSK	12	13	22.47	22.71	22.61			
5	QPSK	25	0	22.44	22.54	22.43			
5	16QAM	1	0	22.41	22.41	22.24		24	1
5	16QAM	1	12	22.27	22.25	22.25			
5	16QAM	1	24	22.27	22.37	22.24			
5	16QAM	12	0	21.43	21.47	21.39		23	2
5	16QAM	12	7	21.28	21.38	21.40			
5	16QAM	12	13	21.50	21.56	21.54			
5	16QAM	25	0	21.58	21.70	21.56			
5	64QAM	1	0	21.34	21.49	21.33		23	2
5	64QAM	1	12	21.25	21.45	21.32			
5	64QAM	1	24	21.27	21.56	21.12			
5	64QAM	12	0	20.51	20.54	20.67		22	3
5	64QAM	12	7	20.44	20.40	20.40			
5	64QAM	12	13	20.39	20.50	20.54			
5	64QAM	25	0	20.47	20.57	20.60			
5	256QAM	1	0	18.49	18.56	18.24		20	5
5	256QAM	1	12	18.30	18.50	18.42			
5	256QAM	1	24	18.35	18.24	18.13			
5	256QAM	12	0	18.39	18.48	18.43		20	5
5	256QAM	12	7	18.53	18.54	18.29			
5	256QAM	12	13	18.50	18.57	18.25			
5	256QAM	25	0	18.46	18.61	18.52			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			39750	40185	40620	41055	41490		
	Frequency (MHz)			2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.66	23.54	23.53	25	0
20	QPSK	1	49	23.50	23.59	23.64	23.54	23.53		
20	QPSK	1	99	23.48	23.52	23.57	23.51	23.45		
20	QPSK	50	0	22.70	22.69	22.88	22.80	22.74	24	1
20	QPSK	50	24	22.58	22.63	22.75	22.65	22.60		
20	QPSK	50	50	22.58	22.65	22.75	22.73	22.60		
20	QPSK	100	0	22.42	22.48	22.54	22.40	22.41		
20	16QAM	1	0	22.33	22.38	22.52	22.45	22.30	24	1
20	16QAM	1	49	22.27	22.36	22.28	22.34	22.26		
20	16QAM	1	99	22.25	22.29	22.54	22.40	22.29		
20	16QAM	50	0	21.40	21.47	21.55	21.53	21.46	23	2
20	16QAM	50	24	21.34	21.38	21.46	21.48	21.37		
20	16QAM	50	50	21.33	21.41	21.57	21.53	21.40		
20	16QAM	100	0	21.50	21.60	21.88	21.72	21.58		
20	64QAM	1	0	21.30	21.44	21.61	21.42	21.31	23	2
20	64QAM	1	49	21.23	21.33	21.54	21.41	21.32		
20	64QAM	1	99	21.21	21.27	21.66	21.25	21.19		
20	64QAM	50	0	20.37	20.47	20.70	20.65	20.36	22	3
20	64QAM	50	24	20.36	20.35	20.62	20.50	20.36		
20	64QAM	50	50	20.38	20.50	20.57	20.53	20.37		
20	64QAM	100	0	20.56	20.58	20.81	20.64	20.58		
20	256QAM	1	0	18.35	18.49	18.68	18.42	18.46	20	5
20	256QAM	1	49	18.34	18.37	18.47	18.41	18.40		
20	256QAM	1	99	18.32	18.43	18.41	18.30	18.26		
20	256QAM	50	0	18.47	18.61	18.58	18.52	18.52	20	5
20	256QAM	50	24	18.55	18.53	18.57	18.45	18.50		
20	256QAM	50	50	18.45	18.55	18.71	18.38	18.48		
20	256QAM	100	0	18.51	18.62	18.64	18.58	18.49		
	Channel			39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.54	23.53	23.51	23.40	23.36	25	0
15	QPSK	1	37	23.44	23.49	23.50	23.52	23.36		
15	QPSK	1	74	23.41	23.47	23.49	23.47	23.33		
15	QPSK	36	0	22.61	22.62	22.84	22.72	22.63	24	1
15	QPSK	36	20	22.51	22.52	22.58	22.59	22.47		
15	QPSK	36	39	22.42	22.62	22.71	22.67	22.46		
15	QPSK	75	0	22.25	22.31	22.49	22.36	22.31		
15	16QAM	1	0	22.23	22.35	22.43	22.38	22.16	24	1
15	16QAM	1	37	22.19	22.25	22.10	22.18	22.10		
15	16QAM	1	74	22.17	22.18	22.45	22.32	22.13		
15	16QAM	36	0	21.32	21.30	21.40	21.39	21.39	23	2
15	16QAM	36	20	21.31	21.28	21.32	21.40	21.34		
15	16QAM	36	39	21.30	21.36	21.54	21.39	21.24		
15	16QAM	75	0	21.46	21.58	21.80	21.54	21.49		
15	64QAM	1	0	21.15	21.29	21.51	21.26	21.28	23	2
15	64QAM	1	37	21.14	21.25	21.42	21.37	21.18		
15	64QAM	1	74	21.11	21.15	21.48	21.13	21.05		
15	64QAM	36	0	20.33	20.42	20.64	20.51	20.26	22	3
15	64QAM	36	20	20.29	20.21	20.58	20.44	20.19		
15	64QAM	36	39	20.28	20.43	20.51	20.36	20.25		
15	64QAM	75	0	20.43	20.47	20.76	20.49	20.55		
15	256QAM	1	0	18.32	18.38	18.66	18.37	18.40	20	5
15	256QAM	1	37	18.23	18.22	18.35	18.25	18.30		
15	256QAM	1	74	18.27	18.29	18.25	18.21	18.21		
15	256QAM	36	0	18.33	18.48	18.56	18.45	18.34	20	5
15	256QAM	36	20	18.52	18.39	18.40	18.29	18.45		
15	256QAM	36	39	18.39	18.48	18.68	18.31	18.37		
15	256QAM	75	0	18.43	18.50	18.46	18.44	18.31		
	Channel			39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2501	2547	2593	2639	2685		
10	QPSK	1	0	23.54	23.45	23.58	23.44	23.47	25	0
10	QPSK	1	25	23.38	23.42	23.52	23.42	23.49		
10	QPSK	1	49	23.44	23.44	23.49	23.43	23.36		
10	QPSK	25	0	22.63	22.63	22.84	22.69	22.70	24	1
10	QPSK	25	12	22.48	22.47	22.69	22.58	22.46		
10	QPSK	25	25	22.46	22.61	22.61	22.60	22.60		
10	QPSK	50	0	22.26	22.32	22.49	22.32	22.35		
10	16QAM	1	0	22.18	22.32	22.41	22.28	22.25	24	1
10	16QAM	1	25	22.10	22.25	22.26	22.26	22.12		
10	16QAM	1	49	22.21	22.12	22.52	22.28	22.12		
10	16QAM	25	0	21.29	21.36	21.47	21.40	21.44	23	2
10	16QAM	25	12	21.26	21.29	21.30	21.39	21.34		
10	16QAM	25	25	21.27	21.31	21.48	21.35	21.24		
10	16QAM	50	0	21.42	21.48	21.73	21.57	21.46		
10	64QAM	1	0	21.17	21.32	21.43	21.31	21.23	23	2
10	64QAM	1	25	21.16	21.23	21.47	21.30	21.17		
10	64QAM	1	49	21.05	21.19	21.55	21.13	21.07		
10	64QAM	25	0	20.28	20.40	20.60	20.57	20.25	22	3
10	64QAM	25	12	20.22	20.30	20.48	20.47	20.20		
10	64QAM	25	25	20.24	20.47	20.40	20.39	20.31		
10	64QAM	50	0	20.49	20.46	20.75	20.62	20.54		
10	256QAM	1	0	18.23	18.33	18.57	18.34	18.30	20	5
10	256QAM	1	25	18.23	18.21	18.32	18.26	18.31		
10	256QAM	1	49	18.26	18.37	18.25	18.15	18.21		
10	256QAM	25	0	18.44	18.45	18.47	18.43	18.41	20	5
10	256QAM	25	12	18.45	18.45	18.52	18.37	18.33		
10	256QAM	25	25	18.43	18.43	18.56	18.25	18.39		
10	256QAM	50	0	18.40	18.52	18.52	18.44	18.41		
	Channel			39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.54	23.54	23.59	23.40	23.42	25	0
5	QPSK	1	12	23.45	23.54	23.59	23.40	23.47		
5	QPSK	1	24	23.42	23.38	23.44	23.33	23.39		
5	QPSK	12	0	22.59	22.63	22.82	22.64	22.57	24	1
5	QPSK	12	7	22.55	22.55	22.65	22.58	22.45		
5	QPSK	12	13	22.53	22.52	22.62	22.56	22.54		
5	QPSK	25	0	22.29	22.33	22.51	22.23	22.38		
5	16QAM	1	0	22.22	22.34	22.49	22.29	22.19	24	1
5	16QAM	1	12	22.22	22.33	22.24	22.31	22.13		
5	16QAM	1	24	22.14	22.12	22.36	22.37	22.11		
5	16QAM	12	0	21.38	21.32	21.43	21.46	21.43	23	2
5	16QAM	12	7	21.22	21.23	21.42	21.43	21.20		
5	16QAM	12	13	21.29	21.34	21.49	21.47	21.30		
5	16QAM	25	0	21.38	21.56	21.74	21.63	21.53		
5	64QAM	1	0	21.20	21.27	21.50	21.38	21.17	23	2
5	64QAM	1	12	21.07	21.27	21.51	21.28	21.29		
5	64QAM	1	24	21.11	21.11	21.51	21.12	21.14		
5	64QAM	12	0	20.31	20.41	20.60	20.51	20.33	22	3
5	64QAM	12	7	20.32	20.19	20.60	20.45	20.20		
5	64QAM	12	13	20.33	20.43	20.53	20.42	20.29		
5	64QAM	25	0	20.41	20.46	20.78	20.62	20.44		
5	256QAM	1	0	18.26	18.41	18.62	18.39	18.35	20	5
5	256QAM	1	12	18.24	18.25	18.41	18.38	18.32		
5	256QAM	1	24	18.22	18.31	18.23	18.18	18.22		
5	256QAM	12	0	18.45	18.52	18.43	18.48	18.44	20	5
5	256QAM	12	7	18.41	18.49	18.54	18.37	18.40		
5	256QAM	12	13	18.33	18.37	18.61	18.31	18.42		
5	256QAM	25	0	18.38	18.55	18.58	18.48	18.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.03	25.14	24.85	25.7	0
20	QPSK	1	49	24.95	24.98	25.05		
20	QPSK	1	99	24.89	24.92	24.90		
20	QPSK	50	0	24.17	24.35	24.18	24.7	1
20	QPSK	50	24	24.10	24.17	24.08		
20	QPSK	50	50	24.02	24.21	24.11		
20	QPSK	100	0	23.90	23.95	23.87		
20	16QAM	1	0	23.83	23.87	23.86	24.7	1
20	16QAM	1	49	23.75	23.75	23.73		
20	16QAM	1	99	23.77	23.92	23.75		
20	16QAM	50	0	22.90	22.93	22.97	23.7	2
20	16QAM	50	24	22.83	22.91	22.86		
20	16QAM	50	50	22.78	23.02	22.96		
20	16QAM	100	0	22.99	23.25	23.11		
20	64QAM	1	0	22.82	22.97	22.81	23.7	2
20	64QAM	1	49	22.77	22.89	22.75		
20	64QAM	1	99	22.69	23.01	22.67		
20	64QAM	50	0	21.88	22.06	22.05	22.7	3
20	64QAM	50	24	21.85	22.07	21.88		
20	64QAM	50	50	21.88	22.02	21.97		
20	64QAM	100	0	22.00	22.21	22.10		
20	256QAM	1	0	19.86	20.08	19.80	20.7	5
20	256QAM	1	49	19.86	19.87	19.82		
20	256QAM	1	99	19.76	19.81	19.69		
20	256QAM	50	0	19.96	20.00	19.96	20.7	5
20	256QAM	50	24	20.00	19.94	19.85		
20	256QAM	50	50	19.96	20.05	19.89		
20	256QAM	100	0	20.01	20.06	19.98		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.90	25.02	24.76	25.7	0
15	QPSK	1	37	24.83	24.86	24.92		
15	QPSK	1	74	24.78	24.75	24.74		
15	QPSK	36	0	24.07	24.24	24.10	24.7	1
15	QPSK	36	20	23.99	23.99	23.94		
15	QPSK	36	39	23.94	24.08	24.04		
15	QPSK	75	0	23.74	23.83	23.85		
15	16QAM	1	0	23.66	23.83	23.72	24.7	1
15	16QAM	1	37	23.61	23.60	23.59		
15	16QAM	1	74	23.61	23.84	23.67		
15	16QAM	36	0	22.78	22.88	22.93	23.7	2
15	16QAM	36	20	22.71	22.83	22.82		
15	16QAM	36	39	22.65	22.88	22.94		
15	16QAM	75	0	22.88	23.17	23.05		
15	64QAM	1	0	22.64	22.84	22.66	23.7	2
15	64QAM	1	37	22.69	22.73	22.66		
15	64QAM	1	74	22.64	22.86	22.61		
15	64QAM	36	0	21.80	21.95	21.96	22.7	3
15	64QAM	36	20	21.69	21.98	21.75		
15	64QAM	36	39	21.72	21.97	21.87		
15	64QAM	75	0	21.89	22.09	22.05		
15	256QAM	1	0	19.81	20.05	19.74	20.7	5
15	256QAM	1	37	19.71	19.84	19.79		
15	256QAM	1	74	19.60	19.78	19.65		
15	256QAM	36	0	19.80	19.89	19.85	20.7	5
15	256QAM	36	20	19.91	19.84	19.73		
15	256QAM	36	39	19.86	19.99	19.79		
15	256QAM	75	0	19.88	19.93	19.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.89	25.03	24.80	25.7	0
10	QPSK	1	25	24.82	24.88	24.94		
10	QPSK	1	49	24.72	24.85	24.85		
10	QPSK	25	0	24.11	24.25	24.02	24.7	1
10	QPSK	25	12	23.94	24.13	23.93		
10	QPSK	25	25	23.88	24.10	24.05		
10	QPSK	50	0	23.87	23.92	23.71		
10	16QAM	1	0	23.69	23.75	23.70	24.7	1
10	16QAM	1	25	23.61	23.73	23.71		
10	16QAM	1	49	23.74	23.83	23.69		
10	16QAM	25	0	22.78	22.78	22.94	23.7	2
10	16QAM	25	12	22.78	22.78	22.75		
10	16QAM	25	25	22.69	22.99	22.81		
10	16QAM	50	0	22.89	23.16	22.94		
10	64QAM	1	0	22.67	22.84	22.78	23.7	2
10	64QAM	1	25	22.60	22.77	22.70		
10	64QAM	1	49	22.66	22.92	22.58		
10	64QAM	25	0	21.80	21.93	21.94	22.7	3
10	64QAM	25	12	21.76	22.01	21.77		
10	64QAM	25	25	21.71	22.00	21.92		
10	64QAM	50	0	21.95	22.06	22.03		
10	256QAM	1	0	19.70	19.92	19.66	20.7	5
10	256QAM	1	25	19.77	19.77	19.77		
10	256QAM	1	49	19.66	19.78	19.59		
10	256QAM	25	0	19.81	19.84	19.89	20.7	5
10	256QAM	25	12	19.89	19.85	19.72		
10	256QAM	25	25	19.81	19.98	19.73		
10	256QAM	50	0	19.89	19.99	19.84		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.94	24.97	24.69	25.7	0
5	QPSK	1	12	24.82	24.82	24.98		
5	QPSK	1	24	24.83	24.82	24.83		
5	QPSK	12	0	24.05	24.25	24.14	24.7	1
5	QPSK	12	7	24.02	24.12	23.92		
5	QPSK	12	13	23.91	24.15	23.98		
5	QPSK	25	0	23.78	23.92	23.80		
5	16QAM	1	0	23.70	23.82	23.69	24.7	1
5	16QAM	1	12	23.65	23.61	23.66		
5	16QAM	1	24	23.61	23.81	23.59		
5	16QAM	12	0	22.76	22.84	22.84	23.7	2
5	16QAM	12	7	22.78	22.82	22.73		
5	16QAM	12	13	22.70	22.93	22.88		
5	16QAM	25	0	22.95	23.10	23.07		
5	64QAM	1	0	22.76	22.80	22.78	23.7	2
5	64QAM	1	12	22.74	22.74	22.66		
5	64QAM	1	24	22.53	22.96	22.64		
5	64QAM	12	0	21.81	21.99	21.91	22.7	3
5	64QAM	12	7	21.82	22.02	21.84		
5	64QAM	12	13	21.74	21.96	21.88		
5	64QAM	25	0	21.89	22.08	22.06		
5	256QAM	1	0	19.81	19.92	19.74	20.7	5
5	256QAM	1	12	19.75	19.71	19.68		
5	256QAM	1	24	19.73	19.70	19.56		
5	256QAM	12	0	19.88	19.90	19.89	20.7	5
5	256QAM	12	7	19.85	19.84	19.67		
5	256QAM	12	13	19.86	20.01	19.84		
5	256QAM	25	0	19.95	19.99	19.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.73	23.80	23.54	23.38	24.5	0
20	QPSK	1	49	23.58	23.66	23.60	23.44		
20	QPSK	1	99	23.55	23.60	23.59	23.44		
20	QPSK	50	0	22.84	22.96	22.78	22.62	23.5	1
20	QPSK	50	24	22.68	22.70	22.69	22.61		
20	QPSK	50	50	22.72	22.81	22.80	22.61		
20	QPSK	100	0	22.54	22.60	22.47	22.34		
20	16QAM	1	0	22.45	22.58	22.44	22.26	23.5	1
20	16QAM	1	49	22.36	22.28	22.39	22.27		
20	16QAM	1	99	22.38	22.59	22.47	22.34		
20	16QAM	50	0	21.56	21.63	21.65	21.48	22.5	2
20	16QAM	50	24	21.48	21.46	21.58	21.42		
20	16QAM	50	50	21.51	21.61	21.58	21.42		
20	16QAM	100	0	21.67	21.92	21.80	21.66		
20	64QAM	1	0	21.43	21.62	21.49	21.58	22.5	2
20	64QAM	1	49	21.32	21.57	21.35	21.35		
20	64QAM	1	99	21.31	21.69	21.26	21.21		
20	64QAM	50	0	20.45	20.70	20.75	20.62	21.5	3
20	64QAM	50	24	20.42	20.59	20.51	20.35		
20	64QAM	50	50	20.48	20.65	20.50	20.47		
20	64QAM	100	0	20.65	20.82	20.76	20.60		
20	256QAM	1	0	18.49	18.72	18.37	18.30	19.5	5
20	256QAM	1	49	18.41	18.55	18.49	18.35		
20	256QAM	1	99	18.41	18.50	18.39	18.29		
20	256QAM	50	0	18.56	18.58	18.60	18.40	19.5	5
20	256QAM	50	24	18.61	18.61	18.44	18.31		
20	256QAM	50	50	18.61	18.69	18.52	18.35		
20	256QAM	100	0	18.70	18.71	18.64	18.42		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.70	23.47	23.23	24.5	0
15	QPSK	1	37	23.49	23.61	23.45	23.41		
15	QPSK	1	74	23.51	23.53	23.48	23.40		
15	QPSK	36	0	22.67	22.83	22.61	22.51	23.5	1
15	QPSK	36	20	22.51	22.56	22.53	22.58		
15	QPSK	36	39	22.56	22.64	22.69	22.58		
15	QPSK	75	0	22.38	22.43	22.31	22.19		
15	16QAM	1	0	22.37	22.45	22.30	22.16	23.5	1
15	16QAM	1	37	22.23	22.14	22.29	22.09		
15	16QAM	1	74	22.29	22.52	22.43	22.30		
15	16QAM	36	0	21.41	21.56	21.52	21.39	22.5	2
15	16QAM	36	20	21.37	21.37	21.43	21.29		
15	16QAM	36	39	21.46	21.52	21.55	21.27		
15	16QAM	75	0	21.52	21.86	21.72	21.51		
15	64QAM	1	0	21.38	21.57	21.38	21.56	22.5	2
15	64QAM	1	37	21.29	21.48	21.22	21.31		
15	64QAM	1	74	21.17	21.60	21.12	21.38		
15	64QAM	36	0	20.30	20.64	20.72	20.49	21.5	3
15	64QAM	36	20	20.29	20.43	20.37	20.32		
15	64QAM	36	39	20.44	20.53	20.43	20.40		
15	64QAM	75	0	20.55	20.80	20.71	20.47		
15	256QAM	1	0	18.39	18.70	18.31	18.27	19.5	5
15	256QAM	1	37	18.26	18.49	18.44	18.32		
15	256QAM	1	74	18.38	18.47	18.29	18.28		
15	256QAM	36	0	18.45	18.54	18.45	18.27	19.5	5
15	256QAM	36	20	18.55	18.45	18.42	18.21		
15	256QAM	36	39	18.54	18.61	18.37	18.28		
15	256QAM	75	0	18.67	18.66	18.60	18.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.68	23.72	23.46	23.29	24.5	0
10	QPSK	1	25	23.47	23.53	23.46	23.28		
10	QPSK	1	49	23.39	23.55	23.45	23.33		
10	QPSK	25	0	22.80	22.80	22.61	22.53	23.5	1
10	QPSK	25	12	22.63	22.64	22.54	22.52		
10	QPSK	25	25	22.58	22.63	22.67	22.54		
10	QPSK	50	0	22.38	22.53	22.32	22.19		
10	16QAM	1	0	22.36	22.45	22.34	22.11	23.5	1
10	16QAM	1	25	22.28	22.26	22.31	22.09		
10	16QAM	1	49	22.35	22.54	22.45	22.29		
10	16QAM	25	0	21.46	21.56	21.56	21.38	22.5	2
10	16QAM	25	12	21.41	21.31	21.54	21.39		
10	16QAM	25	25	21.42	21.51	21.44	21.32		
10	16QAM	50	0	21.56	21.85	21.77	21.50		
10	64QAM	1	0	21.36	21.60	21.36	21.44	22.5	2
10	64QAM	1	25	21.19	21.51	21.21	21.30		
10	64QAM	1	49	21.27	21.62	21.15	21.12		
10	64QAM	25	0	20.37	20.68	20.69	20.49	21.5	3
10	64QAM	25	12	20.37	20.44	20.39	20.29		
10	64QAM	25	25	20.36	20.54	20.40	20.39		
10	64QAM	50	0	20.51	20.78	20.62	20.42		
10	256QAM	1	0	18.33	18.57	18.33	18.19	19.5	5
10	256QAM	1	25	18.39	18.39	18.42	18.21		
10	256QAM	1	49	18.37	18.43	18.24	18.24		
10	256QAM	25	0	18.40	18.41	18.46	18.28	19.5	5
10	256QAM	25	12	18.50	18.48	18.33	18.18		
10	256QAM	25	25	18.48	18.54	18.45	18.18		
10	256QAM	50	0	18.57	18.54	18.52	18.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.68	23.45	23.26	24.5	0
5	QPSK	1	12	23.54	23.55	23.57	23.37		
5	QPSK	1	24	23.43	23.47	23.43	23.34		
5	QPSK	12	0	22.75	22.81	22.60	22.55	23.5	1
5	QPSK	12	7	22.58	22.54	22.61	22.45		
5	QPSK	12	13	22.67	22.74	22.75	22.55		
5	QPSK	25	0	22.52	22.46	22.31	22.16		
5	16QAM	1	0	22.43	22.47	22.28	22.23	23.5	1
5	16QAM	1	12	22.28	22.11	22.36	22.11		
5	16QAM	1	24	22.24	22.41	22.33	22.26		
5	16QAM	12	0	21.40	21.49	21.55	21.39	22.5	2
5	16QAM	12	7	21.38	21.40	21.43	21.34		
5	16QAM	12	13	21.44	21.47	21.43	21.26		
5	16QAM	25	0	21.55	21.77	21.72	21.51		
5	64QAM	1	0	21.37	21.59	21.38	21.42	22.5	2
5	64QAM	1	12	21.22	21.50	21.32	21.20		
5	64QAM	1	24	21.18	21.53	21.11	21.12		
5	64QAM	12	0	20.36	20.61	20.72	20.49	21.5	3
5	64QAM	12	7	20.29	20.54	20.40	20.36		
5	64QAM	12	13	20.44	20.53	20.45	20.31		
5	64QAM	25	0	20.53	20.78	20.67	20.51		
5	256QAM	1	0	18.39	18.55	18.19	18.19	19.5	5
5	256QAM	1	12	18.28	18.50	18.37	18.27		
5	256QAM	1	24	18.36	18.39	18.29	18.25		
5	256QAM	12	0	18.42	18.44	18.53	18.27	19.5	5
5	256QAM	12	7	18.49	18.46	18.29	18.16		
5	256QAM	12	13	18.51	18.59	18.48	18.31		
5	256QAM	25	0	18.52	18.62	18.59	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.25	24.35	24.05	25.5	0
20	QPSK	1	49	24.19	24.23	24.21		
20	QPSK	1	99	24.11	24.14	24.15		
20	QPSK	50	0	23.42	23.52	23.37	24.5	1
20	QPSK	50	24	23.27	23.33	23.23		
20	QPSK	50	50	23.17	23.34	23.36		
20	QPSK	100	0	23.15	23.23	22.95		
20	16QAM	1	0	22.97	23.07	23.07	24.5	1
20	16QAM	1	49	22.97	22.91	22.89		
20	16QAM	1	99	22.96	23.04	23.01		
20	16QAM	50	0	22.15	22.19	22.11	23.5	2
20	16QAM	50	24	22.05	22.02	22.07		
20	16QAM	50	50	22.06	22.18	22.14		
20	16QAM	100	0	22.18	22.39	22.35		
20	64QAM	1	0	22.03	22.15	21.99	23.5	2
20	64QAM	1	49	21.97	22.10	22.03		
20	64QAM	1	99	21.87	22.23	21.79		
20	64QAM	50	0	21.08	21.32	21.28	22.5	3
20	64QAM	50	24	21.06	21.23	21.13		
20	64QAM	50	50	21.12	21.14	21.14		
x	64QAM	100	0	21.20	21.38	21.28		
20	256QAM	1	0	19.07	19.27	19.05	20.5	5
20	256QAM	1	49	18.98	19.14	19.02		
20	256QAM	1	99	18.97	18.95	18.89		
20	256QAM	50	0	19.17	19.18	19.13	20.5	5
20	256QAM	50	24	19.20	19.11	19.05		
20	256QAM	50	50	19.13	19.28	19.03		
20	256QAM	100	0	19.20	19.31	19.12		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.23	24.26	23.91	25.5	0
15	QPSK	1	37	24.13	24.17	24.08		
15	QPSK	1	74	23.94	24.02	23.98		
15	QPSK	36	0	23.25	23.37	23.33	24.5	1
15	QPSK	36	20	23.19	23.27	23.13		
15	QPSK	36	39	23.01	23.23	23.26		
15	QPSK	75	0	22.98	23.14	22.90		
15	16QAM	1	0	22.93	22.98	22.96	24.5	1
15	16QAM	1	37	22.88	22.87	22.75		
15	16QAM	1	74	22.85	22.94	22.84		
15	16QAM	36	0	22.07	22.03	22.07	23.5	2
15	16QAM	36	20	21.88	21.89	22.03		
15	16QAM	36	39	22.02	22.09	22.04		
15	16QAM	75	0	22.05	22.36	22.17		
15	64QAM	1	0	21.93	22.09	21.94	23.5	2
15	64QAM	1	37	21.80	22.07	21.88		
15	64QAM	1	74	21.84	22.14	21.65		
15	64QAM	36	0	20.99	21.27	21.24	22.5	3
15	64QAM	36	20	20.99	21.20	21.05		
15	64QAM	36	39	21.08	20.99	21.04		
15	64QAM	75	0	21.17	21.35	21.12		
15	256QAM	1	0	19.01	19.13	18.94	20.5	5
15	256QAM	1	37	18.90	19.12	18.90		
15	256QAM	1	74	18.88	18.84	18.83		
15	256QAM	36	0	19.02	19.10	19.10	20.5	5
15	256QAM	36	20	19.13	19.05	18.88		
15	256QAM	36	39	19.10	19.21	18.98		
15	256QAM	75	0	19.09	19.26	18.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.07	24.22	23.87	25.5	0
10	QPSK	1	25	24.09	24.10	24.12		
10	QPSK	1	49	24.01	24.08	24.10		
10	QPSK	25	0	23.26	23.46	23.29	24.5	1
10	QPSK	25	12	23.12	23.19	23.11		
10	QPSK	25	25	23.14	23.29	23.19		
10	QPSK	50	0	23.06	23.08	22.92		
10	16QAM	1	0	22.92	22.97	22.96	24.5	1
10	16QAM	1	25	22.84	22.78	22.87		
10	16QAM	1	49	22.80	22.89	22.89		
10	16QAM	25	0	21.98	22.08	22.04	23.5	2
10	16QAM	25	12	21.97	21.88	21.90		
10	16QAM	25	25	21.89	22.13	22.02		
10	16QAM	50	0	22.10	22.28	22.25		
10	64QAM	1	0	21.90	22.05	21.84	23.5	2
10	64QAM	1	25	21.86	22.04	22.00		
10	64QAM	1	49	21.84	22.11	21.71		
10	64QAM	25	0	21.04	21.23	21.21	22.5	3
10	64QAM	25	12	20.97	21.06	20.99		
10	64QAM	25	25	21.08	21.07	20.98		
10	64QAM	50	0	21.04	21.23	21.20		
10	256QAM	1	0	19.01	19.17	18.93	20.5	5
10	256QAM	1	25	18.83	18.98	18.90		
10	256QAM	1	49	18.93	18.92	18.71		
10	256QAM	25	0	19.13	19.12	18.99	20.5	5
10	256QAM	25	12	19.04	18.94	18.99		
10	256QAM	25	25	19.09	19.14	18.86		
10	256QAM	50	0	19.14	19.22	19.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.12	24.19	23.99	25.5	0
5	QPSK	1	12	24.15	24.16	24.04		
5	QPSK	1	24	24.01	24.05	23.98		
5	QPSK	12	0	23.37	23.44	23.30	24.5	1
5	QPSK	12	7	23.23	23.16	23.06		
5	QPSK	12	13	23.00	23.25	23.19		
5	QPSK	25	0	23.05	23.19	22.79		
5	16QAM	1	0	22.92	22.93	23.03	24.5	1
5	16QAM	1	12	22.83	22.84	22.78		
5	16QAM	1	24	22.91	22.93	22.89		
5	16QAM	12	0	22.06	22.02	22.01	23.5	2
5	16QAM	12	7	21.93	21.98	21.96		
5	16QAM	12	13	21.95	22.09	22.00		
5	16QAM	25	0	22.15	22.27	22.31		
5	64QAM	1	0	21.95	22.11	21.87	23.5	2
5	64QAM	1	12	21.93	22.00	21.88		
5	64QAM	1	24	21.80	22.05	21.63		
5	64QAM	12	0	20.93	21.16	21.13	22.5	3
5	64QAM	12	7	20.90	21.17	21.00		
5	64QAM	12	13	21.02	20.96	21.06		
5	64QAM	25	0	21.15	21.34	21.22		
5	256QAM	1	0	19.00	19.16	19.03	20.5	5
5	256QAM	1	12	18.86	18.99	18.84		
5	256QAM	1	24	18.93	18.80	18.81		
5	256QAM	12	0	19.12	19.15	19.09	20.5	5
5	256QAM	12	7	19.05	19.07	19.01		
5	256QAM	12	13	18.99	19.16	18.95		
5	256QAM	25	0	19.16	19.29	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.81	22.50	22.49	24	0
20	QPSK	1	49	22.60	22.67	22.64	22.58		
20	QPSK	1	99	22.57	22.57	22.61	22.53		
20	QPSK	50	0	21.76	21.97	21.81	21.79	23	1
20	QPSK	50	24	21.72	21.82	21.71	21.66		
20	QPSK	50	50	21.71	21.76	21.74	21.72		
20	QPSK	100	0	21.55	21.60	21.42	21.49		
20	16QAM	1	0	21.43	21.53	21.40	21.45	23	1
20	16QAM	1	49	21.34	21.32	21.35	21.42		
20	16QAM	1	99	21.36	21.58	21.46	21.45		
20	16QAM	50	0	20.54	20.63	20.63	20.62	22	2
20	16QAM	50	24	20.48	20.50	20.51	20.56		
20	16QAM	50	50	20.45	20.68	20.59	20.55		
20	16QAM	100	0	20.66	20.85	20.74	20.71		
20	64QAM	1	0	20.39	20.65	20.49	20.53	22	2
20	64QAM	1	49	20.37	20.57	20.36	20.39		
20	64QAM	1	99	20.33	20.75	20.33	20.29		
20	64QAM	50	0	19.47	19.74	19.73	19.72	21	3
20	64QAM	50	24	19.42	19.65	19.54	19.55		
20	64QAM	50	50	19.50	19.64	19.51	19.52		
20	64QAM	100	0	19.66	19.76	19.80	19.69		
20	256QAM	1	0	17.50	17.74	17.38	17.48	19	5
20	256QAM	1	49	17.51	17.57	17.48	17.51		
20	256QAM	1	99	17.36	17.51	17.40	17.39		
20	256QAM	50	0	17.56	17.69	17.63	17.56	19	5
20	256QAM	50	24	17.65	17.56	17.52	17.48		
20	256QAM	50	50	17.62	17.71	17.53	17.54		
20	256QAM	100	0	17.70	17.65	17.61	17.61		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.63	22.78	22.40	22.36	24	0
15	QPSK	1	37	22.51	22.57	22.50	22.55		
15	QPSK	1	74	22.54	22.46	22.49	22.36		
15	QPSK	36	0	21.60	21.79	21.68	21.64	23	1
15	QPSK	36	20	21.68	21.67	21.56	21.63		
15	QPSK	36	39	21.60	21.63	21.59	21.60		
15	QPSK	75	0	21.41	21.49	21.32	21.43		
15	16QAM	1	0	21.34	21.43	21.24	21.32	23	1
15	16QAM	1	37	21.16	21.19	21.20	21.36		
15	16QAM	1	74	21.28	21.47	21.34	21.29		
15	16QAM	36	0	20.47	20.45	20.54	20.45	22	2
15	16QAM	36	20	20.34	20.44	20.37	20.48		
15	16QAM	36	39	20.33	20.54	20.50	20.38		
15	16QAM	75	0	20.56	20.72	20.62	20.55		
15	64QAM	1	0	20.33	20.48	20.35	20.40	22	2
15	64QAM	1	37	20.22	20.50	20.26	20.31		
15	64QAM	1	74	20.30	20.68	20.23	20.28		
15	64QAM	36	0	19.45	19.58	19.62	19.67	21	3
15	64QAM	36	20	19.28	19.47	19.36	19.43		
15	64QAM	36	39	19.39	19.55	19.39	19.36		
15	64QAM	75	0	19.55	19.59	19.72	19.54		
15	256QAM	1	0	17.42	17.59	17.35	17.38	19	5
15	256QAM	1	37	17.40	17.54	17.34	17.40		
15	256QAM	1	74	17.24	17.36	17.23	17.33		
15	256QAM	36	0	17.48	17.64	17.58	17.51	19	5
15	256QAM	36	20	17.52	17.40	17.40	17.30		
15	256QAM	36	39	17.48	17.67	17.41	17.51		
15	256QAM	75	0	17.52	17.49	17.45	17.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.56	22.74	22.35	22.37	24	0
10	QPSK	1	25	22.44	22.63	22.57	22.52		
10	QPSK	1	49	22.42	22.52	22.45	22.41		
10	QPSK	25	0	21.73	21.83	21.75	21.72	23	1
10	QPSK	25	12	21.59	21.66	21.56	21.61		
10	QPSK	25	25	21.64	21.60	21.64	21.70		
10	QPSK	50	0	21.40	21.45	21.26	21.43		
10	16QAM	1	0	21.34	21.38	21.38	21.38	23	1
10	16QAM	1	25	21.17	21.16	21.17	21.27		
10	16QAM	1	49	21.22	21.43	21.42	21.32		
10	16QAM	25	0	20.50	20.59	20.55	20.46	22	2
10	16QAM	25	12	20.39	20.40	20.38	20.41		
10	16QAM	25	25	20.28	20.52	20.54	20.38		
10	16QAM	50	0	20.54	20.78	20.67	20.57		
10	64QAM	1	0	20.32	20.57	20.33	20.39	22	2
10	64QAM	1	25	20.35	20.42	20.28	20.36		
10	64QAM	1	49	20.20	20.64	20.19	20.14		
10	64QAM	25	0	19.41	19.69	19.56	19.63	21	3
10	64QAM	25	12	19.33	19.52	19.43	19.52		
10	64QAM	25	25	19.37	19.47	19.45	19.39		
10	64QAM	50	0	19.56	19.60	19.66	19.67		
10	256QAM	1	0	17.34	17.56	17.22	17.39	19	5
10	256QAM	1	25	17.37	17.47	17.31	17.46		
10	256QAM	1	49	17.27	17.33	17.36	17.27		
10	256QAM	25	0	17.54	17.55	17.60	17.50	19	5
10	256QAM	25	12	17.50	17.39	17.42	17.35		
10	256QAM	25	25	17.55	17.65	17.46	17.52		
10	256QAM	50	0	17.54	17.56	17.47	17.53		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.58	22.68	22.44	22.43	24	0
5	QPSK	1	12	22.58	22.64	22.51	22.47		
5	QPSK	1	24	22.42	22.53	22.59	22.42		
5	QPSK	12	0	21.64	21.79	21.66	21.67	23	1
5	QPSK	12	7	21.65	21.69	21.54	21.55		
5	QPSK	12	13	21.68	21.60	21.68	21.63		
5	QPSK	25	0	21.42	21.52	21.34	21.37		
5	16QAM	1	0	21.26	21.48	21.23	21.36	23	1
5	16QAM	1	12	21.22	21.17	21.26	21.40		
5	16QAM	1	24	21.26	21.48	21.32	21.28		
5	16QAM	12	0	20.46	20.54	20.51	20.48	22	2
5	16QAM	12	7	20.42	20.45	20.40	20.51		
5	16QAM	12	13	20.33	20.62	20.41	20.42		
5	16QAM	25	0	20.60	20.75	20.68	20.69		
5	64QAM	1	0	20.26	20.59	20.36	20.47	22	2
5	64QAM	1	12	20.26	20.51	20.31	20.25		
5	64QAM	1	24	20.28	20.62	20.18	20.36		
5	64QAM	12	0	19.31	19.65	19.57	19.68	21	3
5	64QAM	12	7	19.25	19.53	19.38	19.42		
5	64QAM	12	13	19.48	19.57	19.34	19.39		
5	64QAM	25	0	19.53	19.62	19.77	19.62		
5	256QAM	1	0	17.40	17.65	17.23	17.37	19	5
5	256QAM	1	12	17.44	17.42	17.32	17.42		
5	256QAM	1	24	17.29	17.40	17.27	17.28		
5	256QAM	12	0	17.41	17.56	17.56	17.50	19	5
5	256QAM	12	7	17.60	17.52	17.45	17.41		
5	256QAM	12	13	17.47	17.63	17.37	17.46		
5	256QAM	25	0	17.67	17.55	17.56	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.76	23.80	23.67	25	0
20	QPSK	1	49	23.54	23.67	23.62		
20	QPSK	1	99	23.61	23.60	23.61		
20	QPSK	50	0	22.86	22.96	22.76	24	1
20	QPSK	50	24	22.73	22.77	22.75		
20	QPSK	50	50	22.68	22.86	22.75		
20	QPSK	100	0	22.57	22.58	22.48		
20	16QAM	1	0	22.50	22.55	22.45	24	1
20	16QAM	1	49	22.37	22.31	22.37		
20	16QAM	1	99	22.34	22.51	22.40		
20	16QAM	50	0	21.54	21.62	21.58	23	2
20	16QAM	50	24	21.48	21.56	21.53		
20	16QAM	50	50	21.46	21.62	21.66		
20	16QAM	100	0	21.72	21.90	21.78		
20	64QAM	1	0	21.40	21.60	21.52	23	2
20	64QAM	1	49	21.40	21.62	21.41		
20	64QAM	1	99	21.33	21.72	21.27		
20	64QAM	50	0	20.49	20.79	20.71	22	3
20	64QAM	50	24	20.51	20.60	20.54		
20	64QAM	50	50	20.54	20.64	20.51		
20	64QAM	100	0	20.65	20.79	20.77		
20	256QAM	1	0	18.55	18.64	18.46	20	5
20	256QAM	1	49	18.43	18.60	18.42		
20	256QAM	1	99	18.43	18.43	18.40		
20	256QAM	50	0	18.69	18.61	18.58	20	5
20	256QAM	50	24	18.63	18.58	18.48		
20	256QAM	50	50	18.56	18.74	18.50		
20	256QAM	100	0	18.62	18.76	18.66		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.72	23.75	23.54	25	0
15	QPSK	1	37	23.47	23.49	23.48		
15	QPSK	1	74	23.51	23.46	23.48		
15	QPSK	36	0	22.68	22.85	22.68	24	1
15	QPSK	36	20	22.56	22.74	22.60		
15	QPSK	36	39	22.61	22.83	22.67		
15	QPSK	75	0	22.47	22.43	22.31		
15	16QAM	1	0	22.41	22.39	22.30	24	1
15	16QAM	1	37	22.24	22.18	22.32		
15	16QAM	1	74	22.25	22.49	22.31		
15	16QAM	36	0	21.45	21.59	21.42	23	2
15	16QAM	36	20	21.40	21.41	21.44		
15	16QAM	36	39	21.42	21.56	21.58		
15	16QAM	75	0	21.66	21.75	21.72		
15	64QAM	1	0	21.26	21.52	21.48	23	2
15	64QAM	1	37	21.35	21.58	21.33		
15	64QAM	1	74	21.23	21.61	21.16		
15	64QAM	36	0	20.43	20.76	20.66	22	3
15	64QAM	36	20	20.41	20.54	20.36		
15	64QAM	36	39	20.50	20.56	20.43		
15	64QAM	75	0	20.53	20.66	20.72		
15	256QAM	1	0	18.48	18.47	18.39	20	5
15	256QAM	1	37	18.35	18.53	18.34		
15	256QAM	1	74	18.38	18.30	18.35		
15	256QAM	36	0	18.58	18.49	18.49	20	5
15	256QAM	36	20	18.50	18.42	18.37		
15	256QAM	36	39	18.39	18.69	18.44		
15	256QAM	75	0	18.46	18.64	18.52		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.68	23.63	23.55	25	0
10	QPSK	1	25	23.45	23.54	23.54		
10	QPSK	1	49	23.49	23.44	23.44		
10	QPSK	25	0	22.76	22.86	22.63	24	1
10	QPSK	25	12	22.62	22.69	22.60		
10	QPSK	25	25	22.64	22.81	22.64		
10	QPSK	50	0	22.46	22.43	22.39		
10	16QAM	1	0	22.33	22.47	22.43	24	1
10	16QAM	1	25	22.29	22.20	22.20		
10	16QAM	1	49	22.24	22.41	22.34		
10	16QAM	25	0	21.40	21.51	21.56	23	2
10	16QAM	25	12	21.44	21.45	21.37		
10	16QAM	25	25	21.41	21.51	21.50		
10	16QAM	50	0	21.68	21.81	21.64		
10	64QAM	1	0	21.36	21.45	21.42	23	2
10	64QAM	1	25	21.25	21.50	21.31		
10	64QAM	1	49	21.26	21.63	21.24		
10	64QAM	25	0	20.46	20.61	20.58	22	3
10	64QAM	25	12	20.34	20.42	20.43		
10	64QAM	25	25	20.52	20.55	20.39		
10	64QAM	50	0	20.62	20.63	20.69		
10	256QAM	1	0	18.44	18.48	18.30	20	5
10	256QAM	1	25	18.28	18.51	18.26		
10	256QAM	1	49	18.41	18.36	18.30		
10	256QAM	25	0	18.59	18.49	18.48	20	5
10	256QAM	25	12	18.58	18.45	18.34		
10	256QAM	25	25	18.42	18.66	18.40		
10	256QAM	50	0	18.54	18.73	18.55		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.66	23.77	23.51	25	0
5	QPSK	1	12	23.38	23.59	23.59		
5	QPSK	1	24	23.50	23.52	23.58		
5	QPSK	12	0	22.79	22.81	22.59	24	1
5	QPSK	12	7	22.61	22.62	22.69		
5	QPSK	12	13	22.61	22.74	22.73		
5	QPSK	25	0	22.46	22.45	22.31		
5	16QAM	1	0	22.41	22.38	22.40	24	1
5	16QAM	1	12	22.31	22.26	22.29		
5	16QAM	1	24	22.31	22.48	22.31		
5	16QAM	12	0	21.50	21.58	21.56	23	2
5	16QAM	12	7	21.35	21.42	21.37		
5	16QAM	12	13	21.43	21.51	21.56		
5	16QAM	25	0	21.65	21.84	21.68		
5	64QAM	1	0	21.26	21.53	21.37	23	2
5	64QAM	1	12	21.28	21.48	21.33		
5	64QAM	1	24	21.29	21.67	21.38		
5	64QAM	12	0	20.36	20.69	20.65	22	3
5	64QAM	12	7	20.44	20.43	20.45		
5	64QAM	12	13	20.49	20.55	20.41		
5	64QAM	25	0	20.48	20.72	20.66		
5	256QAM	1	0	18.45	18.62	18.30	20	5
5	256QAM	1	12	18.36	18.54	18.32		
5	256QAM	1	24	18.33	18.29	18.29		
5	256QAM	12	0	18.55	18.50	18.51	20	5
5	256QAM	12	7	18.56	18.54	18.44		
5	256QAM	12	13	18.54	18.69	18.36		
5	256QAM	25	0	18.49	18.71	18.54		

Band 48 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.21	22.36	22.20	22.28	23.5	0
20	QPSK	1	49	22.13	22.25	22.16	22.15		
20	QPSK	1	99	22.14	22.11	22.09	22.14		
20	QPSK	50	0	21.40	21.52	21.41	21.36	22.5	1
20	QPSK	50	24	21.22	21.31	21.21	21.23		
20	QPSK	50	50	21.27	21.44	21.29	21.38		
20	QPSK	100	0	21.12	21.15	20.95	20.96		
20	16QAM	1	0	21.00	21.06	21.02	20.97	22.5	1
20	16QAM	1	49	20.89	20.89	20.91	20.94		
20	16QAM	1	99	20.98	21.13	21.04	21.00		
20	16QAM	50	0	20.14	20.18	20.14	20.16	21.5	2
20	16QAM	50	24	20.01	20.01	20.05	20.09		
20	16QAM	50	50	20.03	20.22	20.12	20.19		
20	16QAM	100	0	20.19	20.48	20.29	20.28		
20	64QAM	1	0	19.97	20.20	20.04	20.08	21.5	2
20	64QAM	1	49	19.90	20.16	19.98	19.95		
20	64QAM	1	99	19.87	20.25	19.85	19.88		
20	64QAM	50	0	19.04	19.33	19.29	19.32	20.5	3
20	64QAM	50	24	18.96	19.22	19.09	19.05		
20	64QAM	50	50	19.04	19.13	19.08	19.10		
20	64QAM	100	0	19.14	19.32	19.28	19.25		
20	256QAM	1	0	17.07	17.20	16.96	16.97	18.5	5
20	256QAM	1	49	17.00	17.14	17.04	17.07		
20	256QAM	1	99	16.95	16.99	16.95	16.89		
20	256QAM	50	0	17.18	17.18	17.16	17.13	18.5	5
20	256QAM	50	24	17.13	17.15	17.11	17.11		
20	256QAM	50	50	17.12	17.26	17.10	17.00		
20	256QAM	100	0	17.22	17.27	17.11	17.14		
Channel				55315	55820	56160	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.08	22.24	22.14	22.11	23.5	0
15	QPSK	1	37	21.97	22.16	22.08	22.01		
15	QPSK	1	74	22.12	21.96	22.06	22.00		
15	QPSK	36	0	21.25	21.40	21.34	21.25	22.5	1
15	QPSK	36	20	21.06	21.17	21.10	21.13		
15	QPSK	36	39	21.17	21.35	21.26	21.32		
15	QPSK	75	0	20.98	21.06	20.80	20.86	22.5	1
15	16QAM	1	0	20.91	21.03	20.86	20.87		
15	16QAM	1	37	20.83	20.81	20.74	20.86		
15	16QAM	1	74	20.93	20.98	20.94	20.98		
15	16QAM	36	0	20.00	20.06	19.97	20.03	21.5	2
15	16QAM	36	20	19.98	19.90	19.93	19.92		
15	16QAM	36	39	19.91	20.05	19.97	20.05		
15	16QAM	75	0	20.13	20.38	20.26	20.13		
15	64QAM	1	0	19.81	20.14	19.90	20.03	21.5	2
15	64QAM	1	37	19.79	19.99	19.82	19.79		
15	64QAM	1	74	19.75	20.15	19.75	19.71		
15	64QAM	36	0	18.96	19.16	19.25	19.19	20.5	3
15	64QAM	36	20	18.91	19.12	18.93	18.99		
15	64QAM	36	39	18.93	18.96	19.01	19.00		
15	64QAM	75	0	19.11	19.14	19.12	19.12		
15	256QAM	1	0	16.96	17.17	16.85	16.83	18.5	5
15	256QAM	1	37	16.97	16.99	16.96	17.01		
15	256QAM	1	74	16.80	16.91	16.89	16.72		
15	256QAM	36	0	17.07	17.09	17.04	17.05	18.5	5
15	256QAM	36	20	17.05	17.06	17.09	16.97		
15	256QAM	36	39	16.98	17.08	17.06	16.89		
15	256QAM	75	0	17.20	17.20	16.96	17.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.13	22.33	22.10	22.19	23.5	0
10	QPSK	1	25	22.06	22.11	22.09	22.08		
10	QPSK	1	49	22.02	22.08	22.04	22.09		
10	QPSK	25	0	21.22	21.35	21.26	21.22	22.5	1
10	QPSK	25	12	21.06	21.29	21.08	21.08		
10	QPSK	25	25	21.16	21.38	21.17	21.33		
10	QPSK	50	0	21.02	20.98	20.85	20.94		
10	16QAM	1	0	20.87	20.92	20.98	20.82	22.5	1
10	16QAM	1	25	20.77	20.78	20.74	20.77		
10	16QAM	1	49	20.85	20.99	20.94	20.88		
10	16QAM	25	0	19.98	20.09	20.02	20.09	21.5	2
10	16QAM	25	12	19.96	19.89	19.95	20.05		
10	16QAM	25	25	19.92	20.05	19.95	20.13		
10	16QAM	50	0	20.13	20.39	20.13	20.11		
10	64QAM	1	0	19.84	20.10	19.88	20.05	21.5	2
10	64QAM	1	25	19.78	20.12	19.82	19.89		
10	64QAM	1	49	19.69	20.12	19.75	19.71		
10	64QAM	25	0	18.95	19.18	19.14	19.30	20.5	3
10	64QAM	25	12	18.94	19.08	19.00	18.94		
10	64QAM	25	25	18.99	19.05	18.90	19.05		
10	64QAM	50	0	19.03	19.14	19.18	19.11		
10	256QAM	1	0	16.98	17.10	16.82	16.91	18.5	5
10	256QAM	1	25	16.88	16.99	16.88	16.94		
10	256QAM	1	49	16.77	16.95	16.78	16.80		
10	256QAM	25	0	17.10	17.13	16.98	17.10	18.5	5
10	256QAM	25	12	17.03	17.08	17.03	17.04		
10	256QAM	25	25	16.99	17.12	17.06	16.97		
10	256QAM	50	0	17.10	17.21	16.96	17.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.18	22.29	22.04	22.24	23.5	0
5	QPSK	1	12	22.00	22.12	22.01	22.01		
5	QPSK	1	24	22.09	22.01	21.96	22.03		
5	QPSK	12	0	21.25	21.45	21.32	21.22	22.5	1
5	QPSK	12	7	21.11	21.27	21.04	21.17		
5	QPSK	12	13	21.19	21.27	21.15	21.35		
5	QPSK	25	0	20.98	21.11	20.78	20.85	22.5	1
5	16QAM	1	0	20.82	20.91	20.96	20.90		
5	16QAM	1	12	20.75	20.82	20.82	20.89		
5	16QAM	1	24	20.85	21.05	20.94	20.95		
5	16QAM	12	0	20.11	20.15	20.05	20.01	21.5	2
5	16QAM	12	7	19.83	19.98	19.97	19.98		
5	16QAM	12	13	19.96	20.18	19.99	20.14		
5	16QAM	25	0	20.04	20.40	20.20	20.11		
5	64QAM	1	0	19.89	20.15	19.88	20.04	21.5	2
5	64QAM	1	12	19.82	20.05	19.81	19.91		
5	64QAM	1	24	19.80	20.07	19.79	19.79		
5	64QAM	12	0	18.89	19.29	19.20	19.28	20.5	3
5	64QAM	12	7	18.98	19.16	19.00	18.98		
5	64QAM	12	13	18.99	18.95	18.90	19.06		
5	64QAM	25	0	19.09	19.16	19.20	19.10		
5	256QAM	1	0	16.89	17.02	16.79	16.91	18.5	5
5	256QAM	1	12	16.90	17.10	16.90	16.95		
5	256QAM	1	24	16.88	16.93	16.80	16.76		
5	256QAM	12	0	17.07	17.15	17.07	16.97	18.5	5
5	256QAM	12	7	16.97	17.11	16.94	17.03		
5	256QAM	12	13	16.98	17.15	17.00	16.86		
5	256QAM	25	0	17.15	17.19	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.62	23.67	23.57	25	0
20	QPSK	1	49	23.50	23.58	23.47		
20	QPSK	1	99	23.53	23.46	23.46		
20	QPSK	50	0	22.75	22.87	22.75	24	1
20	QPSK	50	24	22.60	22.63	22.57		
20	QPSK	50	50	22.60	22.69	22.62		
20	QPSK	100	0	22.39	22.51	22.39		
20	16QAM	1	0	22.31	22.49	22.39	24	1
20	16QAM	1	49	22.24	22.20	22.30		
20	16QAM	1	99	22.25	22.44	22.36		
20	16QAM	50	0	21.49	21.53	21.46	23	2
20	16QAM	50	24	21.32	21.39	21.38		
20	16QAM	50	50	21.39	21.55	21.52		
20	16QAM	100	0	21.57	21.83	21.69		
20	64QAM	1	0	21.33	21.49	21.37	23	2
20	64QAM	1	49	21.26	21.53	21.32		
20	64QAM	1	99	21.23	21.59	21.13		
20	64QAM	50	0	20.35	20.62	20.67	22	3
20	64QAM	50	24	20.37	20.56	20.37		
20	64QAM	50	50	20.44	20.53	20.42		
20	64QAM	100	0	20.46	20.71	20.60		
20	256QAM	1	0	18.39	18.55	18.37	20	5
20	256QAM	1	49	18.39	18.45	18.40		
20	256QAM	1	99	18.34	18.35	18.30		
20	256QAM	50	0	18.54	18.52	18.50	20	5
20	256QAM	50	24	18.48	18.46	18.44		
20	256QAM	50	50	18.51	18.62	18.41		
20	256QAM	100	0	18.55	18.56	18.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.46	23.65	23.46	25	0
15	QPSK	1	37	23.46	23.54	23.39		
15	QPSK	1	74	23.42	23.41	23.31		
15	QPSK	36	0	22.63	22.72	22.65	24	1
15	QPSK	36	20	22.55	22.56	22.53		
15	QPSK	36	39	22.44	22.66	22.58		
15	QPSK	75	0	22.26	22.47	22.24		
15	16QAM	1	0	22.28	22.37	22.26	24	1
15	16QAM	1	37	22.11	22.10	22.28		
15	16QAM	1	74	22.15	22.28	22.22		
15	16QAM	36	0	21.35	21.40	21.37	23	2
15	16QAM	36	20	21.14	21.25	21.25		
15	16QAM	36	39	21.23	21.39	21.40		
15	16QAM	75	0	21.52	21.67	21.67		
15	64QAM	1	0	21.24	21.42	21.23	23	2
15	64QAM	1	37	21.23	21.48	21.16		
15	64QAM	1	74	21.15	21.56	21.18		
15	64QAM	36	0	20.29	20.51	20.58	22	3
15	64QAM	36	20	20.27	20.49	20.30		
15	64QAM	36	39	20.39	20.45	20.33		
15	64QAM	75	0	20.32	20.56	20.43		
15	256QAM	1	0	18.27	18.47	18.27	20	5
15	256QAM	1	37	18.33	18.29	18.28		
15	256QAM	1	74	18.28	18.22	18.27		
15	256QAM	36	0	18.38	18.36	18.46	20	5
15	256QAM	36	20	18.43	18.28	18.30		
15	256QAM	36	39	18.46	18.57	18.32		
15	256QAM	75	0	18.52	18.53	18.35		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.53	23.54	23.44	25	0
10	QPSK	1	25	23.44	23.56	23.42		
10	QPSK	1	49	23.51	23.32	23.36		
10	QPSK	25	0	22.64	22.72	22.65	24	1
10	QPSK	25	12	22.45	22.50	22.44		
10	QPSK	25	25	22.54	22.53	22.59		
10	QPSK	50	0	22.25	22.47	22.25		
10	16QAM	1	0	22.28	22.36	22.26	24	1
10	16QAM	1	25	22.13	22.17	22.25		
10	16QAM	1	49	22.10	22.36	22.21		
10	16QAM	25	0	21.47	21.43	21.29	23	2
10	16QAM	25	12	21.20	21.28	21.30		
10	16QAM	25	25	21.28	21.40	21.41		
10	16QAM	50	0	21.46	21.69	21.58		
10	64QAM	1	0	21.18	21.32	21.34	23	2
10	64QAM	1	25	21.24	21.50	21.14		
10	64QAM	1	49	21.20	21.57	21.07		
10	64QAM	25	0	20.32	20.52	20.57	22	3
10	64QAM	25	12	20.32	20.39	20.22		
10	64QAM	25	25	20.30	20.36	20.39		
10	64QAM	50	0	20.29	20.57	20.49		
10	256QAM	1	0	18.28	18.44	18.20	20	5
10	256QAM	1	25	18.33	18.41	18.34		
10	256QAM	1	49	18.25	18.21	18.24		
10	256QAM	25	0	18.49	18.47	18.35	20	5
10	256QAM	25	12	18.33	18.33	18.38		
10	256QAM	25	25	18.34	18.59	18.31		
10	256QAM	50	0	18.49	18.38	18.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.58	23.62	23.54	25	0
5	QPSK	1	12	23.35	23.46	23.37		
5	QPSK	1	24	23.45	23.41	23.43		
5	QPSK	12	0	22.63	22.76	22.68	24	1
5	QPSK	12	7	22.53	22.60	22.43		
5	QPSK	12	13	22.48	22.52	22.56		
5	QPSK	25	0	22.26	22.45	22.25		
5	16QAM	1	0	22.17	22.39	22.37	24	1
5	16QAM	1	12	22.17	22.12	22.22		
5	16QAM	1	24	22.10	22.34	22.29		
5	16QAM	12	0	21.35	21.42	21.38	23	2
5	16QAM	12	7	21.18	21.33	21.29		
5	16QAM	12	13	21.35	21.52	21.37		
5	16QAM	25	0	21.41	21.81	21.52		
5	64QAM	1	0	21.20	21.43	21.29	23	2
5	64QAM	1	12	21.23	21.43	21.18		
5	64QAM	1	24	21.06	21.47	21.06		
5	64QAM	12	0	20.28	20.53	20.58	22	3
5	64QAM	12	7	20.29	20.41	20.29		
5	64QAM	12	13	20.26	20.36	20.34		
5	64QAM	25	0	20.40	20.54	20.47		
5	256QAM	1	0	18.30	18.50	18.31	20	5
5	256QAM	1	12	18.24	18.35	18.32		
5	256QAM	1	24	18.31	18.20	18.19		
5	256QAM	12	0	18.50	18.42	18.46	20	5
5	256QAM	12	7	18.41	18.35	18.30		
5	256QAM	12	13	18.45	18.49	18.27		
5	256QAM	25	0	18.47	18.43	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.18	22.28	22.16	22.12	23.5	0
20	QPSK	1	49	22.09	22.15	22.13	22.09		
20	QPSK	1	99	22.06	22.01	22.04	22.06		
20	QPSK	50	0	21.30	21.49	21.34	21.28	22.5	1
20	QPSK	50	24	21.21	21.31	21.22	21.16		
20	QPSK	50	50	21.12	21.35	21.28	21.27		
20	QPSK	100	0	21.04	21.12	20.97	20.92		
20	16QAM	1	0	20.95	21.06	21.00	20.90	22.5	1
20	16QAM	1	49	20.87	20.88	20.88	20.86		
20	16QAM	1	99	20.83	21.00	20.97	20.92		
20	16QAM	50	0	20.08	20.10	20.08	20.06	21.5	2
20	16QAM	50	24	19.99	20.00	20.03	20.05		
20	16QAM	50	50	19.98	20.09	20.12	20.02		
20	16QAM	100	0	20.15	20.37	20.24	20.26		
20	64QAM	1	0	19.95	20.13	20.00	19.97	21.5	2
20	64QAM	1	49	19.87	20.05	19.88	19.89		
20	64QAM	1	99	19.87	20.14	19.75	19.72		
20	64QAM	50	0	18.97	19.21	19.19	19.26	20.5	3
20	64QAM	50	24	18.91	19.17	19.05	19.02		
20	64QAM	50	50	19.07	19.12	19.10	19.10		
20	64QAM	100	0	19.08	19.29	19.18	19.24		
20	256QAM	1	0	16.99	17.14	16.94	16.88	18.5	5
20	256QAM	1	49	16.93	17.07	16.96	17.00		
20	256QAM	1	99	16.95	16.90	16.91	16.92		
20	256QAM	50	0	17.05	17.08	17.06	17.03	18.5	5
20	256QAM	50	24	17.13	17.06	16.96	17.03		
20	256QAM	50	50	17.09	17.21	16.97	16.95		
20	256QAM	100	0	17.14	17.20	17.05	17.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.06	22.15	22.04	22.09	23.5	0
15	QPSK	1	37	22.03	22.01	22.09	22.05		
15	QPSK	1	74	22.03	21.88	21.98	21.98		
15	QPSK	36	0	21.22	21.41	21.24	21.17	22.5	1
15	QPSK	36	20	21.12	21.26	21.14	21.08		
15	QPSK	36	39	20.96	21.31	21.11	21.24		
15	QPSK	75	0	20.92	20.99	20.87	20.77	22.5	1
15	16QAM	1	0	20.93	20.90	20.86	20.83		
15	16QAM	1	37	20.82	20.73	20.71	20.69		
15	16QAM	1	74	20.70	20.87	20.93	20.80		
15	16QAM	36	0	20.04	19.95	20.05	20.01	21.5	2
15	16QAM	36	20	19.82	19.91	19.85	19.97		
15	16QAM	36	39	19.87	20.00	20.03	19.94		
15	16QAM	75	0	20.09	20.19	20.09	20.09		
15	64QAM	1	0	19.90	19.98	19.92	19.89	21.5	2
15	64QAM	1	37	19.75	20.02	19.84	19.78		
15	64QAM	1	74	19.73	20.00	19.58	19.54		
15	64QAM	36	0	18.87	19.11	19.04	19.08	20.5	3
15	64QAM	36	20	18.80	19.12	18.88	18.87		
15	64QAM	36	39	18.91	18.96	18.97	18.94		
15	64QAM	75	0	19.06	19.23	19.11	19.16		
15	256QAM	1	0	16.94	17.07	16.91	16.76	18.5	5
15	256QAM	1	37	16.85	17.03	16.89	16.93		
15	256QAM	1	74	16.83	16.88	16.88	16.74		
15	256QAM	36	0	16.91	16.95	16.90	16.94	18.5	5
15	256QAM	36	20	16.97	17.01	16.78	17.00		
15	256QAM	36	39	16.95	17.05	16.83	16.85		
15	256QAM	75	0	16.96	17.05	16.91	16.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	22.18	22.04	22.04	23.5	0
10	QPSK	1	25	22.01	22.09	21.97	21.92		
10	QPSK	1	49	21.99	21.97	21.97	22.03		
10	QPSK	25	0	21.21	21.42	21.24	21.22	22.5	1
10	QPSK	25	12	21.14	21.27	21.13	21.12		
10	QPSK	25	25	20.99	21.19	21.14	21.25		
10	QPSK	50	0	21.02	20.99	20.79	20.78	22.5	1
10	16QAM	1	0	20.85	21.02	20.86	20.72		
10	16QAM	1	25	20.70	20.80	20.70	20.77		
10	16QAM	1	49	20.69	20.84	20.94	20.88		
10	16QAM	25	0	19.99	19.93	20.02	19.92	21.5	2
10	16QAM	25	12	19.86	19.88	19.86	19.90		
10	16QAM	25	25	19.96	19.93	19.97	19.92		
10	16QAM	50	0	20.05	20.28	20.12	20.21		
10	64QAM	1	0	19.92	19.97	19.96	19.85	21.5	2
10	64QAM	1	25	19.79	19.94	19.78	19.84		
10	64QAM	1	49	19.78	19.96	19.61	19.59		
10	64QAM	25	0	18.83	19.04	19.09	19.20	20.5	3
10	64QAM	25	12	18.78	19.09	18.91	19.00		
10	64QAM	25	25	18.95	19.08	19.01	19.04		
10	64QAM	50	0	18.97	19.27	19.04	19.20		
10	256QAM	1	0	16.86	17.12	16.92	16.72	18.5	5
10	256QAM	1	25	16.87	16.94	16.90	16.93		
10	256QAM	1	49	16.79	16.80	16.84	16.74		
10	256QAM	25	0	16.97	17.02	16.92	16.90	18.5	5
10	256QAM	25	12	17.06	17.01	16.88	16.95		
10	256QAM	25	25	17.02	17.17	16.89	16.78		
10	256QAM	50	0	16.99	17.13	17.00	16.98		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.10	22.17	22.14	22.07	23.5	0
5	QPSK	1	12	22.04	21.99	22.01	22.03		
5	QPSK	1	24	21.96	21.91	22.00	22.02		
5	QPSK	12	0	21.20	21.44	21.27	21.11	22.5	1
5	QPSK	12	7	21.14	21.27	21.08	21.02		
5	QPSK	12	13	20.98	21.18	21.25	21.22		
5	QPSK	25	0	20.96	21.10	20.95	20.89	22.5	1
5	16QAM	1	0	20.84	20.99	20.97	20.73		
5	16QAM	1	12	20.84	20.84	20.85	20.80		
5	16QAM	1	24	20.80	20.90	20.81	20.75		
5	16QAM	12	0	19.91	19.97	19.94	19.99	21.5	2
5	16QAM	12	7	19.88	19.85	19.92	20.01		
5	16QAM	12	13	19.85	19.97	20.02	19.94		
5	16QAM	25	0	20.12	20.29	20.10	20.22		
5	64QAM	1	0	19.84	20.03	19.89	19.90	21.5	2
5	64QAM	1	12	19.70	19.90	19.89	19.98		
5	64QAM	1	24	19.84	20.08	19.79	19.70		
5	64QAM	12	0	18.79	19.18	19.06	19.21	20.5	3
5	64QAM	12	7	18.87	19.14	18.93	18.85		
5	64QAM	12	13	18.95	19.03	19.06	18.99		
5	64QAM	25	0	18.94	19.24	19.14	19.11		
5	256QAM	1	0	16.91	17.02	16.88	16.71	18.5	5
5	256QAM	1	12	16.85	16.92	16.81	16.85		
5	256QAM	1	24	16.84	16.79	16.73	16.80		
5	256QAM	12	0	16.93	16.99	17.04	16.98	18.5	5
5	256QAM	12	7	17.07	16.90	16.80	16.90		
5	256QAM	12	13	17.03	17.18	16.82	16.86		
5	256QAM	25	0	17.05	17.16	16.95	16.96		

Reduced Power Mode for Main PA ECI 1

GSM850 ECI1

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.76	32.86	34.00	23.79	23.75	23.85	25.00
GPRS 1 Tx slot	32.85	32.88	32.89	34.00	23.85	23.88	23.89	25.00
GPRS 2 Tx slots	29.95	30.02	30.01	31.00	23.95	24.02	24.01	25.00
GPRS 3 Tx slots	26.15	26.27	26.25	29.20	23.89	24.01	23.99	24.94
GPRS 4 Tx slots	26.63	26.84	26.83	28.00	23.63	23.84	23.83	25.00
EDGE 1 Tx slot	26.66	26.72	26.61	28.00	17.66	17.72	17.61	19.00
EDGE 2 Tx slots	23.67	23.78	23.71	25.00	17.67	17.78	17.71	19.00
EDGE 3 Tx slots	21.28	21.56	21.26	23.20	17.02	17.30	17.00	18.94
EDGE 4 Tx slots	20.35	20.55	20.27	22.00	17.35	17.55	17.27	19.00

WCDMA V ECI1

Band									WCDMA V			
TX Channel									4132	4182	4233	Tune-up Limit (dBm)
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.06	24.15	24.15	25.00
3GPP Rel 99	RMC 12.2Kbps								24.12	24.26	24.12	25.00
3GPP Rel 6	HSDPA Subtest-1								23.15	23.27	23.27	24.00
3GPP Rel 6	HSDPA Subtest-2								23.18	23.15	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3								22.65	22.70	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4								22.64	22.70	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-1								23.12	23.22	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2								23.09	23.10	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3								22.50	22.77	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4								22.46	22.63	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1								23.00	23.08	23.14	24.00
3GPP Rel 6	HSUPA Subtest-2								21.19	21.17	21.18	22.00
3GPP Rel 6	HSUPA Subtest-3								22.27	22.35	22.26	23.00
3GPP Rel 6	HSUPA Subtest-4								21.10	21.18	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5								23.00	23.22	23.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.68	20.82	20.74	21.50

Band 5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.04	25.10	24.88		
10	QPSK	1	25	24.91	24.96	24.92	25.7	0
10	QPSK	1	49	24.89	24.89	24.90		
10	QPSK	25	0	24.18	24.24	24.19		
10	QPSK	25	12	23.99	24.16	24.03	24.7	1
10	QPSK	25	25	24.05	24.12	24.08		
10	QPSK	50	0	23.91	23.94	23.90		
10	16QAM	1	0	23.87	23.87	23.85		
10	16QAM	1	25	23.69	23.64	23.74	24.7	1
10	16QAM	1	49	23.75	23.92	23.73		
10	16QAM	25	0	22.86	22.89	22.99		
10	16QAM	25	12	22.82	22.81	22.90	23.7	2
10	16QAM	25	25	22.87	22.92	22.91		
10	16QAM	50	0	22.95	23.26	23.09		
10	64QAM	1	0	22.82	22.96	22.82		
10	64QAM	1	25	22.76	22.86	22.75	23.7	2
10	64QAM	1	49	22.67	22.99	22.68		
10	64QAM	25	0	21.82	22.12	22.05		
10	64QAM	25	12	21.83	22.04	21.89	22.7	3
10	64QAM	25	25	21.83	21.93	21.85		
10	64QAM	50	0	21.99	22.10	22.13		
10	256QAM	1	0	19.81	20.04	19.74		
10	256QAM	1	25	19.81	19.92	19.81	20.7	5
10	256QAM	1	49	19.79	19.74	19.71		
10	256QAM	25	0	20.02	19.92	19.93		
10	256QAM	25	12	19.93	19.99	19.81	20.7	5
10	256QAM	25	25	19.72	20.02	19.88		
10	256QAM	50	0	20.04	19.99	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.94	24.94	24.81		
5	QPSK	1	12	24.88	24.88	24.82	25.7	0
5	QPSK	1	24	24.78	24.85	24.77		
5	QPSK	12	0	24.01	24.17	24.05		
5	QPSK	12	7	23.89	24.05	23.90	24.7	1
5	QPSK	12	13	23.89	23.96	23.98		
5	QPSK	25	0	23.86	23.91	23.73		
5	16QAM	1	0	23.69	23.71	23.83		
5	16QAM	1	12	23.54	23.54	23.61	24.7	1
5	16QAM	1	24	23.68	23.81	23.57		
5	16QAM	12	0	22.82	22.79	22.86		
5	16QAM	12	7	22.67	22.75	22.79	23.7	2
5	16QAM	12	13	22.85	22.87	22.83		
5	16QAM	25	0	22.81	23.19	23.07		
5	64QAM	1	0	22.78	22.87	22.68		
5	64QAM	1	12	22.61	22.82	22.71	23.7	2
5	64QAM	1	24	22.64	22.95	22.60		
5	64QAM	12	0	21.76	22.00	21.93		
5	64QAM	12	7	21.76	21.93	21.79	22.7	3
5	64QAM	12	13	21.70	21.78	21.76		
5	64QAM	25	0	21.86	21.99	22.00		
5	256QAM	1	0	19.67	19.89	19.61		
5	256QAM	1	12	19.71	19.79	19.56	20.7	5
5	256QAM	1	24	19.62	19.58	19.69		
5	256QAM	12	0	19.93	19.88	19.83		
5	256QAM	12	7	19.90	19.90	19.70	20.7	5
5	256QAM	12	13	19.67	19.89	19.71		
5	256QAM	25	0	19.87	19.93	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.93	25.06	24.85		
3	QPSK	1	8	24.85	24.94	24.84	25.7	0
3	QPSK	1	14	24.73	24.73	24.81		
3	QPSK	8	0	24.07	24.07	24.09		
3	QPSK	8	4	23.92	23.98	23.94	24.7	1
3	QPSK	8	7	23.91	24.03	23.97		
3	QPSK	15	0	23.76	23.79	23.76		
3	16QAM	1	0	23.78	23.78	23.70		
3	16QAM	1	8	23.56	23.60	23.57	24.7	1
3	16QAM	1	14	23.66	23.76	23.62		
3	16QAM	8	0	22.80	22.73	22.91		
3	16QAM	8	4	22.64	22.71	22.84	23.7	2
3	16QAM	8	7	22.72	22.81	22.85		
3	16QAM	15	0	22.90	23.09	22.95		
3	64QAM	1	0	22.77	22.90	22.80		
3	64QAM	1	8	22.73	22.76	22.71	23.7	2
3	64QAM	1	14	22.63	22.86	22.54		
3	64QAM	8	0	21.75	22.03	22.02		
3	64QAM	8	4	21.76	21.87	21.82	22.7	3
3	64QAM	8	7	21.71	21.79	21.79		
3	64QAM	15	0	21.94	21.92	22.10		
3	256QAM	1	0	19.63	19.98	19.57		
3	256QAM	1	8	19.71	19.77	19.52	20.7	5
3	256QAM	1	14	19.64	19.66	19.66		
3	256QAM	8	0	19.98	19.87	19.88		
3	256QAM	8	4	19.88	19.89	19.71	20.7	5
3	256QAM	8	7	19.55	19.93	19.79		
3	256QAM	15	0	20.00	19.96	19.78		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.89	25.00	24.82		
1.4	QPSK	1	3	24.75	24.78	24.81		
1.4	QPSK	1	5	24.84	24.83	24.78	25.7	0
1.4	QPSK	3	0	24.98	24.98	24.75		
1.4	QPSK	3	1	24.88	24.78	24.78		
1.4	QPSK	3	3	24.76	24.85	24.79		
1.4	QPSK	6	0	24.15	24.19	24.05	24.7	1
1.4	16QAM	1	0	23.91	24.09	23.92		
1.4	16QAM	1	3	23.96	24.00	23.97		
1.4	16QAM	1	5	23.81	23.90	23.77	24.7	1
1.4	16QAM	3	0	23.73	23.80	23.74		
1.4	16QAM	3	1	23.54	23.46	23.58		
1.4	16QAM	3	3	23.62	23.76	23.60		
1.4	16QAM	6	0	22.75	22.77	22.84	23.7	2
1.4	64QAM	1	0	22.68	22.73	22.80		
1.4	64QAM	1	3	22.80	22.88	22.87		
1.4	64QAM	1	5	22.77	23.10	22.93	23.7	2
1.4	64QAM	3	0	22.74	22.92	22.70		
1.4	64QAM	3	1	22.65	22.79	22.70		
1.4	64QAM	3	3	22.58	22.86	22.59		
1.4	64QAM	6	0	21.76	22.03	21.88	22.7	3
1.4	256QAM	1	0	19.73	19.92	19.61		
1.4	256QAM	1	3	19.66	19.86	19.46		
1.4	256QAM	1	5	19.64	19.69	19.58	20.7	5
1.4	256QAM	3	0	19.86	19.90	19.82		
1.4	256QAM	3	1	19.80	19.96	19.68		
1.4	256QAM	3	3	19.57	19.86	19.84		
1.4	256QAM	6	0	19.95	19.82	19.90	20.7	5

Band 12 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.58	24.61	24.46		
10	QPSK	1	25	24.54	24.55	24.56	25.5	0
10	QPSK	1	49	24.52	24.49	24.45		
10	QPSK	25	0	23.66	23.86	23.67		
10	QPSK	25	12	23.57	23.62	23.64	24.5	1
10	QPSK	25	25	23.62	23.66	23.59		
10	QPSK	50	0	23.44	23.45	23.39		
10	16QAM	1	0	23.34	23.45	23.31		
10	16QAM	1	25	23.23	23.20	23.30	24.5	1
10	16QAM	1	49	23.25	23.37	23.28		
10	16QAM	25	0	22.44	22.49	22.44		
10	16QAM	25	12	22.35	22.40	22.41	23.5	2
10	16QAM	25	25	22.35	22.54	22.45		
10	16QAM	50	0	22.56	22.77	22.69		
10	64QAM	1	0	22.29	22.50	22.33		
10	64QAM	1	25	22.32	22.50	22.37	23.5	2
10	64QAM	1	49	22.17	22.60	22.24		
10	64QAM	25	0	21.41	21.62	21.68		
10	64QAM	25	12	21.40	21.53	21.48	22.5	3
10	64QAM	25	25	21.47	21.56	21.49		
10	64QAM	50	0	21.47	21.68	21.57		
10	256QAM	1	0	19.47	19.53	19.33		
10	256QAM	1	25	19.40	19.48	19.13	20.5	5
10	256QAM	1	49	19.33	19.39	19.29		
10	256QAM	25	0	19.48	19.48	19.50		
10	256QAM	25	12	19.52	19.51	19.40	20.5	5
10	256QAM	25	25	19.22	19.57	19.32		
10	256QAM	50	0	19.50	19.63	19.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.59	24.35		
5	QPSK	1	12	24.51	24.53	24.48	25.5	0
5	QPSK	1	24	24.45	24.31	24.37		
5	QPSK	12	0	23.63	23.79	23.62		
5	QPSK	12	7	23.46	23.60	23.52	24.5	1
5	QPSK	12	13	23.49	23.62	23.41		
5	QPSK	25	0	23.39	23.35	23.23		
5	16QAM	1	0	23.27	23.42	23.22		
5	16QAM	1	12	23.13	23.05	23.18	24.5	1
5	16QAM	1	24	23.16	23.21	23.23		
5	16QAM	12	0	22.33	22.34	22.35		
5	16QAM	12	7	22.32	22.22	22.26	23.5	2
5	16QAM	12	13	22.19	22.38	22.31		
5	16QAM	25	0	22.42	22.71	22.62		
5	64QAM	1	0	22.12	22.41	22.30		
5	64QAM	1	12	22.25	22.44	22.33	23.5	2
5	64QAM	1	24	22.07	22.44	22.11		
5	64QAM	12	0	21.37	21.58	21.57		
5	64QAM	12	7	21.29	21.48	21.38	22.5	3
5	64QAM	12	13	21.43	21.50	21.45		
5	64QAM	25	0	21.44	21.65	21.46		
5	256QAM	1	0	19.40	19.37	19.24		
5	256QAM	1	12	19.24	19.44	19.01	20.5	5
5	256QAM	1	24	19.24	19.30	19.12		
5	256QAM	12	0	19.36	19.34	19.47		
5	256QAM	12	7	19.47	19.44	19.34	20.5	5
5	256QAM	12	13	19.18	19.41	19.16		
5	256QAM	25	0	19.36	19.55	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.50	24.36		
3	QPSK	1	8	24.49	24.48	24.44	25.5	0
3	QPSK	1	14	24.49	24.31	24.41		
3	QPSK	8	0	23.48	23.71	23.51		
3	QPSK	8	4	23.42	23.48	23.54	24.5	1
3	QPSK	8	7	23.55	23.62	23.52		
3	QPSK	15	0	23.31	23.37	23.30		
3	16QAM	1	0	23.29	23.38	23.16		
3	16QAM	1	8	23.14	23.13	23.13	24.5	1
3	16QAM	1	14	23.23	23.24	23.22		
3	16QAM	8	0	22.39	22.36	22.34		
3	16QAM	8	4	22.31	22.36	22.27	23.5	2
3	16QAM	8	7	22.22	22.42	22.38		
3	16QAM	15	0	22.43	22.63	22.66		
3	64QAM	1	0	22.23	22.40	22.19		
3	64QAM	1	8	22.20	22.40	22.25	23.5	2
3	64QAM	1	14	22.14	22.50	22.19		
3	64QAM	8	0	21.31	21.53	21.61		
3	64QAM	8	4	21.25	21.47	21.32	22.5	3
3	64QAM	8	7	21.32	21.42	21.44		
3	64QAM	15	0	21.40	21.61	21.50		
3	256QAM	1	0	19.41	19.38	19.22		
3	256QAM	1	8	19.36	19.42	19.10	20.5	5
3	256QAM	1	14	19.26	19.21	19.25		
3	256QAM	8	0	19.32	19.34	19.44		
3	256QAM	8	4	19.49	19.37	19.30	20.5	5
3	256QAM	8	7	19.09	19.50	19.26		
3	256QAM	15	0	19.45	19.59	19.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.51	24.46	24.30		
1.4	QPSK	1	3	24.51	24.52	24.40		
1.4	QPSK	1	5	24.43	24.36	24.32	25.5	0
1.4	QPSK	3	0	24.55	24.51	24.33		
1.4	QPSK	3	1	24.44	24.47	24.49		
1.4	QPSK	3	3	24.35	24.34	24.28		
1.4	QPSK	6	0	23.58	23.82	23.53	24.5	1
1.4	16QAM	1	0	23.50	23.55	23.50		
1.4	16QAM	1	3	23.57	23.56	23.53		
1.4	16QAM	1	5	23.34	23.33	23.31	24.5	1
1.4	16QAM	3	0	23.20	23.37	23.15		
1.4	16QAM	3	1	23.12	23.02	23.16		
1.4	16QAM	3	3	23.22	23.20	23.24		
1.4	16QAM	6	0	22.32	22.38	22.31	23.5	2
1.4	64QAM	1	0	22.26	22.24	22.24		
1.4	64QAM	1	3	22.30	22.40	22.39		
1.4	64QAM	1	5	22.41	22.70	22.61	23.5	2
1.4	64QAM	3	0	22.26	22.40	22.25		
1.4	64QAM	3	1	22.22	22.36	22.21		
1.4	64QAM	3	3	22.02	22.52	22.08		
1.4	64QAM	6	0	21.28	21.48	21.65	22.5	3
1.4	256QAM	1	0	19.38	19.49	19.20		
1.4	256QAM	1	3	19.30	19.32	19.07		
1.4	256QAM	1	5	19.22	19.37	19.17	20.5	5
1.4	256QAM	3	0	19.34	19.35	19.34		
1.4	256QAM	3	1	19.50	19.48	19.31		
1.4	256QAM	3	3	19.04	19.51	19.14		
1.4	256QAM	6	0	19.43	19.55	19.42	20.5	5

Band 13 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.72			
10	QPSK	1	25		24.62		25.5	0
10	QPSK	1	49		24.43			
10	QPSK	25	0		23.81			
10	QPSK	25	12		23.68		24.5	1
10	QPSK	25	25		23.75			
10	QPSK	50	0		23.51			
10	16QAM	1	0		23.42			
10	16QAM	1	25		23.25		24.5	1
10	16QAM	1	49		23.43			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.42		23.5	2
10	16QAM	25	25		22.55			
10	16QAM	50	0		22.82			
10	64QAM	1	0		22.45			
10	64QAM	1	25		22.54		23.5	2
10	64QAM	1	49		22.59			
10	64QAM	25	0		21.65			
10	64QAM	25	12		21.60		22.5	3
10	64QAM	25	25		21.57			
10	64QAM	50	0		21.70			
10	256QAM	1	0		19.55			
10	256QAM	1	25		19.43		20.5	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.53		20.5	5
10	256QAM	25	25		19.60			
10	256QAM	50	0		19.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.57	24.64	24.56		
5	QPSK	1	12	24.46	24.54	24.45	25.5	0
5	QPSK	1	24	24.39	24.34	24.27		
5	QPSK	12	0	23.75	23.65	23.67		
5	QPSK	12	7	23.64	23.56	23.62	24.5	1
5	QPSK	12	13	23.60	23.64	23.73		
5	QPSK	25	0	23.43	23.40	23.40		
5	16QAM	1	0	23.33	23.36	23.32		
5	16QAM	1	12	23.08	23.09	23.20	24.5	1
5	16QAM	1	24	23.30	23.27	23.37		
5	16QAM	12	0	22.31	22.39	22.40		
5	16QAM	12	7	22.27	22.38	22.36	23.5	2
5	16QAM	12	13	22.52	22.49	22.51		
5	16QAM	25	0	22.71	22.65	22.67		
5	64QAM	1	0	22.43	22.28	22.37		
5	64QAM	1	12	22.49	22.45	22.38	23.5	2
5	64QAM	1	24	22.49	22.49	22.44		
5	64QAM	12	0	21.48	21.57	21.56		
5	64QAM	12	7	21.49	21.57	21.53	22.5	3
5	64QAM	12	13	21.42	21.43	21.54		
5	64QAM	25	0	21.62	21.60	21.53		
5	256QAM	1	0	19.48	19.38	19.40		
5	256QAM	1	12	19.32	19.36	19.38	20.5	5
5	256QAM	1	24	19.30	19.22	19.30		
5	256QAM	12	0	19.40	19.40	19.38		
5	256QAM	12	7	19.37	19.47	19.41	20.5	5
5	256QAM	12	13	19.46	19.49	19.45		
5	256QAM	25	0	19.59	19.59	19.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.51	24.61	24.40		
10	QPSK	1	25	24.46	24.53	24.44	25.5	0
10	QPSK	1	49	24.41	24.47	24.48		
10	QPSK	25	0	23.61	23.75	23.61		
10	QPSK	25	12	23.56	23.68	23.52	24.5	1
10	QPSK	25	25	23.51	23.69	23.59		
10	QPSK	50	0	23.33	23.45	23.26		
10	16QAM	1	0	23.35	23.41	23.27		
10	16QAM	1	25	23.28	23.24	23.21	24.5	1
10	16QAM	1	49	23.23	23.37	23.34		
10	16QAM	25	0	22.40	22.42	22.43		
10	16QAM	25	12	22.27	22.39	22.36	23.5	2
10	16QAM	25	25	22.34	22.43	22.41		
10	16QAM	50	0	22.56	22.77	22.66		
10	64QAM	1	0	22.32	22.44	22.30		
10	64QAM	1	25	22.28	22.48	22.26	23.5	2
10	64QAM	1	49	22.19	22.50	22.10		
10	64QAM	25	0	21.29	21.58	21.53		
10	64QAM	25	12	21.33	21.45	21.35	22.5	3
10	64QAM	25	25	21.35	21.40	21.44		
10	64QAM	50	0	21.42	21.68	21.53		
10	256QAM	1	0	19.39	19.57	19.28		
10	256QAM	1	25	19.31	19.40	19.12	20.5	5
10	256QAM	1	49	19.23	19.35	19.29		
10	256QAM	25	0	19.41	19.51	19.41		
10	256QAM	25	12	19.49	19.47	19.32	20.5	5
10	256QAM	25	25	19.24	19.59	19.38		
10	256QAM	50	0	19.55	19.53	19.48		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.43	24.56	24.36		
5	QPSK	1	12	24.29	24.40	24.29	25.5	0
5	QPSK	1	24	24.32	24.32	24.33		
5	QPSK	12	0	23.48	23.57	23.59		
5	QPSK	12	7	23.54	23.62	23.39	24.5	1
5	QPSK	12	13	23.37	23.58	23.57		
5	QPSK	25	0	23.21	23.36	23.16		
5	16QAM	1	0	23.27	23.39	23.15		
5	16QAM	1	12	23.18	23.19	23.04	24.5	1
5	16QAM	1	24	23.13	23.25	23.27		
5	16QAM	12	0	22.26	22.34	22.37		
5	16QAM	12	7	22.22	22.28	22.28	23.5	2
5	16QAM	12	13	22.30	22.34	22.32		
5	16QAM	25	0	22.53	22.60	22.60		
5	64QAM	1	0	22.27	22.37	22.20		
5	64QAM	1	12	22.10	22.40	22.23	23.5	2
5	64QAM	1	24	22.11	22.38	22.03		
5	64QAM	12	0	21.24	21.54	21.50		
5	64QAM	12	7	21.23	21.35	21.21	22.5	3
5	64QAM	12	13	21.20	21.27	21.40		
5	64QAM	25	0	21.32	21.64	21.40		
5	256QAM	1	0	19.26	19.41	19.21		
5	256QAM	1	12	19.14	19.24	19.08	20.5	5
5	256QAM	1	24	19.20	19.22	19.25		
5	256QAM	12	0	19.29	19.40	19.31		
5	256QAM	12	7	19.34	19.39	19.20	20.5	5
5	256QAM	12	13	19.11	19.55	19.34		
5	256QAM	25	0	19.46	19.44	19.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.99	25.07	24.87		
15	QPSK	1	37	24.84	24.95	24.94	25.7	0
15	QPSK	1	74	24.94	24.84	24.82		
15	QPSK	36	0	24.06	24.28	24.16		
15	QPSK	36	20	24.00	24.03	24.02	24.7	1
15	QPSK	36	39	23.98	24.09	24.01		
15	QPSK	75	0	23.78	23.91	23.70		
15	16QAM	1	0	23.74	23.84	23.70		
15	16QAM	1	37	23.64	23.63	23.69	24.7	1
15	16QAM	1	74	23.69	23.79	23.77		
15	16QAM	36	0	22.89	22.82	22.90		
15	16QAM	36	20	22.70	22.83	22.87	23.7	2
15	16QAM	36	39	22.81	22.89	22.89		
15	16QAM	75	0	22.99	23.15	23.07		
15	64QAM	1	0	22.70	22.84	22.83		
15	64QAM	1	37	22.64	22.90	22.73	23.7	2
15	64QAM	1	74	22.61	23.00	22.56		
15	64QAM	36	0	21.82	22.07	21.97		
15	64QAM	36	20	21.73	21.91	21.86	22.7	3
15	64QAM	36	39	21.84	21.91	21.83		
15	64QAM	75	0	21.94	22.10	22.01		
15	256QAM	1	0	19.82	19.98	19.68		
15	256QAM	1	37	19.69	19.81	19.59	20.7	5
15	256QAM	1	74	19.70	19.75	19.71		
15	256QAM	36	0	19.91	19.86	19.94		
15	256QAM	36	20	19.88	19.91	19.78	20.7	5
15	256QAM	36	39	19.63	19.93	19.80		
15	256QAM	75	0	19.90	19.97	19.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.85	24.96	24.80		
10	QPSK	1	25	24.67	24.78	24.84	25.7	0
10	QPSK	1	49	24.81	24.67	24.66		
10	QPSK	25	0	23.97	24.23	24.01		
10	QPSK	25	12	23.98	23.91	23.99	24.7	1
10	QPSK	25	25	23.88	23.98	23.92		
10	QPSK	50	0	23.70	23.88	23.65		
10	16QAM	1	0	23.59	23.68	23.64		
10	16QAM	1	25	23.52	23.61	23.61	24.7	1
10	16QAM	1	49	23.60	23.71	23.67		
10	16QAM	25	0	22.80	22.79	22.85		
10	16QAM	25	12	22.56	22.74	22.83	23.7	2
10	16QAM	25	25	22.67	22.83	22.83		
10	16QAM	50	0	22.92	23.12	23.02		
10	64QAM	1	0	22.64	22.75	22.67		
10	64QAM	1	25	22.60	22.82	22.59	23.7	2
10	64QAM	1	49	22.57	22.84	22.38		
10	64QAM	25	0	21.71	22.04	21.89		
10	64QAM	25	12	21.70	21.81	21.70	22.7	3
10	64QAM	25	25	21.69	21.76	21.70		
10	64QAM	50	0	21.81	22.07	21.84		
10	256QAM	1	0	19.78	19.83	19.54		
10	256QAM	1	25	19.66	19.71	19.42	20.7	5
10	256QAM	1	49	19.67	19.69	19.67		
10	256QAM	25	0	19.85	19.69	19.87		
10	256QAM	25	12	19.74	19.88	19.65	20.7	5
10	256QAM	25	25	19.59	19.77	19.69		
10	256QAM	50	0	19.87	19.84	19.80		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	24.93	24.78		
5	QPSK	1	12	24.76	24.86	24.82	25.7	0
5	QPSK	1	24	24.76	24.80	24.77		
5	QPSK	12	0	23.89	24.15	24.04		
5	QPSK	12	7	23.88	23.85	23.99	24.7	1
5	QPSK	12	13	23.83	24.00	23.85		
5	QPSK	25	0	23.75	23.81	23.64		
5	16QAM	1	0	23.57	23.81	23.66		
5	16QAM	1	12	23.53	23.49	23.65	24.7	1
5	16QAM	1	24	23.66	23.67	23.72		
5	16QAM	12	0	22.73	22.75	22.77		
5	16QAM	12	7	22.55	22.66	22.80	23.7	2
5	16QAM	12	13	22.66	22.73	22.86		
5	16QAM	25	0	22.92	23.12	23.03		
5	64QAM	1	0	22.67	22.80	22.80		
5	64QAM	1	12	22.64	22.82	22.68	23.7	2
5	64QAM	1	24	22.79	22.92	22.73		
5	64QAM	12	0	21.75	21.98	21.93		
5	64QAM	12	7	21.58	21.79	21.68	22.7	3
5	64QAM	12	13	21.76	21.80	21.73		
5	64QAM	25	0	21.88	21.98	21.94		
5	256QAM	1	0	19.71	19.80	19.55		
5	256QAM	1	12	19.65	19.66	19.53	20.7	5
5	256QAM	1	24	19.56	19.70	19.59		
5	256QAM	12	0	19.81	19.79	19.78		
5	256QAM	12	7	19.85	19.75	19.72	20.7	5
5	256QAM	12	13	19.53	19.81	19.66		
5	256QAM	25	0	19.87	19.87	19.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.91	24.87	24.80		
3	QPSK	1	8	24.76	24.82	24.82	25.7	0
3	QPSK	1	14	24.83	24.65	24.62		
3	QPSK	8	0	23.85	24.14	23.99		
3	QPSK	8	4	23.82	23.89	23.95	24.7	1
3	QPSK	8	7	23.83	23.97	23.87		
3	QPSK	15	0	23.64	23.83	23.64		
3	16QAM	1	0	23.58	23.76	23.55		
3	16QAM	1	8	23.51	23.51	23.57	24.7	1
3	16QAM	1	14	23.62	23.72	23.67		
3	16QAM	8	0	22.68	22.63	22.76		
3	16QAM	8	4	22.49	22.70	22.79	23.7	2
3	16QAM	8	7	22.61	22.72	22.71		
3	16QAM	15	0	22.79	23.01	22.87		
3	64QAM	1	0	22.63	22.69	22.63		
3	64QAM	1	8	22.43	22.73	22.67	23.7	2
3	64QAM	1	14	22.48	22.88	22.49		
3	64QAM	8	0	21.70	21.97	21.87		
3	64QAM	8	4	21.59	21.78	21.66	22.7	3
3	64QAM	8	7	21.77	21.81	21.66		
3	64QAM	15	0	21.87	21.91	21.87		
3	256QAM	1	0	19.75	19.80	19.60		
3	256QAM	1	8	19.52	19.71	19.44	20.7	5
3	256QAM	1	14	19.54	19.58	19.59		
3	256QAM	8	0	19.71	19.78	19.88		
3	256QAM	8	4	19.69	19.82	19.69	20.7	5
3	256QAM	8	7	19.44	19.75	19.61		
3	256QAM	15	0	19.82	19.91	19.77		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.93	24.86	24.72		
1.4	QPSK	1	3	24.76	24.79	24.84		
1.4	QPSK	1	5	24.86	24.76	24.76	25.7	0
1.4	QPSK	3	0	24.84	24.87	24.67		
1.4	QPSK	3	1	24.65	24.82	24.76		
1.4	QPSK	3	3	24.82	24.69	24.68		
1.4	QPSK	6	0	23.88	24.09	24.10	24.7	1
1.4	16QAM	1	0	23.85	23.98	23.92		
1.4	16QAM	1	3	23.91	23.89	23.95		
1.4	16QAM	1	5	23.59	23.81	23.64	24.7	1
1.4	16QAM	3	0	23.55	23.77	23.57		
1.4	16QAM	3	1	23.48	23.48	23.52		
1.4	16QAM	3	3	23.54	23.66	23.70		
1.4	16QAM	6	0	22.74	22.68	22.71	23.7	2
1.4	64QAM	1	0	22.61	22.68	22.70		
1.4	64QAM	1	3	22.62	22.79	22.78		
1.4	64QAM	1	5	22.83	23.09	23.00	23.7	2
1.4	64QAM	3	0	22.58	22.66	22.71		
1.4	64QAM	3	1	22.53	22.76	22.62		
1.4	64QAM	3	3	22.51	22.87	22.39		
1.4	64QAM	6	0	21.61	21.89	21.83	22.7	3
1.4	256QAM	1	0	19.76	19.88	19.60		
1.4	256QAM	1	3	19.54	19.64	19.50		
1.4	256QAM	1	5	19.60	19.65	19.66	20.7	5
1.4	256QAM	3	0	19.73	19.69	19.84		
1.4	256QAM	3	1	19.74	19.72	19.60		
1.4	256QAM	3	3	19.49	19.81	19.68		
1.4	256QAM	6	0	19.84	19.86	19.67	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.17	24.27	24.01		
20	QPSK	1	49	24.11	24.16	24.13	25	0
20	QPSK	1	99	24.04	24.13	24.14		
20	QPSK	50	0	23.33	23.47	23.29		
20	QPSK	50	24	23.16	23.24	23.17	24	1
20	QPSK	50	50	23.13	23.38	23.21		
20	QPSK	100	0	22.99	23.10	22.99		
20	16QAM	1	0	22.90	23.04	22.95		
20	16QAM	1	49	22.87	22.85	22.91	24	1
20	16QAM	1	99	22.90	23.00	22.89		
20	16QAM	50	0	22.04	22.08	22.06		
20	16QAM	50	24	21.90	22.00	22.11	23	2
20	16QAM	50	50	21.99	22.14	22.06		
20	16QAM	100	0	22.13	22.35	22.26		
20	64QAM	1	0	21.98	22.08	21.97		
20	64QAM	1	49	21.87	22.13	21.91	23	2
20	64QAM	1	99	21.85	22.19	21.85		
20	64QAM	50	0	20.97	21.18	21.28		
20	64QAM	50	24	21.00	21.10	21.01	22	3
20	64QAM	50	50	21.01	21.09	21.03		
20	64QAM	100	0	21.12	21.25	21.22		
20	256QAM	1	0	19.04	19.25	18.94		
20	256QAM	1	49	18.91	19.09	18.91	20	5
20	256QAM	1	99	18.93	18.90	18.86		
20	256QAM	50	0	19.12	19.16	19.09		
20	256QAM	50	24	19.09	19.13	19.03	20	5
20	256QAM	50	50	18.80	19.26	19.02		
20	256QAM	100	0	19.14	19.19	19.08		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.24	23.87		
15	QPSK	1	37	23.95	24.10	23.99	25	0
15	QPSK	1	74	24.01	24.05	24.02		
15	QPSK	36	0	23.19	23.31	23.27		
15	QPSK	36	20	23.07	23.10	23.08	24	1
15	QPSK	36	39	23.02	23.22	23.07		
15	QPSK	75	0	22.87	23.05	22.86		
15	16QAM	1	0	22.80	22.96	22.87		
15	16QAM	1	37	22.80	22.79	22.79	24	1
15	16QAM	1	74	22.87	22.89	22.72		
15	16QAM	36	0	21.93	22.05	22.00		
15	16QAM	36	20	21.75	21.92	22.01	23	2
15	16QAM	36	39	21.82	22.01	21.92		
15	16QAM	75	0	22.01	22.24	22.17		
15	64QAM	1	0	21.85	21.90	21.83		
15	64QAM	1	37	21.83	21.99	21.83	23	2
15	64QAM	1	74	21.73	22.16	21.69		
15	64QAM	36	0	20.80	21.06	21.23		
15	64QAM	36	20	20.90	20.95	20.86	22	3
15	64QAM	36	39	20.84	21.02	20.87		
15	64QAM	75	0	20.97	21.14	21.11		
15	256QAM	1	0	18.92	19.11	18.87		
15	256QAM	1	37	18.73	19.03	18.73	20	5
15	256QAM	1	74	18.89	18.82	18.73		
15	256QAM	36	0	19.10	19.05	19.06		
15	256QAM	36	20	19.05	19.05	18.93	20	5
15	256QAM	36	39	18.65	19.11	18.97		
15	256QAM	75	0	19.06	19.09	19.00		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.99	24.19	23.98		
10	QPSK	1	25	23.95	24.06	24.07	25	0
10	QPSK	1	49	23.89	24.09	23.98		
10	QPSK	25	0	23.19	23.43	23.14		
10	QPSK	25	12	23.10	23.18	23.04	24	1
10	QPSK	25	25	23.05	23.23	23.05		
10	QPSK	50	0	22.90	22.97	22.83		
10	16QAM	1	0	22.80	22.96	22.88		
10	16QAM	1	25	22.76	22.89	22.75	24	1
10	16QAM	1	49	22.77	22.92	22.75		
10	16QAM	25	0	21.88	21.98	21.90		
10	16QAM	25	12	21.81	21.97	22.02	23	2
10	16QAM	25	25	21.85	22.05	21.94		
10	16QAM	50	0	21.99	22.28	22.09		
10	64QAM	1	0	21.91	22.01	21.89		
10	64QAM	1	25	21.83	22.06	21.85	23	2
10	64QAM	1	49	21.80	22.11	21.71		
10	64QAM	25	0	20.90	21.15	21.21		
10	64QAM	25	12	20.93	20.96	20.94	22	3
10	64QAM	25	25	20.94	21.03	20.95		
10	64QAM	50	0	21.02	21.19	21.05		
10	256QAM	1	0	18.95	19.13	18.89		
10	256QAM	1	25	18.73	18.99	18.87	20	5
10	256QAM	1	49	18.76	18.87	18.71		
10	256QAM	25	0	18.96	19.06	18.96		
10	256QAM	25	12	18.95	18.97	18.88	20	5
10	256QAM	25	25	18.62	19.09	18.90		
10	256QAM	50	0	19.10	19.16	18.99		
Channel				133142	133242	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.11	24.09	23.96		
5	QPSK	1	12	24.04	24.03	24.07	25	0
5	QPSK	1	24	23.94	24.08	24.12		
5	QPSK	12	0	23.21	23.32	23.17		
5	QPSK	12	7	23.11	23.08	23.09	24	1
5	QPSK	12	13	22.97	23.24	23.12		
5	QPSK	25	0	22.88	22.95	22.86		
5	16QAM	1	0	22.76	22.98	22.91		
5	16QAM	1	12	22.83	22.70	22.85	24	1
5	16QAM	1	24	22.84	22.92	22.75		
5	16QAM	12	0	21.87	21.91	21.96		
5	16QAM	12	7	21.75	21.91	22.00	23	2
5	16QAM	12	13	21.95	22.00	22.02		
5	16QAM	25	0	21.95	22.28	22.15		
5	64QAM	1	0	21.84	22.06	21.88		
5	64QAM	1	12	21.79	22.00	21.80	23	2
5	64QAM	1	24	21.70	22.09	21.75		
5	64QAM	12	0	20.92	21.01	21.22		
5	64QAM	12	7	20.92	21.05	20.98	22	3
5	64QAM	12	13	20.91	20.91	20.96		
5	64QAM	25	0	20.99	21.11	21.17		
5	256QAM	1	0	18.91	19.13	18.89		
5	256QAM	1	12	18.88	18.93	18.86	20	5
5	256QAM	1	24	18.87	18.72	18.83		
5	256QAM	12	0	19.04	19.05	18.97		
5	256QAM	12	7	19.02	18.99	18.86	20	5
5	256QAM	12	13	18.70	19.19	18.98		
5	256QAM	25	0	19.05	19.07	18.96		

GSM850 EC1

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	27.89	27.91	27.87	29.50	18.89	18.91	18.87	20.50
GPRS 1 Tx slot	27.90	27.93	27.89	29.50	18.90	18.93	18.89	20.50
GPRS 2 Tx slots	24.91	25.01	25.01	26.50	18.91	19.01	19.01	20.50
GPRS 3 Tx slots	23.23	23.23	23.36	24.70	18.97	18.97	19.10	20.44
GPRS 4 Tx slots	21.87	21.98	21.92	23.50	18.87	18.98	18.92	20.50
EDGE 1 Tx slot	26.95	27.08	26.93	28.50	17.95	18.08	17.93	19.50
EDGE 2 Tx slots	23.95	23.93	23.88	25.50	17.95	17.93	17.88	19.50
EDGE 3 Tx slots	21.86	21.88	21.91	23.70	17.60	17.62	17.65	19.44
EDGE 4 Tx slots	20.54	20.62	20.58	22.50	17.54	17.62	17.58	19.50

WCDMA V EC1

Band									WCDMA V			Tune-up Limit (dBm)
TX Channel									4132	4182	4233	
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								19.23	19.25	19.17	20.50
3GPP Rel 99	RMC 12.2Kbps								19.24	19.27	19.19	20.50
3GPP Rel 6	HSDPA Subtest-1								18.26	18.20	18.22	19.50
3GPP Rel 6	HSDPA Subtest-2								18.22	18.13	18.02	19.50
3GPP Rel 6	HSDPA Subtest-3								17.78	17.76	17.80	19.00
3GPP Rel 6	HSDPA Subtest-4								17.58	17.61	17.75	19.00
3GPP Rel 8	DC-HSDPA Subtest-1								18.16	18.21	18.16	19.50
3GPP Rel 8	DC-HSDPA Subtest-2								18.03	18.23	18.14	19.50
3GPP Rel 8	DC-HSDPA Subtest-3								17.56	17.64	17.53	19.00
3GPP Rel 8	DC-HSDPA Subtest-4								17.59	17.72	17.62	19.00
3GPP Rel 6	HSUPA Subtest-1								17.87	18.24	18.19	19.50
3GPP Rel 6	HSUPA Subtest-2								16.18	16.33	16.25	17.50
3GPP Rel 6	HSUPA Subtest-3								17.28	17.16	17.33	18.50
3GPP Rel 6	HSUPA Subtest-4								16.17	16.19	16.08	17.50
3GPP Rel 6	HSUPA Subtest-5								18.08	18.19	18.00	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								15.73	15.98	15.73	17.00

Band 5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.09	20.25	20.19		
10	QPSK	1	25	20.21	20.14	20.12	20.7	0
10	QPSK	1	49	20.12	20.10	20.08		
10	QPSK	25	0	20.03	20.14	19.97		
10	QPSK	25	12	20.03	20.01	20.01	20.7	0
10	QPSK	25	25	20.03	19.95	19.85		
10	QPSK	50	0	19.90	20.00	19.85		
10	16QAM	1	0	19.94	20.00	20.10		
10	16QAM	1	25	19.95	19.98	19.91	20.7	0
10	16QAM	1	49	19.84	19.97	19.86		
10	16QAM	25	0	20.06	19.97	20.02		
10	16QAM	25	12	20.12	20.07	20.14	20.7	0
10	16QAM	25	25	20.11	20.05	20.13		
10	16QAM	50	0	19.94	20.05	20.13		
10	64QAM	1	0	20.02	19.99	20.07		
10	64QAM	1	25	19.91	20.07	20.08	20.7	0
10	64QAM	1	49	20.08	20.12	19.98		
10	64QAM	25	0	20.12	20.01	20.09		
10	64QAM	25	12	19.98	20.06	19.91	20.7	0
10	64QAM	25	25	19.88	20.12	20.14		
10	64QAM	50	0	20.07	20.09	20.16		
10	256QAM	1	0	19.98	20.10	19.99		
10	256QAM	1	25	19.93	20.20	19.96	20.7	0
10	256QAM	1	49	20.02	20.01	20.01		
10	256QAM	25	0	20.08	20.16	20.09		
10	256QAM	25	12	19.86	20.02	19.99	20.7	0
10	256QAM	25	25	19.94	20.06	20.13		
10	256QAM	50	0	19.97	20.02	20.11		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	20.16	20.05		
5	QPSK	1	12	20.06	20.08	20.12	20.7	0
5	QPSK	1	24	19.94	19.99	19.91		
5	QPSK	12	0	19.90	20.10	19.98		
5	QPSK	12	7	19.92	19.90	19.83	20.7	0
5	QPSK	12	13	19.92	19.95	19.86		
5	QPSK	25	0	19.66	19.90	19.68		
5	16QAM	1	0	19.81	19.93	19.98		
5	16QAM	1	12	19.78	19.86	19.94	20.7	0
5	16QAM	1	24	19.88	19.79	19.87		
5	16QAM	12	0	19.95	19.84	19.91		
5	16QAM	12	7	19.93	19.82	20.03	20.7	0
5	16QAM	12	13	20.01	19.98	19.96		
5	16QAM	25	0	19.84	19.99	19.90		
5	64QAM	1	0	19.83	19.94	20.04		
5	64QAM	1	12	19.82	19.86	19.93	20.7	0
5	64QAM	1	24	19.91	20.12	19.97		
5	64QAM	12	0	19.98	19.92	19.89		
5	64QAM	12	7	19.85	19.88	19.90	20.7	0
5	64QAM	12	13	19.86	19.98	20.10		
5	64QAM	25	0	19.86	20.01	20.00		
5	256QAM	1	0	19.92	19.98	19.95		
5	256QAM	1	12	19.83	20.09	19.99	20.7	0
5	256QAM	1	24	19.96	19.97	19.90		
5	256QAM	12	0	19.95	20.04	19.97		
5	256QAM	12	7	19.89	19.90	20.02	20.7	0
5	256QAM	12	13	19.94	19.97	19.96		
5	256QAM	25	0	19.93	20.02	20.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.00	20.15	19.99		
3	QPSK	1	8	20.00	20.01	20.06	20.7	0
3	QPSK	1	14	20.04	20.07	20.03		
3	QPSK	8	0	19.94	19.97	19.97		
3	QPSK	8	4	19.95	19.88	19.91	20.7	0
3	QPSK	8	7	19.88	19.99	19.83		
3	QPSK	15	0	19.72	19.95	19.62		
3	16QAM	1	0	19.77	19.86	19.95		
3	16QAM	1	8	19.77	19.75	19.85	20.7	0
3	16QAM	1	14	19.83	19.84	19.85		
3	16QAM	8	0	19.94	19.82	19.86		
3	16QAM	8	4	19.90	19.94	19.99	20.7	0
3	16QAM	8	7	19.95	19.93	19.89		
3	16QAM	15	0	19.80	19.96	20.02		
3	64QAM	1	0	19.86	19.89	19.93		
3	64QAM	1	8	19.88	19.97	19.98	20.7	0
3	64QAM	1	14	19.95	20.03	19.92		
3	64QAM	8	0	19.95	19.92	19.90		
3	64QAM	8	4	19.87	19.90	19.91	20.7	0
3	64QAM	8	7	19.82	20.02	19.98		
3	64QAM	15	0	19.89	20.01	19.95		
3	256QAM	1	0	19.92	20.04	19.91		
3	256QAM	1	8	19.80	20.09	19.90	20.7	0
3	256QAM	1	14	19.95	19.98	19.99		
3	256QAM	8	0	19.99	19.98	19.89		
3	256QAM	8	4	19.78	19.95	19.90	20.7	0
3	256QAM	8	7	19.91	19.89	20.00		
3	256QAM	15	0	19.95	19.96	19.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.92	20.12	20.11		
1.4	QPSK	1	3	20.08	20.09	20.05		
1.4	QPSK	1	5	19.93	20.10	19.96	20.7	0
1.4	QPSK	3	0	19.80	20.12	19.83		
1.4	QPSK	3	1	19.86	19.88	19.90		
1.4	QPSK	3	3	19.91	19.84	19.79		
1.4	QPSK	6	0	19.72	19.95	19.67	20.7	0
1.4	16QAM	1	0	19.88	19.90	19.93		
1.4	16QAM	1	3	19.91	19.89	19.89		
1.4	16QAM	1	5	19.80	19.77	19.83	20.7	0
1.4	16QAM	3	0	19.98	19.92	19.92		
1.4	16QAM	3	1	19.90	19.87	19.98		
1.4	16QAM	3	3	20.04	19.99	20.00		
1.4	16QAM	6	0	19.82	19.99	19.93	20.7	0
1.4	64QAM	1	0	19.87	19.92	20.01		
1.4	64QAM	1	3	19.94	19.96	20.05		
1.4	64QAM	1	5	19.91	20.08	19.93	20.7	0
1.4	64QAM	3	0	20.01	19.93	19.86		
1.4	64QAM	3	1	19.91	19.99	19.83		
1.4	64QAM	3	3	19.91	20.02	19.99		
1.4	64QAM	6	0	19.87	19.98	19.92	20.7	0
1.4	256QAM	1	0	19.98	20.11	19.89		
1.4	256QAM	1	3	19.82	20.02	19.91		
1.4	256QAM	1	5	20.01	19.97	19.97	20.7	0
1.4	256QAM	3	0	19.97	20.05	19.93		
1.4	256QAM	3	1	19.81	19.99	19.90		
1.4	256QAM	3	3	19.88	19.91	19.93		
1.4	256QAM	6	0	19.93	20.02	19.95	20.7	0

Band 12 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.07	22.15	22.05		
10	QPSK	1	25	22.00	22.09	21.98	23.2	0
10	QPSK	1	49	22.02	21.91	21.96		
10	QPSK	25	0	22.01	22.09	22.03		
10	QPSK	25	12	21.77	21.92	21.79	23.2	0
10	QPSK	25	25	21.76	21.89	21.75		
10	QPSK	50	0	21.96	22.01	21.94		
10	16QAM	1	0	21.78	21.82	21.80		
10	16QAM	1	25	21.72	21.78	21.79	23.2	0
10	16QAM	1	49	21.77	21.68	21.79		
10	16QAM	25	0	21.94	21.78	21.85		
10	16QAM	25	12	21.83	21.92	21.98	23.2	0
10	16QAM	25	25	21.91	21.82	21.94		
10	16QAM	50	0	21.75	22.04	21.88		
10	64QAM	1	0	21.85	21.89	21.97		
10	64QAM	1	25	21.77	21.78	21.93	23.2	0
10	64QAM	1	49	21.80	22.05	21.98		
10	64QAM	25	0	21.30	21.56	21.58		
10	64QAM	25	12	21.27	21.49	21.31	22.7	0.5
10	64QAM	25	25	21.41	21.40	21.43		
10	64QAM	50	0	21.46	21.66	21.57		
10	256QAM	1	0	19.35	19.55	19.28		
10	256QAM	1	25	19.35	19.34	19.32	20.7	2.5
10	256QAM	1	49	19.23	19.25	19.21		
10	256QAM	25	0	19.44	19.51	19.46		
10	256QAM	25	12	19.46	19.45	19.34	20.7	2.5
10	256QAM	25	25	19.34	19.53	19.32		
10	256QAM	50	0	19.45	19.50	19.49		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.91	22.02	21.96		
5	QPSK	1	12	21.93	21.96	21.83	23.2	0
5	QPSK	1	24	21.80	21.94	21.74		
5	QPSK	12	0	21.71	21.94	21.73		
5	QPSK	12	7	21.79	21.83	21.72	23.2	0
5	QPSK	12	13	21.78	21.76	21.64		
5	QPSK	25	0	21.54	21.72	21.49		
5	16QAM	1	0	21.71	21.72	21.85		
5	16QAM	1	12	21.70	21.74	21.80	23.2	0
5	16QAM	1	24	21.62	21.61	21.73		
5	16QAM	12	0	21.85	21.69	21.76		
5	16QAM	12	7	21.85	21.80	21.90	23.2	0
5	16QAM	12	13	21.80	21.74	21.75		
5	16QAM	25	0	21.70	21.74	21.79		
5	64QAM	1	0	21.89	21.94	21.89		
5	64QAM	1	12	21.87	21.85	21.89	23.2	0
5	64QAM	1	24	21.69	21.90	21.62		
5	64QAM	12	0	21.22	21.49	21.53		
5	64QAM	12	7	21.21	21.37	21.21	22.7	0.5
5	64QAM	12	13	21.30	21.29	21.30		
5	64QAM	25	0	21.29	21.55	21.54		
5	256QAM	1	0	19.22	19.48	19.24		
5	256QAM	1	12	19.23	19.16	19.20	20.7	2.5
5	256QAM	1	24	19.15	19.19	19.15		
5	256QAM	12	0	19.34	19.46	19.29		
5	256QAM	12	7	19.35	19.37	19.18	20.7	2.5
5	256QAM	12	13	19.30	19.43	19.15		
5	256QAM	25	0	19.29	19.45	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.88	21.97	21.90		
3	QPSK	1	8	21.85	21.93	21.91	23.2	0
3	QPSK	1	14	21.91	21.91	21.90		
3	QPSK	8	0	21.72	21.89	21.73		
3	QPSK	8	4	21.67	21.80	21.68	23.2	0
3	QPSK	8	7	21.77	21.70	21.74		
3	QPSK	15	0	21.62	21.65	21.55		
3	16QAM	1	0	21.67	21.70	21.83		
3	16QAM	1	8	21.70	21.64	21.77	23.2	0
3	16QAM	1	14	21.67	21.63	21.71		
3	16QAM	8	0	21.74	21.69	21.74		
3	16QAM	8	4	21.84	21.74	21.79	23.2	0
3	16QAM	8	7	21.76	21.75	21.85		
3	16QAM	15	0	21.67	21.89	21.87		
3	64QAM	1	0	21.81	22.08	21.89		
3	64QAM	1	8	21.90	21.86	21.76	23.2	0
3	64QAM	1	14	21.72	21.92	21.83		
3	64QAM	8	0	21.22	21.42	21.50		
3	64QAM	8	4	21.22	21.43	21.17	22.7	0.5
3	64QAM	8	7	21.36	21.30	21.37		
3	64QAM	15	0	21.42	21.57	21.49		
3	256QAM	1	0	19.29	19.48	19.24		
3	256QAM	1	8	19.24	19.25	19.25	20.7	2.5
3	256QAM	1	14	19.14	19.11	19.17		
3	256QAM	8	0	19.40	19.46	19.41		
3	256QAM	8	4	19.35	19.30	19.27	20.7	2.5
3	256QAM	8	7	19.17	19.37	19.19		
3	256QAM	15	0	19.36	19.38	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.92	21.94	21.94		
1.4	QPSK	1	3	21.96	21.90	21.84		
1.4	QPSK	1	5	21.80	21.87	21.82	23.2	0
1.4	QPSK	3	0	21.78	21.83	21.78		
1.4	QPSK	3	1	21.75	21.78	21.69		
1.4	QPSK	3	3	21.67	21.85	21.72		
1.4	QPSK	6	0	21.53	21.79	21.57	23.2	0
1.4	16QAM	1	0	21.66	21.66	21.71		
1.4	16QAM	1	3	21.69	21.63	21.75		
1.4	16QAM	1	5	21.73	21.58	21.73	23.2	0
1.4	16QAM	3	0	21.72	21.73	21.77		
1.4	16QAM	3	1	21.80	21.75	21.78		
1.4	16QAM	3	3	21.87	21.78	21.78		
1.4	16QAM	6	0	21.67	21.91	21.83	23.2	0
1.4	64QAM	1	0	21.92	21.91	22.01		
1.4	64QAM	1	3	21.99	22.03	21.79		
1.4	64QAM	1	5	21.85	22.04	21.89	23.2	0
1.4	64QAM	3	0	21.94	22.09	21.98		
1.4	64QAM	3	1	21.87	21.88	21.73		
1.4	64QAM	3	3	21.73	21.84	21.64		
1.4	64QAM	6	0	21.19	21.45	21.27	22.7	0.5
1.4	256QAM	1	0	19.28	19.48	19.20		
1.4	256QAM	1	3	19.24	19.28	19.25		
1.4	256QAM	1	5	19.18	19.10	19.14	20.7	2.5
1.4	256QAM	3	0	19.30	19.40	19.34		
1.4	256QAM	3	1	19.34	19.37	19.25		
1.4	256QAM	3	3	19.22	19.45	19.19		
1.4	256QAM	6	0	19.28	19.48	19.35	20.7	2.5

Band 13 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.63			
10	QPSK	1	25		21.54		22.7	0
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.57			
10	QPSK	25	12		21.34		22.7	0
10	QPSK	25	25		21.36			
10	QPSK	50	0		21.36			
10	16QAM	1	0		21.30			
10	16QAM	1	25		21.29		22.7	0
10	16QAM	1	49		21.21			
10	16QAM	25	0		21.41			
10	16QAM	25	12		21.32		22.7	0
10	16QAM	25	25		21.41			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.36			
10	64QAM	1	25		21.39		22.7	0
10	64QAM	1	49		21.54			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.48		22.7	0
10	64QAM	25	25		21.45			
10	64QAM	50	0		21.49			
10	256QAM	1	0		19.51			
10	256QAM	1	25		19.42		20.7	2
10	256QAM	1	49		19.29			
10	256QAM	25	0		19.53			
10	256QAM	25	12		19.49		20.7	2
10	256QAM	25	25		19.54			
10	256QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.37	21.54	21.42		
5	QPSK	1	12	21.38	21.43	21.44	22.7	0
5	QPSK	1	24	21.34	21.34	21.38		
5	QPSK	12	0	21.21	21.41	21.22		
5	QPSK	12	7	21.32	21.26	21.26	22.7	0
5	QPSK	12	13	21.26	21.35	21.16		
5	QPSK	25	0	21.04	21.25	21.12		
5	16QAM	1	0	21.18	21.22	21.30		
5	16QAM	1	12	21.16	21.13	21.20	22.7	0
5	16QAM	1	24	21.22	21.22	21.23		
5	16QAM	12	0	21.33	21.31	21.21		
5	16QAM	12	7	21.33	21.23	21.35	22.7	0
5	16QAM	12	13	21.41	21.34	21.38		
5	16QAM	25	0	21.15	21.37	21.36		
5	64QAM	1	0	21.29	21.32	21.29		
5	64QAM	1	12	21.28	21.32	21.36	22.7	0
5	64QAM	1	24	21.27	21.40	21.37		
5	64QAM	12	0	21.34	21.36	21.32		
5	64QAM	12	7	21.19	21.26	21.18	22.7	0
5	64QAM	12	13	21.22	21.47	21.40		
5	64QAM	25	0	21.38	21.32	21.40		
5	256QAM	1	0	19.42	19.37	19.43		
5	256QAM	1	12	19.30	19.34	19.36	20.7	2
5	256QAM	1	24	19.15	19.22	19.26		
5	256QAM	12	0	19.39	19.43	19.44		
5	256QAM	12	7	19.35	19.45	19.47	20.7	2
5	256QAM	12	13	19.47	19.36	19.48		
5	256QAM	25	0	19.54	19.46	19.48		

Band 17 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.88	22.02	21.93		
10	QPSK	1	25	21.82	21.89	21.94	23.2	0
10	QPSK	1	49	21.78	21.82	21.81		
10	QPSK	25	0	21.67	21.85	21.70		
10	QPSK	25	12	21.70	21.81	21.72	23.2	0
10	QPSK	25	25	21.70	21.82	21.66		
10	QPSK	50	0	21.65	21.66	21.51		
10	16QAM	1	0	21.68	21.71	21.84		
10	16QAM	1	25	21.66	21.61	21.72	23.2	0
10	16QAM	1	49	21.61	21.65	21.66		
10	16QAM	25	0	21.82	21.67	21.75		
10	16QAM	25	12	21.84	21.79	21.78	23.2	0
10	16QAM	25	25	21.79	21.77	21.82		
10	16QAM	50	0	21.67	21.81	21.81		
10	64QAM	1	0	21.72	21.79	21.78		
10	64QAM	1	25	21.71	21.71	21.83	23.2	0
10	64QAM	1	49	21.84	21.85	21.85		
10	64QAM	25	0	21.27	21.46	21.48		
10	64QAM	25	12	21.15	21.37	21.32	22.7	0.5
10	64QAM	25	25	21.25	21.38	21.31		
10	64QAM	50	0	21.36	21.55	21.48		
10	256QAM	1	0	19.33	19.43	19.17		
10	256QAM	1	25	19.22	19.30	19.21	20.7	2.5
10	256QAM	1	49	19.15	19.25	19.08		
10	256QAM	25	0	19.38	19.37	19.34		
10	256QAM	25	12	19.31	19.34	19.29	20.7	2.5
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.44	19.40	19.34		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.78	21.83	21.86		
5	QPSK	1	12	21.78	21.79	21.75	23.2	0
5	QPSK	1	24	21.68	21.75	21.74		
5	QPSK	12	0	21.69	21.72	21.62		
5	QPSK	12	7	21.71	21.59	21.67	23.2	0
5	QPSK	12	13	21.61	21.62	21.56		
5	QPSK	25	0	21.52	21.69	21.42		
5	16QAM	1	0	21.48	21.58	21.75		
5	16QAM	1	12	21.56	21.63	21.68	23.2	0
5	16QAM	1	24	21.51	21.62	21.62		
5	16QAM	12	0	21.64	21.69	21.66		
5	16QAM	12	7	21.70	21.67	21.70	23.2	0
5	16QAM	12	13	21.76	21.66	21.70		
5	16QAM	25	0	21.59	21.75	21.75		
5	64QAM	1	0	21.70	21.61	21.67		
5	64QAM	1	12	21.70	21.65	21.79	23.2	0
5	64QAM	1	24	21.62	21.81	21.68		
5	64QAM	12	0	21.13	21.34	21.44		
5	64QAM	12	7	21.09	21.31	21.15	22.7	0.5
5	64QAM	12	13	21.19	21.21	21.14		
5	64QAM	25	0	21.32	21.49	21.34		
5	256QAM	1	0	19.17	19.25	18.99		
5	256QAM	1	12	19.15	19.28	19.07	20.7	2.5
5	256QAM	1	24	18.98	19.13	18.99		
5	256QAM	12	0	19.22	19.24	19.25		
5	256QAM	12	7	19.28	19.25	19.15	20.7	2.5
5	256QAM	12	13	19.23	19.32	19.16		
5	256QAM	25	0	19.34	19.31	19.21		

Band 26 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.10	20.26	20.09		
15	QPSK	1	37	20.22	20.14	20.16	20.7	0
15	QPSK	1	74	20.03	20.21	20.12		
15	QPSK	36	0	20.00	20.23	19.98		
15	QPSK	36	20	20.04	20.05	19.91	20.7	0
15	QPSK	36	39	20.06	20.01	20.02		
15	QPSK	75	0	19.81	19.94	19.75		
15	16QAM	1	0	19.96	20.05	19.98		
15	16QAM	1	37	20.03	19.99	19.93	20.7	0
15	16QAM	1	74	19.97	19.97	19.89		
15	16QAM	36	0	19.99	20.04	20.08		
15	16QAM	36	20	20.12	20.03	20.19	20.7	0
15	16QAM	36	39	20.01	20.05	20.04		
15	16QAM	75	0	20.00	20.17	20.11		
15	64QAM	1	0	20.06	19.96	20.03		
15	64QAM	1	37	20.02	20.03	20.17	20.7	0
15	64QAM	1	74	20.11	20.14	20.08		
15	64QAM	36	0	20.02	20.19	20.01		
15	64QAM	36	20	19.95	19.99	20.01	20.7	0
15	64QAM	36	39	20.04	20.17	20.21		
15	64QAM	75	0	20.02	20.08	20.10		
15	256QAM	1	0	20.03	20.23	20.04		
15	256QAM	1	37	19.93	20.24	20.05	20.7	0
15	256QAM	1	74	20.10	20.07	20.04		
15	256QAM	36	0	20.08	20.12	20.13		
15	256QAM	36	20	19.92	20.09	20.09	20.7	0
15	256QAM	36	39	20.04	20.06	20.08		
15	256QAM	75	0	19.96	20.15	20.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.95	20.02	19.89		
10	QPSK	1	25	20.01	19.97	19.94	20.7	0
10	QPSK	1	49	19.91	19.99	19.89		
10	QPSK	25	0	19.77	19.88	19.80		
10	QPSK	25	12	19.85	19.84	19.70	20.7	0
10	QPSK	25	25	19.76	19.80	19.79		
10	QPSK	50	0	19.62	19.73	19.57		
10	16QAM	1	0	19.78	19.81	19.85		
10	16QAM	1	25	19.67	19.66	19.79	20.7	0
10	16QAM	1	49	19.67	19.68	19.77		
10	16QAM	25	0	19.87	19.77	19.85		
10	16QAM	25	12	19.89	19.82	19.94	20.7	0
10	16QAM	25	25	19.85	19.77	19.92		
10	16QAM	50	0	19.82	19.89	19.88		
10	64QAM	1	0	19.77	19.85	19.82		
10	64QAM	1	25	19.81	19.87	19.81	20.7	0
10	64QAM	1	49	19.84	19.90	19.79		
10	64QAM	25	0	19.86	19.96	19.87		
10	64QAM	25	12	19.84	19.80	19.78	20.7	0
10	64QAM	25	25	19.70	19.98	19.98		
10	64QAM	50	0	19.77	19.84	19.96		
10	256QAM	1	0	19.86	19.93	19.87		
10	256QAM	1	25	19.69	19.99	19.75	20.7	0
10	256QAM	1	49	19.92	19.89	19.78		
10	256QAM	25	0	19.78	19.98	19.88		
10	256QAM	25	12	19.77	19.81	19.91	20.7	0
10	256QAM	25	25	19.83	19.81	19.96		
10	256QAM	50	0	19.78	19.84	19.88		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.90	19.99	19.94		
5	QPSK	1	12	19.95	19.92	19.99	20.7	0
5	QPSK	1	24	19.92	19.97	19.93		
5	QPSK	12	0	19.79	19.87	19.77		
5	QPSK	12	7	19.83	19.87	19.71	20.7	0
5	QPSK	12	13	19.72	19.80	19.75		
5	QPSK	25	0	19.55	19.77	19.54		
5	16QAM	1	0	19.67	19.80	19.87		
5	16QAM	1	12	19.78	19.68	19.79	20.7	0
5	16QAM	1	24	19.75	19.68	19.68		
5	16QAM	12	0	19.80	19.83	19.82		
5	16QAM	12	7	19.92	19.86	19.96	20.7	0
5	16QAM	12	13	19.81	19.88	19.86		
5	16QAM	25	0	19.78	19.90	19.86		
5	64QAM	1	0	19.75	19.89	19.89		
5	64QAM	1	12	19.78	19.84	19.96	20.7	0
5	64QAM	1	24	19.86	19.89	19.80		
5	64QAM	12	0	19.79	19.86	19.80		
5	64QAM	12	7	19.74	19.78	19.84	20.7	0
5	64QAM	12	13	19.71	19.86	19.87		
5	64QAM	25	0	19.90	19.85	19.93		
5	256QAM	1	0	19.79	19.96	19.87		
5	256QAM	1	12	19.74	20.04	19.88	20.7	0
5	256QAM	1	24	19.93	19.79	19.89		
5	256QAM	12	0	19.90	19.95	19.83		
5	256QAM	12	7	19.71	19.92	19.89	20.7	0
5	256QAM	12	13	19.79	19.91	19.90		
5	256QAM	25	0	19.87	19.82	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.96	20.01	20.01		
3	QPSK	1	8	19.91	19.89	19.97	20.7	0
3	QPSK	1	14	19.93	19.98	19.91		
3	QPSK	8	0	19.68	19.89	19.82		
3	QPSK	8	4	19.87	19.81	19.68	20.7	0
3	QPSK	8	7	19.72	19.87	19.70		
3	QPSK	15	0	19.58	19.75	19.58		
3	16QAM	1	0	19.71	19.79	19.86		
3	16QAM	1	8	19.80	19.68	19.86	20.7	0
3	16QAM	1	14	19.74	19.76	19.77		
3	16QAM	8	0	19.80	19.75	19.81		
3	16QAM	8	4	19.87	19.76	19.94	20.7	0
3	16QAM	8	7	19.93	19.84	19.92		
3	16QAM	15	0	19.77	20.00	19.79		
3	64QAM	1	0	19.89	19.74	19.96		
3	64QAM	1	8	19.86	19.81	19.81	20.7	0
3	64QAM	1	14	19.80	19.96	19.87		
3	64QAM	8	0	19.94	19.85	19.86		
3	64QAM	8	4	19.81	19.81	19.76	20.7	0
3	64QAM	8	7	19.70	19.95	19.90		
3	64QAM	15	0	19.91	19.83	19.84		
3	256QAM	1	0	19.85	20.00	19.79		
3	256QAM	1	8	19.75	19.98	19.81	20.7	0
3	256QAM	1	14	19.91	19.94	19.93		
3	256QAM	8	0	19.76	19.96	19.91		
3	256QAM	8	4	19.80	19.85	19.85	20.7	0
3	256QAM	8	7	19.75	19.84	19.85		
3	256QAM	15	0	19.81	19.91	19.85		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.93	19.96	19.92		
1.4	QPSK	1	3	19.92	19.93	20.00		
1.4	QPSK	1	5	19.92	19.94	19.81	20.7	0
1.4	QPSK	3	0	19.71	19.95	19.83		
1.4	QPSK	3	1	19.86	19.80	19.82		
1.4	QPSK	3	3	19.79	19.80	19.71		
1.4	QPSK	6	0	19.69	19.74	19.54	20.7	0
1.4	16QAM	1	0	19.73	19.74	19.84		
1.4	16QAM	1	3	19.68	19.71	19.74		
1.4	16QAM	1	5	19.72	19.64	19.67	20.7	0
1.4	16QAM	3	0	19.76	19.86	19.71		
1.4	16QAM	3	1	19.87	19.76	19.98		
1.4	16QAM	3	3	19.95	19.77	19.91		
1.4	16QAM	6	0	19.76	19.85	19.82	20.7	0
1.4	64QAM	1	0	19.78	19.76	19.83		
1.4	64QAM	1	3	19.75	19.78	19.88		
1.4	64QAM	1	5	19.77	20.00	19.93	20.7	0
1.4	64QAM	3	0	19.88	19.91	19.82		
1.4	64QAM	3	1	19.74	19.79	19.78		
1.4	64QAM	3	3	19.83	19.85	19.99		
1.4	64QAM	6	0	19.84	19.91	19.84	20.7	0
1.4	256QAM	1	0	19.77	19.90	19.90		
1.4	256QAM	1	3	19.67	20.00	19.85		
1.4	256QAM	1	5	19.81	19.84	19.89	20.7	0
1.4	256QAM	3	0	19.89	19.98	19.92		
1.4	256QAM	3	1	19.66	19.84	19.78		
1.4	256QAM	3	3	19.86	19.79	19.88		
1.4	256QAM	6	0	19.73	19.86	19.92	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.18	22.43	22.33		
20	QPSK	1	49	22.30	22.24	22.21	23.5	0
20	QPSK	1	99	22.24	22.27	22.21		
20	QPSK	50	0	22.17	22.33	22.18		
20	QPSK	50	24	22.20	22.17	22.12	23.5	0
20	QPSK	50	50	22.04	22.21	22.11		
20	QPSK	100	0	21.94	22.12	21.85		
20	16QAM	1	0	22.08	22.15	22.13		
20	16QAM	1	49	22.14	22.05	22.17	23.5	0
20	16QAM	1	99	22.08	22.08	22.00		
20	16QAM	50	0	22.12	22.12	22.07		
20	16QAM	50	24	22.21	22.14	22.23	23.5	0
20	16QAM	50	50	22.26	22.14	22.26		
20	16QAM	100	0	22.00	22.24	22.18		
20	64QAM	1	0	22.09	22.17	22.20		
20	64QAM	1	49	22.14	22.20	22.17	23.5	0
20	64QAM	1	99	22.21	22.25	22.20		
20	64QAM	50	0	21.07	21.27	21.29		
20	64QAM	50	24	21.03	21.23	21.08	22.5	1
20	64QAM	50	50	21.13	21.19	21.16		
20	64QAM	100	0	21.16	21.38	21.33		
20	256QAM	1	0	19.09	19.24	18.95		
20	256QAM	1	49	19.05	19.14	19.02	20.5	3
20	256QAM	1	99	19.03	18.99	18.95		
20	256QAM	50	0	19.15	19.19	19.15		
20	256QAM	50	24	19.15	19.14	19.10	20.5	3
20	256QAM	50	50	19.16	19.26	19.02		
20	256QAM	100	0	19.16	19.31	19.16		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.20	22.30	22.13		
15	QPSK	1	37	22.17	22.16	22.20	23.5	0
15	QPSK	1	74	22.08	22.09	22.13		
15	QPSK	36	0	21.95	22.15	22.04		
15	QPSK	36	20	21.94	22.06	21.96	23.5	0
15	QPSK	36	39	21.98	22.08	22.03		
15	QPSK	75	0	21.84	21.96	21.78		
15	16QAM	1	0	21.92	21.95	22.03		
15	16QAM	1	37	21.93	21.96	22.04	23.5	0
15	16QAM	1	74	22.00	22.00	21.95		
15	16QAM	36	0	22.05	22.08	22.03		
15	16QAM	36	20	22.09	22.09	22.21	23.5	0
15	16QAM	36	39	22.10	21.99	22.15		
15	16QAM	75	0	22.02	22.11	22.08		
15	64QAM	1	0	22.02	22.00	22.17		
15	64QAM	1	37	22.04	22.09	22.18	23.5	0
15	64QAM	1	74	22.07	22.26	22.05		
15	64QAM	36	0	21.00	21.16	21.13		
15	64QAM	36	20	20.97	21.18	20.92	22.5	1
15	64QAM	36	39	21.08	21.06	21.07		
15	64QAM	75	0	21.02	21.26	21.17		
15	256QAM	1	0	18.94	19.16	18.77		
15	256QAM	1	37	18.95	19.08	18.86	20.5	3
15	256QAM	1	74	19.00	18.95	18.92		
15	256QAM	36	0	19.08	19.11	19.06		
15	256QAM	36	20	19.01	19.04	19.05	20.5	3
15	256QAM	36	39	19.11	19.18	18.97		
15	256QAM	75	0	19.10	19.24	19.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.09	22.19	22.20		
10	QPSK	1	25	22.25	22.20	22.09	23.5	0
10	QPSK	1	49	22.12	22.16	22.14		
10	QPSK	25	0	22.01	22.21	22.12		
10	QPSK	25	12	21.99	22.06	22.03	23.5	0
10	QPSK	25	25	22.07	22.08	21.96		
10	QPSK	50	0	21.85	22.08	21.89		
10	16QAM	1	0	21.91	22.02	21.99		
10	16QAM	1	25	21.89	21.95	22.07	23.5	0
10	16QAM	1	49	21.87	21.86	21.94		
10	16QAM	25	0	22.14	22.04	22.06		
10	16QAM	25	12	22.08	22.09	22.09	23.5	0
10	16QAM	25	25	22.15	22.01	22.05		
10	16QAM	50	0	22.05	22.23	22.07		
10	64QAM	1	0	22.10	22.03	22.17		
10	64QAM	1	25	22.08	22.03	22.12	23.5	0
10	64QAM	1	49	22.00	22.23	22.04		
10	64QAM	25	0	21.00	21.17	21.23		
10	64QAM	25	12	20.94	21.13	21.03	22.5	1
10	64QAM	25	25	21.07	21.15	21.01		
10	64QAM	50	0	20.96	21.31	21.19		
10	256QAM	1	0	18.96	19.13	18.81		
10	256QAM	1	25	18.98	18.96	18.95	20.5	3
10	256QAM	1	49	18.97	18.82	18.82		
10	256QAM	25	0	19.03	19.14	18.99		
10	256QAM	25	12	19.03	19.01	18.99	20.5	3
10	256QAM	25	25	19.06	19.15	18.91		
10	256QAM	50	0	18.99	19.19	19.13		
Channel				133142	133242	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.07	22.21	22.14		
5	QPSK	1	12	22.24	22.27	22.20	23.5	0
5	QPSK	1	24	22.14	22.14	22.02		
5	QPSK	12	0	22.05	22.20	22.06		
5	QPSK	12	7	21.95	22.00	21.92	23.5	0
5	QPSK	12	13	21.95	22.11	21.97		
5	QPSK	25	0	21.79	22.07	21.85		
5	16QAM	1	0	21.87	22.04	22.13		
5	16QAM	1	12	21.96	22.03	21.94	23.5	0
5	16QAM	1	24	22.02	21.92	21.94		
5	16QAM	12	0	22.04	22.04	22.08		
5	16QAM	12	7	22.11	22.06	22.14	23.5	0
5	16QAM	12	13	22.14	21.96	22.16		
5	16QAM	25	0	21.91	22.16	22.04		
5	64QAM	1	0	22.08	22.05	22.09		
5	64QAM	1	12	22.10	22.06	22.06	23.5	0
5	64QAM	1	24	21.99	22.11	22.07		
5	64QAM	12	0	21.03	21.10	21.23		
5	64QAM	12	7	20.85	21.15	20.96	22.5	1
5	64QAM	12	13	21.07	21.05	21.03		
5	64QAM	25	0	21.05	21.33	21.30		
5	256QAM	1	0	19.02	19.10	18.91		
5	256QAM	1	12	18.99	19.03	18.91	20.5	3
5	256QAM	1	24	18.96	18.82	18.87		
5	256QAM	12	0	19.04	19.02	19.07		
5	256QAM	12	7	19.09	19.04	18.92	20.5	3
5	256QAM	12	13	19.01	19.17	18.87		
5	256QAM	25	0	19.13	19.20	19.14		

GSM1900 EC1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.62	27.79	27.66	29.00	18.62	18.79	18.66	20.00
GPRS 1 Tx slot	27.61	27.77	27.65	29.00	18.61	18.77	18.65	20.00
GPRS 2 Tx slots	24.90	24.89	24.74	26.00	18.90	18.89	18.74	20.00
GPRS 3 Tx slots	22.95	22.93	22.97	24.20	18.69	18.67	18.71	19.94
GPRS 4 Tx slots	21.61	21.68	21.63	23.00	18.61	18.68	18.63	20.00
EDGE 1 Tx slot	26.03	26.03	26.11	27.50	17.03	17.03	17.11	18.50
EDGE 2 Tx slots	23.54	23.71	23.78	24.50	17.54	17.71	17.78	18.50
EDGE 3 Tx slots	20.67	21.09	21.33	22.70	16.61	16.83	17.07	18.44
EDGE 4 Tx slots	20.11	20.27	20.19	21.50	17.11	17.27	17.19	18.50

WCDMA II EC1

WCDMA IV EC1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.81	18.85	18.74	20.00	18.77	18.80	18.74	20.00
3GPP Rel 99	RMC 12.2Kbps	18.83	18.87	18.75	20.00	18.79	18.82	18.75	20.00
3GPP Rel 6	HSDPA Subtest-1	17.77	18.01	17.95	19.00	17.60	17.87	17.77	19.00
3GPP Rel 6	HSDPA Subtest-2	17.95	17.85	17.40	19.00	17.84	17.69	17.67	19.00
3GPP Rel 6	HSDPA Subtest-3	17.17	17.26	17.40	18.50	17.41	17.22	17.36	18.50
3GPP Rel 6	HSDPA Subtest-4	17.35	17.38	17.38	18.50	17.43	17.35	17.26	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.71	18.02	17.78	19.00	17.72	17.77	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.83	17.79	17.55	19.00	17.70	17.62	17.53	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.14	17.51	17.37	18.50	17.08	17.39	17.19	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.15	17.15	17.29	18.50	17.12	17.15	17.19	18.50
3GPP Rel 6	HSUPA Subtest-1	17.56	17.45	17.71	19.00	17.58	17.65	17.94	19.00
3GPP Rel 6	HSUPA Subtest-2	15.82	15.75	15.80	17.00	15.77	15.60	15.86	17.00
3GPP Rel 6	HSUPA Subtest-3	16.90	17.00	16.96	18.00	16.86	16.99	16.81	18.00
3GPP Rel 6	HSUPA Subtest-4	15.62	15.66	15.65	17.00	15.70	15.77	15.60	17.00
3GPP Rel 6	HSUPA Subtest-5	17.64	17.72	17.70	19.00	17.62	17.96	17.90	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.37	15.41	15.50	16.50	15.34	15.31	15.16	16.50

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.69	18.85	18.62	19.5	0
20	QPSK	1	49	18.72	18.66	18.64		
20	QPSK	1	99	18.70	18.63	18.63		
20	QPSK	50	0	18.49	18.65	18.61	19.5	0
20	QPSK	50	24	18.59	18.55	18.51		
20	QPSK	50	50	18.43	18.58	18.47		
20	QPSK	100	0	18.41	18.58	18.28		
20	16QAM	1	0	18.46	18.49	18.55	19.5	0
20	16QAM	1	49	18.49	18.42	18.56		
20	16QAM	1	99	18.40	18.44	18.49		
20	16QAM	50	0	18.52	18.53	18.57	19.5	0
20	16QAM	50	24	18.64	18.47	18.62		
20	16QAM	50	50	18.59	18.61	18.54		
20	16QAM	100	0	18.45	18.62	18.58		
20	64QAM	1	0	18.58	18.48	18.57	19.5	0
20	64QAM	1	49	18.57	18.58	18.62		
20	64QAM	1	99	18.61	18.75	18.56		
20	64QAM	50	0	18.57	18.61	18.53	19.5	0
20	64QAM	50	24	18.52	18.61	18.50		
20	64QAM	50	50	18.46	18.72	18.70		
20	64QAM	100	0	18.57	18.69	18.61		
20	256QAM	1	0	18.47	18.66	18.54	19.5	0
20	256QAM	1	49	18.54	18.77	18.51		
20	256QAM	1	99	18.62	18.62	18.59		
20	256QAM	50	0	18.53	18.59	18.63	19.5	0
20	256QAM	50	24	18.54	18.65	18.54		
20	256QAM	50	50	18.57	18.65	18.70		
20	256QAM	100	0	18.52	18.57	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.42	18.21	19.5	0
15	QPSK	1	37	18.34	18.38	18.27		
15	QPSK	1	74	18.30	18.19	18.14		
15	QPSK	36	0	18.13	18.29	18.20	19.5	0
15	QPSK	36	20	18.06	18.19	18.04		
15	QPSK	36	39	18.08	18.22	18.04		
15	QPSK	75	0	18.02	18.08	17.90		
15	16QAM	1	0	17.99	18.10	18.22	19.5	0
15	16QAM	1	37	18.16	18.05	18.12		
15	16QAM	1	74	18.08	18.07	18.13		
15	16QAM	36	0	18.18	18.17	18.16	19.5	0
15	16QAM	36	20	18.23	18.11	18.32		
15	16QAM	36	39	18.19	18.14	18.22		
15	16QAM	75	0	18.11	18.28	18.15		
15	64QAM	1	0	18.09	18.20	18.22	19.5	0
15	64QAM	1	37	18.09	18.13	18.28		
15	64QAM	1	74	18.23	18.24	18.23		
15	64QAM	36	0	18.22	18.28	18.22	19.5	0
15	64QAM	36	20	18.06	18.17	18.19		
15	64QAM	36	39	18.09	18.31	18.23		
15	64QAM	75	0	18.23	18.24	18.25		
15	256QAM	1	0	18.19	18.25	18.21	19.5	0
15	256QAM	1	37	18.03	18.29	18.19		
15	256QAM	1	74	18.29	18.26	18.13		
15	256QAM	36	0	18.23	18.24	18.25	19.5	0
15	256QAM	36	20	18.01	18.24	18.26		
15	256QAM	36	39	18.20	18.17	18.21		
15	256QAM	75	0	18.06	18.19	18.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.16	18.39	18.26	19.5	0
10	QPSK	1	25	18.25	18.27	18.29		
10	QPSK	1	49	18.29	18.19	18.18		
10	QPSK	25	0	18.16	18.31	18.20	19.5	0
10	QPSK	25	12	18.19	18.13	18.07		
10	QPSK	25	25	18.04	18.21	18.04		
10	QPSK	50	0	17.89	18.16	17.90		
10	16QAM	1	0	18.09	18.08	18.12	19.5	0
10	16QAM	1	25	18.05	18.09	18.15		
10	16QAM	1	49	18.07	18.07	18.04		
10	16QAM	25	0	18.11	18.07	18.12	19.5	0
10	16QAM	25	12	18.15	18.12	18.23		
10	16QAM	25	25	18.15	18.16	18.21		
10	16QAM	50	0	18.14	18.33	18.16		
10	64QAM	1	0	18.17	18.22	18.22	19.5	0
10	64QAM	1	25	18.11	18.12	18.25		
10	64QAM	1	49	18.23	18.29	18.17		
10	64QAM	25	0	18.24	18.22	18.15	19.5	0
10	64QAM	25	12	18.17	18.26	18.09		
10	64QAM	25	25	18.11	18.33	18.24		
10	64QAM	50	0	18.16	18.26	18.23		
10	256QAM	1	0	18.19	18.32	18.15	19.5	0
10	256QAM	1	25	18.03	18.26	18.24		
10	256QAM	1	49	18.26	18.15	18.17		
10	256QAM	25	0	18.24	18.29	18.17	19.5	0
10	256QAM	25	12	18.05	18.28	18.27		
10	256QAM	25	25	18.19	18.16	18.23		
10	256QAM	50	0	18.17	18.19	18.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.28	18.35	18.26	19.5	0
5	QPSK	1	12	18.30	18.28	18.35		
5	QPSK	1	24	18.20	18.26	18.23		
5	QPSK	12	0	18.09	18.27	18.08	19.5	0
5	QPSK	12	7	18.12	18.20	18.05		
5	QPSK	12	13	18.07	18.16	18.10		
5	QPSK	25	0	17.96	18.19	17.89		
5	16QAM	1	0	17.97	18.11	18.12	19.5	0
5	16QAM	1	12	18.08	18.09	18.17		
5	16QAM	1	24	18.06	18.02	18.13		
5	16QAM	12	0	18.20	18.05	18.12	19.5	0
5	16QAM	12	7	18.17	18.21	18.23		
5	16QAM	12	13	18.21	18.09	18.20		
5	16QAM	25	0	18.14	18.23	18.24		
5	64QAM	1	0	18.22	18.09	18.29	19.5	0
5	64QAM	1	12	18.06	18.08	18.25		
5	64QAM	1	24	18.25	18.28	18.20		
5	64QAM	12	0	18.13	18.22	18.09	19.5	0
5	64QAM	12	7	18.05	18.17	18.09		
5	64QAM	12	13	18.15	18.21	18.30		
5	64QAM	25	0	18.15	18.21	18.31		
5	256QAM	1	0	18.14	18.25	18.10	19.5	0
5	256QAM	1	12	18.00	18.33	18.14		
5	256QAM	1	24	18.21	18.14	18.19		
5	256QAM	12	0	18.18	18.31	18.19	19.5	0
5	256QAM	12	7	18.03	18.20	18.28		
5	256QAM	12	13	18.20	18.24	18.15		
5	256QAM	25	0	18.10	18.26	18.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.42	18.24	19.5	0
3	QPSK	1	8	18.27	18.37	18.26		
3	QPSK	1	14	18.26	18.22	18.21		
3	QPSK	8	0	18.15	18.24	18.16	19.5	0
3	QPSK	8	4	18.12	18.18	18.08		
3	QPSK	8	7	18.09	18.14	18.07		
3	QPSK	15	0	18.04	18.20	17.88		
3	16QAM	1	0	18.12	18.10	18.23	19.5	0
3	16QAM	1	8	18.12	18.08	18.06		
3	16QAM	1	14	17.97	18.00	18.15		
3	16QAM	8	0	18.23	18.07	18.16	19.5	0
3	16QAM	8	4	18.18	18.11	18.23		
3	16QAM	8	7	18.28	18.19	18.26		
3	16QAM	15	0	18.16	18.28	18.28		
3	64QAM	1	0	18.19	18.18	18.23	19.5	0
3	64QAM	1	8	18.18	18.11	18.21		
3	64QAM	1	14	18.09	18.28	18.12		
3	64QAM	8	0	18.26	18.25	18.11	19.5	0
3	64QAM	8	4	18.16	18.18	18.06		
3	64QAM	8	7	18.11	18.26	18.20		
3	64QAM	15	0	18.15	18.29	18.29		
3	256QAM	1	0	18.18	18.25	18.17	19.5	0
3	256QAM	1	8	18.08	18.34	18.11		
3	256QAM	1	14	18.24	18.13	18.23		
3	256QAM	8	0	18.09	18.20	18.18	19.5	0
3	256QAM	8	4	18.04	18.18	18.22		
3	256QAM	8	7	18.19	18.27	18.31		
3	256QAM	15	0	18.05	18.21	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.32	18.32	18.27	19.5	0
1.4	QPSK	1	3	18.34	18.37	18.21		
1.4	QPSK	1	5	18.26	18.20	18.17		
1.4	QPSK	3	0	18.15	18.24	18.11		
1.4	QPSK	3	1	18.19	18.12	18.03		
1.4	QPSK	3	3	18.04	18.11	18.10		
1.4	QPSK	6	0	17.93	18.05	17.87	19.5	0
1.4	16QAM	1	0	18.04	18.19	18.19	19.5	0
1.4	16QAM	1	3	18.07	17.99	18.16		
1.4	16QAM	1	5	18.04	18.10	18.13		
1.4	16QAM	3	0	18.21	18.08	18.05		
1.4	16QAM	3	1	18.24	18.14	18.18		
1.4	16QAM	3	3	18.15	18.10	18.15		
1.4	16QAM	6	0	18.08	18.21	18.24	19.5	0
1.4	64QAM	1	0	18.21	18.13	18.25	19.5	0
1.4	64QAM	1	3	18.07	18.12	18.26		
1.4	64QAM	1	5	18.20	18.21	18.20		
1.4	64QAM	3	0	18.27	18.19	18.11		
1.4	64QAM	3	1	18.14	18.17	18.18		
1.4	64QAM	3	3	18.05	18.27	18.31		
1.4	64QAM	6	0	18.20	18.18	18.28	19.5	0
1.4	256QAM	1	0	18.17	18.24	18.13	19.5	0
1.4	256QAM	1	3	18.09	18.35	18.12		
1.4	256QAM	1	5	18.20	18.25	18.25		
1.4	256QAM	3	0	18.12	18.32	18.25		
1.4	256QAM	3	1	18.07	18.15	18.25		
1.4	256QAM	3	3	18.17	18.13	18.17		
1.4	256QAM	6	0	18.07	18.25	18.25	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.65	18.79	18.63	19.2	0
20	QPSK	1	49	18.71	18.74	18.64		
20	QPSK	1	99	18.61	18.71	18.66		
20	QPSK	50	0	18.43	18.69	18.60	19.2	0
20	QPSK	50	24	18.58	18.50	18.54		
20	QPSK	50	50	18.54	18.61	18.38		
20	QPSK	100	0	18.42	18.53	18.28		
20	16QAM	1	0	18.46	18.43	18.49	19.2	0
20	16QAM	1	49	18.48	18.52	18.52		
20	16QAM	1	99	18.37	18.43	18.44		
20	16QAM	50	0	18.52	18.46	18.56	19.2	0
20	16QAM	50	24	18.62	18.54	18.65		
20	16QAM	50	50	18.66	18.59	18.55		
20	16QAM	100	0	18.44	18.72	18.52		
20	64QAM	1	0	18.60	18.52	18.63	19.2	0
20	64QAM	1	49	18.57	18.57	18.66		
20	64QAM	1	99	18.48	18.71	18.52		
20	64QAM	50	0	18.59	18.56	18.53	19.2	0
20	64QAM	50	24	18.58	18.58	18.48		
20	64QAM	50	50	18.51	18.61	18.67		
20	64QAM	100	0	18.54	18.65	18.54		
20	256QAM	1	0	18.53	18.70	18.61	19.2	0
20	256QAM	1	49	18.40	18.77	18.57		
20	256QAM	1	99	18.64	18.64	18.64		
20	256QAM	50	0	18.59	18.71	18.49	19.2	0
20	256QAM	50	24	18.42	18.59	18.62		
20	256QAM	50	50	18.54	18.52	18.65		
20	256QAM	100	0	18.47	18.59	18.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.63	18.55	19.2	0
15	QPSK	1	37	18.63	18.60	18.60		
15	QPSK	1	74	18.51	18.59	18.48		
15	QPSK	36	0	18.36	18.55	18.41	19.2	0
15	QPSK	36	20	18.48	18.37	18.43		
15	QPSK	36	39	18.46	18.41	18.27		
15	QPSK	75	0	18.22	18.44	18.18		
15	16QAM	1	0	18.38	18.34	18.48	19.2	0
15	16QAM	1	37	18.32	18.34	18.44		
15	16QAM	1	74	18.30	18.37	18.37		
15	16QAM	36	0	18.51	18.35	18.37	19.2	0
15	16QAM	36	20	18.44	18.43	18.49		
15	16QAM	36	39	18.47	18.45	18.46		
15	16QAM	75	0	18.35	18.58	18.45		
15	64QAM	1	0	18.50	18.46	18.54	19.2	0
15	64QAM	1	37	18.35	18.36	18.49		
15	64QAM	1	74	18.48	18.49	18.46		
15	64QAM	36	0	18.47	18.58	18.48	19.2	0
15	64QAM	36	20	18.35	18.40	18.35		
15	64QAM	36	39	18.36	18.47	18.55		
15	64QAM	75	0	18.41	18.46	18.45		
15	256QAM	1	0	18.44	18.56	18.38	19.2	0
15	256QAM	1	37	18.39	18.67	18.47		
15	256QAM	1	74	18.44	18.43	18.41		
15	256QAM	36	0	18.48	18.53	18.43	19.2	0
15	256QAM	36	20	18.41	18.42	18.53		
15	256QAM	36	39	18.49	18.48	18.58		
15	256QAM	75	0	18.33	18.47	18.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.48	18.68	18.56	19.2	0
10	QPSK	1	25	18.50	18.63	18.63		
10	QPSK	1	49	18.46	18.46	18.54		
10	QPSK	25	0	18.34	18.48	18.35	19.2	0
10	QPSK	25	12	18.35	18.43	18.34		
10	QPSK	25	25	18.42	18.47	18.30		
10	QPSK	50	0	18.22	18.43	18.28		
10	16QAM	1	0	18.33	18.41	18.44	19.2	0
10	16QAM	1	25	18.39	18.38	18.42		
10	16QAM	1	49	18.32	18.39	18.32		
10	16QAM	25	0	18.45	18.45	18.36	19.2	0
10	16QAM	25	12	18.50	18.41	18.52		
10	16QAM	25	25	18.47	18.40	18.48		
10	16QAM	50	0	18.34	18.47	18.52		
10	64QAM	1	0	18.48	18.46	18.44	19.2	0
10	64QAM	1	25	18.34	18.36	18.51		
10	64QAM	1	49	18.51	18.57	18.55		
10	64QAM	25	0	18.55	18.51	18.41	19.2	0
10	64QAM	25	12	18.46	18.40	18.35		
10	64QAM	25	25	18.33	18.56	18.49		
10	64QAM	50	0	18.50	18.56	18.54		
10	256QAM	1	0	18.49	18.57	18.46	19.2	0
10	256QAM	1	25	18.28	18.59	18.41		
10	256QAM	1	49	18.59	18.48	18.51		
10	256QAM	25	0	18.50	18.52	18.48	19.2	0
10	256QAM	25	12	18.37	18.56	18.43		
10	256QAM	25	25	18.43	18.49	18.48		
10	256QAM	50	0	18.43	18.44	18.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.47	18.63	18.58	19.2	0
5	QPSK	1	12	18.56	18.62	18.63		
5	QPSK	1	24	18.47	18.59	18.54		
5	QPSK	12	0	18.36	18.53	18.37	19.2	0
5	QPSK	12	7	18.39	18.37	18.42		
5	QPSK	12	13	18.43	18.43	18.31		
5	QPSK	25	0	18.23	18.35	18.24		
5	16QAM	1	0	18.27	18.35	18.46	19.2	0
5	16QAM	1	12	18.44	18.30	18.33		
5	16QAM	1	24	18.26	18.36	18.32		
5	16QAM	12	0	18.45	18.37	18.43	19.2	0
5	16QAM	12	7	18.51	18.49	18.49		
5	16QAM	12	13	18.42	18.47	18.48		
5	16QAM	25	0	18.33	18.49	18.54		
5	64QAM	1	0	18.48	18.50	18.56	19.2	0
5	64QAM	1	12	18.41	18.49	18.46		
5	64QAM	1	24	18.41	18.55	18.47		
5	64QAM	12	0	18.43	18.44	18.43	19.2	0
5	64QAM	12	7	18.42	18.48	18.38		
5	64QAM	12	13	18.41	18.47	18.56		
5	64QAM	25	0	18.48	18.46	18.44		
5	256QAM	1	0	18.38	18.51	18.48	19.2	0
5	256QAM	1	12	18.34	18.70	18.50		
5	256QAM	1	24	18.50	18.43	18.50		
5	256QAM	12	0	18.39	18.63	18.46	19.2	0
5	256QAM	12	7	18.39	18.50	18.55		
5	256QAM	12	13	18.48	18.41	18.52		
5	256QAM	25	0	18.43	18.55	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.44	18.63	18.63	19.2	0
3	QPSK	1	8	18.62	18.60	18.60		
3	QPSK	1	14	18.57	18.60	18.43		
3	QPSK	8	0	18.43	18.55	18.48	19.2	0
3	QPSK	8	4	18.43	18.45	18.38		
3	QPSK	8	7	18.41	18.49	18.39		
3	QPSK	15	0	18.29	18.35	18.19		
3	16QAM	1	0	18.31	18.32	18.49	19.2	0
3	16QAM	1	8	18.39	18.38	18.39		
3	16QAM	1	14	18.41	18.28	18.38		
3	16QAM	8	0	18.40	18.39	18.38	19.2	0
3	16QAM	8	4	18.50	18.38	18.51		
3	16QAM	8	7	18.54	18.49	18.52		
3	16QAM	15	0	18.30	18.61	18.43		
3	64QAM	1	0	18.44	18.40	18.58	19.2	0
3	64QAM	1	8	18.47	18.36	18.45		
3	64QAM	1	14	18.49	18.55	18.46		
3	64QAM	8	0	18.51	18.52	18.41	19.2	0
3	64QAM	8	4	18.45	18.44	18.36		
3	64QAM	8	7	18.39	18.61	18.54		
3	64QAM	15	0	18.44	18.46	18.59		
3	256QAM	1	0	18.44	18.60	18.52	19.2	0
3	256QAM	1	8	18.28	18.57	18.37		
3	256QAM	1	14	18.44	18.42	18.46		
3	256QAM	8	0	18.43	18.60	18.48	19.2	0
3	256QAM	8	4	18.34	18.49	18.46		
3	256QAM	8	7	18.46	18.44	18.58		
3	256QAM	15	0	18.35	18.50	18.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.52	18.64	18.61	19.2	0
1.4	QPSK	1	3	18.64	18.55	18.61		
1.4	QPSK	1	5	18.43	18.58	18.44		
1.4	QPSK	3	0	18.30	18.64	18.47		
1.4	QPSK	3	1	18.40	18.46	18.44		
1.4	QPSK	3	3	18.40	18.48	18.37		
1.4	QPSK	6	0	18.17	18.42	18.26	19.2	0
1.4	16QAM	1	0	18.34	18.34	18.37	19.2	0
1.4	16QAM	1	3	18.43	18.32	18.48		
1.4	16QAM	1	5	18.31	18.27	18.33		
1.4	16QAM	3	0	18.51	18.33	18.38		
1.4	16QAM	3	1	18.41	18.39	18.59		
1.4	16QAM	3	3	18.52	18.50	18.54		
1.4	16QAM	6	0	18.41	18.58	18.53	19.2	0
1.4	64QAM	1	0	18.43	18.37	18.51	19.2	0
1.4	64QAM	1	3	18.41	18.40	18.44		
1.4	64QAM	1	5	18.41	18.49	18.44		
1.4	64QAM	3	0	18.43	18.48	18.46		
1.4	64QAM	3	1	18.37	18.43	18.41		
1.4	64QAM	3	3	18.34	18.54	18.63		
1.4	64QAM	6	0	18.50	18.46	18.47	19.2	0
1.4	256QAM	1	0	18.49	18.56	18.38	19.2	0
1.4	256QAM	1	3	18.38	18.65	18.47		
1.4	256QAM	1	5	18.59	18.44	18.39		
1.4	256QAM	3	0	18.37	18.52	18.44		
1.4	256QAM	3	1	18.37	18.49	18.42		
1.4	256QAM	3	3	18.40	18.54	18.44		
1.4	256QAM	6	0	18.34	18.52	18.54	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.78	17.99	17.88	18.7	0
20	QPSK	1	49	17.87	17.93	17.85		
20	QPSK	1	99	17.76	17.90	17.73		
20	QPSK	50	0	17.64	17.90	17.74	18.7	0
20	QPSK	50	24	17.69	17.81	17.77		
20	QPSK	50	50	17.68	17.77	17.59		
20	QPSK	100	0	17.59	17.66	17.50		
20	16QAM	1	0	17.58	17.66	17.68	18.7	0
20	16QAM	1	49	17.74	17.57	17.66		
20	16QAM	1	99	17.58	17.64	17.69		
20	16QAM	50	0	17.71	17.76	17.69	18.7	0
20	16QAM	50	24	17.86	17.73	17.85		
20	16QAM	50	50	17.88	17.68	17.80		
20	16QAM	100	0	17.66	17.79	17.80		
20	64QAM	1	0	17.76	17.74	17.79	18.7	0
20	64QAM	1	49	17.78	17.72	17.75		
20	64QAM	1	99	17.72	17.83	17.85		
20	64QAM	50	0	17.85	17.88	17.80	18.7	0
20	64QAM	50	24	17.75	17.73	17.70		
20	64QAM	50	50	17.75	17.93	17.94		
20	64QAM	100	0	17.76	17.75	17.78		
20	256QAM	1	0	17.72	17.90	17.69	18.7	0
20	256QAM	1	49	17.63	17.93	17.82		
20	256QAM	1	99	17.76	17.85	17.71		
20	256QAM	50	0	17.74	17.87	17.83	18.7	0
20	256QAM	50	24	17.65	17.83	17.74		
20	256QAM	50	50	17.75	17.85	17.87		
20	256QAM	100	0	17.74	17.79	17.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.74	17.94	17.77	18.7	0
15	QPSK	1	37	17.80	17.85	17.74		
15	QPSK	1	74	17.66	17.69	17.66		
15	QPSK	36	0	17.58	17.72	17.72	18.7	0
15	QPSK	36	20	17.59	17.64	17.55		
15	QPSK	36	39	17.61	17.60	17.54		
15	QPSK	75	0	17.50	17.57	17.39		
15	16QAM	1	0	17.48	17.53	17.66	18.7	0
15	16QAM	1	37	17.61	17.48	17.64		
15	16QAM	1	74	17.54	17.55	17.65		
15	16QAM	36	0	17.60	17.58	17.59	18.7	0
15	16QAM	36	20	17.69	17.70	17.68		
15	16QAM	36	39	17.71	17.72	17.66		
15	16QAM	75	0	17.61	17.84	17.72		
15	64QAM	1	0	17.64	17.63	17.66	18.7	0
15	64QAM	1	37	17.58	17.55	17.66		
15	64QAM	1	74	17.64	17.85	17.66		
15	64QAM	36	0	17.68	17.73	17.72	18.7	0
15	64QAM	36	20	17.53	17.70	17.59		
15	64QAM	36	39	17.54	17.70	17.74		
15	64QAM	75	0	17.72	17.63	17.76		
15	256QAM	1	0	17.60	17.75	17.73	18.7	0
15	256QAM	1	37	17.63	17.76	17.68		
15	256QAM	1	74	17.80	17.64	17.62		
15	256QAM	36	0	17.68	17.79	17.76	18.7	0
15	256QAM	36	20	17.54	17.68	17.64		
15	256QAM	36	39	17.68	17.70	17.77		
15	256QAM	75	0	17.68	17.64	17.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.80	17.90	17.74	18.7	0
10	QPSK	1	25	17.75	17.75	17.77		
10	QPSK	1	49	17.68	17.68	17.72		
10	QPSK	25	0	17.55	17.78	17.71	18.7	0
10	QPSK	25	12	17.56	17.67	17.65		
10	QPSK	25	25	17.61	17.64	17.58		
10	QPSK	50	0	17.47	17.58	17.50		
10	16QAM	1	0	17.55	17.58	17.61	18.7	0
10	16QAM	1	25	17.55	17.57	17.62		
10	16QAM	1	49	17.47	17.57	17.54		
10	16QAM	25	0	17.59	17.59	17.63	18.7	0
10	16QAM	25	12	17.66	17.67	17.74		
10	16QAM	25	25	17.68	17.57	17.63		
10	16QAM	50	0	17.52	17.71	17.72		
10	64QAM	1	0	17.66	17.71	17.69	18.7	0
10	64QAM	1	25	17.57	17.66	17.77		
10	64QAM	1	49	17.73	17.85	17.66		
10	64QAM	25	0	17.67	17.66	17.62	18.7	0
10	64QAM	25	12	17.60	17.64	17.53		
10	64QAM	25	25	17.56	17.73	17.72		
10	64QAM	50	0	17.74	17.73	17.77		
10	256QAM	1	0	17.64	17.78	17.64	18.7	0
10	256QAM	1	25	17.53	17.77	17.66		
10	256QAM	1	49	17.69	17.74	17.65		
10	256QAM	25	0	17.64	17.74	17.73	18.7	0
10	256QAM	25	12	17.63	17.77	17.76		
10	256QAM	25	25	17.65	17.74	17.77		
10	256QAM	50	0	17.56	17.71	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.79	17.85	17.83	18.7	0
5	QPSK	1	12	17.84	17.85	17.70		
5	QPSK	1	24	17.79	17.67	17.72		
5	QPSK	12	0	17.60	17.82	17.65	18.7	0
5	QPSK	12	7	17.65	17.58	17.66		
5	QPSK	12	13	17.54	17.62	17.52		
5	QPSK	25	0	17.43	17.64	17.40		
5	16QAM	1	0	17.48	17.57	17.73	18.7	0
5	16QAM	1	12	17.65	17.63	17.61		
5	16QAM	1	24	17.46	17.49	17.57		
5	16QAM	12	0	17.67	17.60	17.60	18.7	0
5	16QAM	12	7	17.72	17.68	17.81		
5	16QAM	12	13	17.73	17.57	17.61		
5	16QAM	25	0	17.56	17.74	17.70		
5	64QAM	1	0	17.69	17.62	17.76	18.7	0
5	64QAM	1	12	17.63	17.56	17.78		
5	64QAM	1	24	17.68	17.79	17.69		
5	64QAM	12	0	17.62	17.76	17.59	18.7	0
5	64QAM	12	7	17.60	17.72	17.55		
5	64QAM	12	13	17.57	17.80	17.73		
5	64QAM	25	0	17.75	17.68	17.73		
5	256QAM	1	0	17.64	17.77	17.64	18.7	0
5	256QAM	1	12	17.63	17.87	17.59		
5	256QAM	1	24	17.77	17.66	17.65		
5	256QAM	12	0	17.59	17.70	17.69	18.7	0
5	256QAM	12	7	17.57	17.70	17.63		
5	256QAM	12	13	17.57	17.66	17.70		
5	256QAM	25	0	17.68	17.65	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.98	19.16	19.06	20	0
20	QPSK	1	49	19.02	19.09	19.06		
20	QPSK	1	99	18.97	18.94	19.00		
20	QPSK	50	0	18.80	19.07	18.94	20	0
20	QPSK	50	24	18.92	18.92	18.79		
20	QPSK	50	50	18.85	18.83	18.84		
20	QPSK	100	0	18.75	18.92	18.68		
20	16QAM	1	0	18.87	18.79	18.94	20	0
20	16QAM	1	49	18.76	18.85	18.88		
20	16QAM	1	99	18.85	18.74	18.83		
20	16QAM	50	0	18.96	18.92	18.87	20	0
20	16QAM	50	24	18.96	18.83	19.04		
20	16QAM	50	50	18.87	18.92	18.91		
20	16QAM	100	0	18.87	19.04	18.96		
20	64QAM	1	0	18.87	18.92	18.92	20	0
20	64QAM	1	49	18.93	18.95	18.96		
20	64QAM	1	99	18.94	19.06	18.98		
20	64QAM	50	0	18.90	18.95	18.83	20	0
20	64QAM	50	24	18.93	18.99	18.78		
20	64QAM	50	50	18.81	18.96	19.10		
20	64QAM	100	0	18.93	18.97	19.01		
20	256QAM	1	0	18.85	18.98	18.83	20	0
20	256QAM	1	49	18.73	19.06	18.90		
20	256QAM	1	99	19.03	18.88	18.99		
20	256QAM	50	0	18.84	19.01	18.91	20	0
20	256QAM	50	24	18.73	18.99	19.00		
20	256QAM	50	50	18.94	18.91	19.03		
20	256QAM	100	0	18.92	19.01	18.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.86	18.98	18.94	20	0
15	QPSK	1	37	18.87	18.94	18.86		
15	QPSK	1	74	18.89	18.96	18.77		
15	QPSK	36	0	18.82	18.85	18.76	20	0
15	QPSK	36	20	18.74	18.76	18.71		
15	QPSK	36	39	18.77	18.88	18.70		
15	QPSK	75	0	18.64	18.77	18.63		
15	16QAM	1	0	18.63	18.79	18.81	20	0
15	16QAM	1	37	18.73	18.63	18.70		
15	16QAM	1	74	18.72	18.69	18.66		
15	16QAM	36	0	18.88	18.81	18.82	20	0
15	16QAM	36	20	18.79	18.75	18.97		
15	16QAM	36	39	18.82	18.82	18.91		
15	16QAM	75	0	18.66	18.90	18.80		
15	64QAM	1	0	18.75	18.86	18.82	20	0
15	64QAM	1	37	18.83	18.75	18.80		
15	64QAM	1	74	18.89	18.95	18.77		
15	64QAM	36	0	18.82	18.83	18.73	20	0
15	64QAM	36	20	18.83	18.87	18.71		
15	64QAM	36	39	18.68	18.84	18.86		
15	64QAM	75	0	18.75	18.87	18.92		
15	256QAM	1	0	18.73	18.89	18.87	20	0
15	256QAM	1	37	18.63	18.91	18.85		
15	256QAM	1	74	18.84	18.93	18.76		
15	256QAM	36	0	18.78	18.99	18.82	20	0
15	256QAM	36	20	18.64	18.91	18.83		
15	256QAM	36	39	18.84	18.87	18.88		
15	256QAM	75	0	18.73	18.78	18.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.96	18.97	18.87	20	0
10	QPSK	1	25	18.96	19.00	18.87		
10	QPSK	1	49	18.93	18.92	18.79		
10	QPSK	25	0	18.66	18.88	18.84	20	0
10	QPSK	25	12	18.79	18.79	18.81		
10	QPSK	25	25	18.75	18.80	18.79		
10	QPSK	50	0	18.60	18.72	18.65		
10	16QAM	1	0	18.64	18.79	18.83	20	0
10	16QAM	1	25	18.72	18.71	18.82		
10	16QAM	1	49	18.64	18.70	18.70		
10	16QAM	25	0	18.81	18.75	18.72	20	0
10	16QAM	25	12	18.90	18.77	18.93		
10	16QAM	25	25	18.91	18.73	18.89		
10	16QAM	50	0	18.77	18.86	18.85		
10	64QAM	1	0	18.81	18.74	18.85	20	0
10	64QAM	1	25	18.69	18.77	18.88		
10	64QAM	1	49	18.87	18.99	18.84		
10	64QAM	25	0	18.88	18.85	18.83	20	0
10	64QAM	25	12	18.81	18.79	18.70		
10	64QAM	25	25	18.80	18.85	18.95		
10	64QAM	50	0	18.86	18.86	18.83		
10	256QAM	1	0	18.84	18.94	18.77	20	0
10	256QAM	1	25	18.78	18.97	18.87		
10	256QAM	1	49	18.82	18.87	18.84		
10	256QAM	25	0	18.77	18.89	18.81	20	0
10	256QAM	25	12	18.77	18.90	18.79		
10	256QAM	25	25	18.71	18.86	18.93		
10	256QAM	50	0	18.71	18.88	18.83		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.83	18.94	18.97	20	0
5	QPSK	1	12	18.99	18.91	18.90		
5	QPSK	1	24	18.80	18.90	18.93		
5	QPSK	12	0	18.78	18.97	18.87	20	0
5	QPSK	12	7	18.78	18.83	18.67		
5	QPSK	12	13	18.72	18.81	18.64		
5	QPSK	25	0	18.57	18.82	18.65		
5	16QAM	1	0	18.72	18.73	18.78	20	0
5	16QAM	1	12	18.76	18.73	18.79		
5	16QAM	1	24	18.72	18.67	18.65		
5	16QAM	12	0	18.81	18.72	18.69	20	0
5	16QAM	12	7	18.78	18.83	18.83		
5	16QAM	12	13	18.82	18.79	18.88		
5	16QAM	25	0	18.80	18.93	18.91		
5	64QAM	1	0	18.73	18.78	18.90	20	0
5	64QAM	1	12	18.77	18.83	18.82		
5	64QAM	1	24	18.82	18.98	18.77		
5	64QAM	12	0	18.89	18.89	18.79	20	0
5	64QAM	12	7	18.76	18.77	18.80		
5	64QAM	12	13	18.71	18.94	18.98		
5	64QAM	25	0	18.83	18.82	18.82		
5	256QAM	1	0	18.81	18.93	18.83	20	0
5	256QAM	1	12	18.68	19.00	18.79		
5	256QAM	1	24	18.82	18.81	18.90		
5	256QAM	12	0	18.77	18.95	18.86	20	0
5	256QAM	12	7	18.72	18.87	18.76		
5	256QAM	12	13	18.70	18.78	18.80		
5	256QAM	25	0	18.75	18.79	18.88		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.93	19.00	18.96	20	0
3	QPSK	1	8	18.95	18.88	18.88		
3	QPSK	1	14	18.81	18.83	18.93		
3	QPSK	8	0	18.75	18.86	18.84	20	0
3	QPSK	8	4	18.75	18.77	18.73		
3	QPSK	8	7	18.79	18.87	18.67		
3	QPSK	15	0	18.54	18.78	18.63		
3	16QAM	1	0	18.69	18.72	18.82	20	0
3	16QAM	1	8	18.66	18.69	18.76		
3	16QAM	1	14	18.73	18.62	18.70		
3	16QAM	8	0	18.85	18.69	18.78	20	0
3	16QAM	8	4	18.91	18.78	18.88		
3	16QAM	8	7	18.91	18.71	18.76		
3	16QAM	15	0	18.67	18.93	18.80		
3	64QAM	1	0	18.71	18.80	18.87	20	0
3	64QAM	1	8	18.70	18.83	18.90		
3	64QAM	1	14	18.82	18.87	18.82		
3	64QAM	8	0	18.84	18.87	18.80	20	0
3	64QAM	8	4	18.83	18.76	18.75		
3	64QAM	8	7	18.79	18.92	18.95		
3	64QAM	15	0	18.75	18.91	18.87		
3	256QAM	1	0	18.83	18.99	18.79	20	0
3	256QAM	1	8	18.79	18.95	18.81		
3	256QAM	1	14	18.86	18.81	18.87		
3	256QAM	8	0	18.78	18.95	18.89	20	0
3	256QAM	8	4	18.73	18.85	18.89		
3	256QAM	8	7	18.77	18.76	18.91		
3	256QAM	15	0	18.82	18.89	18.88		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.96	18.97	18.96	20	0
1.4	QPSK	1	3	18.93	19.03	18.97		
1.4	QPSK	1	5	18.82	18.86	18.83		
1.4	QPSK	3	0	18.81	18.86	18.85		
1.4	QPSK	3	1	18.73	18.73	18.71		
1.4	QPSK	3	3	18.75	18.79	18.75		
1.4	QPSK	6	0	18.60	18.78	18.53	20	0
1.4	16QAM	1	0	18.66	18.75	18.88	20	0
1.4	16QAM	1	3	18.65	18.77	18.73		
1.4	16QAM	1	5	18.69	18.70	18.71		
1.4	16QAM	3	0	18.78	18.74	18.83		
1.4	16QAM	3	1	18.81	18.72	18.91		
1.4	16QAM	3	3	18.82	18.84	18.86		
1.4	16QAM	6	0	18.80	18.84	18.79	20	0
1.4	64QAM	1	0	18.86	18.84	18.94	20	0
1.4	64QAM	1	3	18.69	18.83	18.82		
1.4	64QAM	1	5	18.87	18.93	18.88		
1.4	64QAM	3	0	18.90	18.84	18.72		
1.4	64QAM	3	1	18.78	18.81	18.67		
1.4	64QAM	3	3	18.76	18.92	18.90		
1.4	64QAM	6	0	18.80	18.83	18.94	20	0
1.4	256QAM	1	0	18.73	18.98	18.72	20	0
1.4	256QAM	1	3	18.66	18.94	18.77		
1.4	256QAM	1	5	18.83	18.79	18.91		
1.4	256QAM	3	0	18.81	18.87	18.87		
1.4	256QAM	3	1	18.68	18.81	18.77		
1.4	256QAM	3	3	18.75	18.82	18.86		
1.4	256QAM	6	0	18.73	18.81	18.76	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.99	19.09	18.90	19.7	0
20	QPSK	1	49	18.92	19.01	19.02		
20	QPSK	1	99	18.98	18.87	18.84		
20	QPSK	50	0	18.76	19.03	18.84	19.7	0
20	QPSK	50	24	18.77	18.76	18.73		
20	QPSK	50	50	18.84	18.90	18.74		
20	QPSK	100	0	18.58	18.76	18.55		
20	16QAM	1	0	18.74	18.82	18.81	19.7	0
20	16QAM	1	49	18.82	18.68	18.84		
20	16QAM	1	99	18.69	18.65	18.79		
20	16QAM	50	0	18.93	18.76	18.72	19.7	0
20	16QAM	50	24	18.92	18.90	18.94		
20	16QAM	50	50	18.91	18.78	18.93		
20	16QAM	100	0	18.84	18.98	18.83		
20	64QAM	1	0	18.82	18.78	18.94	19.7	0
20	64QAM	1	49	18.84	18.75	18.95		
20	64QAM	1	99	18.88	18.91	18.93		
20	64QAM	50	0	18.82	18.91	18.90	19.7	0
20	64QAM	50	24	18.82	18.91	18.84		
20	64QAM	50	50	18.81	18.91	19.01		
20	64QAM	100	0	18.93	18.88	18.89		
20	256QAM	1	0	18.76	18.98	18.85	19.7	0
20	256QAM	1	49	18.81	19.06	18.86		
20	256QAM	1	99	18.88	18.91	18.94		
20	256QAM	50	0	18.79	18.97	18.88	19.7	0
20	256QAM	50	24	18.68	18.82	18.91		
20	256QAM	50	50	18.78	18.87	18.93		
20	256QAM	100	0	18.85	18.89	18.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.81	19.00	18.93	19.7	0
15	QPSK	1	37	18.83	18.83	18.88		
15	QPSK	1	74	18.89	18.91	18.71		
15	QPSK	36	0	18.62	18.93	18.74	19.7	0
15	QPSK	36	20	18.72	18.70	18.75		
15	QPSK	36	39	18.70	18.81	18.67		
15	QPSK	75	0	18.48	18.75	18.45		
15	16QAM	1	0	18.70	18.64	18.79	19.7	0
15	16QAM	1	37	18.64	18.65	18.72		
15	16QAM	1	74	18.68	18.61	18.61		
15	16QAM	36	0	18.81	18.74	18.70	19.7	0
15	16QAM	36	20	18.84	18.68	18.76		
15	16QAM	36	39	18.74	18.68	18.74		
15	16QAM	75	0	18.72	18.86	18.79		
15	64QAM	1	0	18.67	18.75	18.88	19.7	0
15	64QAM	1	37	18.72	18.74	18.88		
15	64QAM	1	74	18.76	18.92	18.80		
15	64QAM	36	0	18.70	18.82	18.75	19.7	0
15	64QAM	36	20	18.71	18.84	18.69		
15	64QAM	36	39	18.66	18.82	18.89		
15	64QAM	75	0	18.82	18.73	18.83		
15	256QAM	1	0	18.67	18.88	18.71	19.7	0
15	256QAM	1	37	18.70	18.97	18.74		
15	256QAM	1	74	18.80	18.81	18.83		
15	256QAM	36	0	18.77	18.91	18.73	19.7	0
15	256QAM	36	20	18.62	18.73	18.75		
15	256QAM	36	39	18.76	18.79	18.88		
15	256QAM	75	0	18.66	18.78	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.76	18.93	18.79	19.7	0
10	QPSK	1	25	18.92	18.82	18.86		
10	QPSK	1	49	18.84	18.81	18.76		
10	QPSK	25	0	18.72	18.89	18.79	19.7	0
10	QPSK	25	12	18.69	18.77	18.64		
10	QPSK	25	25	18.76	18.79	18.72		
10	QPSK	50	0	18.60	18.65	18.57		
10	16QAM	1	0	18.56	18.63	18.74	19.7	0
10	16QAM	1	25	18.73	18.58	18.68		
10	16QAM	1	49	18.60	18.66	18.61		
10	16QAM	25	0	18.80	18.75	18.71	19.7	0
10	16QAM	25	12	18.84	18.71	18.82		
10	16QAM	25	25	18.81	18.69	18.83		
10	16QAM	50	0	18.66	18.90	18.83		
10	64QAM	1	0	18.79	18.78	18.83	19.7	0
10	64QAM	1	25	18.68	18.80	18.83		
10	64QAM	1	49	18.75	18.84	18.76		
10	64QAM	25	0	18.71	18.76	18.76	19.7	0
10	64QAM	25	12	18.65	18.71	18.64		
10	64QAM	25	25	18.69	18.83	18.83		
10	64QAM	50	0	18.69	18.74	18.88		
10	256QAM	1	0	18.66	18.94	18.73	19.7	0
10	256QAM	1	25	18.65	18.97	18.75		
10	256QAM	1	49	18.86	18.81	18.69		
10	256QAM	25	0	18.75	18.93	18.75	19.7	0
10	256QAM	25	12	18.64	18.84	18.81		
10	256QAM	25	25	18.73	18.72	18.89		
10	256QAM	50	0	18.74	18.81	18.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.84	18.90	18.78	19.7	0
5	QPSK	1	12	18.79	18.94	18.85		
5	QPSK	1	24	18.87	18.87	18.76		
5	QPSK	12	0	18.61	18.88	18.70	19.7	0
5	QPSK	12	7	18.64	18.74	18.66		
5	QPSK	12	13	18.67	18.74	18.64		
5	QPSK	25	0	18.57	18.73	18.48		
5	16QAM	1	0	18.63	18.77	18.73	19.7	0
5	16QAM	1	12	18.59	18.65	18.78		
5	16QAM	1	24	18.68	18.66	18.72		
5	16QAM	12	0	18.83	18.77	18.63	19.7	0
5	16QAM	12	7	18.81	18.66	18.86		
5	16QAM	12	13	18.73	18.70	18.74		
5	16QAM	25	0	18.74	18.88	18.81		
5	64QAM	1	0	18.72	18.65	18.88	19.7	0
5	64QAM	1	12	18.69	18.69	18.80		
5	64QAM	1	24	18.83	18.88	18.76		
5	64QAM	12	0	18.74	18.80	18.75	19.7	0
5	64QAM	12	7	18.76	18.76	18.67		
5	64QAM	12	13	18.61	18.86	18.84		
5	64QAM	25	0	18.75	18.74	18.87		
5	256QAM	1	0	18.74	18.83	18.77	19.7	0
5	256QAM	1	12	18.63	19.00	18.70		
5	256QAM	1	24	18.79	18.86	18.73		
5	256QAM	12	0	18.72	18.78	18.83	19.7	0
5	256QAM	12	7	18.67	18.84	18.72		
5	256QAM	12	13	18.74	18.70	18.83		
5	256QAM	25	0	18.74	18.79	18.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.87	19.02	18.89	19.7	0
3	QPSK	1	8	18.86	18.88	18.85		
3	QPSK	1	14	18.82	18.81	18.74		
3	QPSK	8	0	18.76	18.94	18.80	19.7	0
3	QPSK	8	4	18.77	18.67	18.69		
3	QPSK	8	7	18.72	18.81	18.58		
3	QPSK	15	0	18.52	18.67	18.45		
3	16QAM	1	0	18.67	18.69	18.78	19.7	0
3	16QAM	1	8	18.66	18.68	18.66		
3	16QAM	1	14	18.65	18.59	18.61		
3	16QAM	8	0	18.69	18.70	18.72	19.7	0
3	16QAM	8	4	18.79	18.79	18.82		
3	16QAM	8	7	18.78	18.69	18.72		
3	16QAM	15	0	18.65	18.82	18.75		
3	64QAM	1	0	18.80	18.72	18.75	19.7	0
3	64QAM	1	8	18.67	18.73	18.80		
3	64QAM	1	14	18.69	18.80	18.85		
3	64QAM	8	0	18.80	18.77	18.80	19.7	0
3	64QAM	8	4	18.72	18.77	18.68		
3	64QAM	8	7	18.72	18.85	18.80		
3	64QAM	15	0	18.76	18.86	18.83		
3	256QAM	1	0	18.78	18.86	18.80	19.7	0
3	256QAM	1	8	18.62	18.91	18.74		
3	256QAM	1	14	18.76	18.75	18.77		
3	256QAM	8	0	18.80	18.88	18.84	19.7	0
3	256QAM	8	4	18.62	18.72	18.81		
3	256QAM	8	7	18.71	18.81	18.79		
3	256QAM	15	0	18.65	18.77	18.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.90	18.94	18.82	19.7	0
1.4	QPSK	1	3	18.88	18.82	18.82		
1.4	QPSK	1	5	18.76	18.91	18.82		
1.4	QPSK	3	0	18.74	18.82	18.69		
1.4	QPSK	3	1	18.64	18.74	18.65		
1.4	QPSK	3	3	18.69	18.71	18.62		
1.4	QPSK	6	0	18.51	18.65	18.54	19.7	0
1.4	16QAM	1	0	18.64	18.68	18.78	19.7	0
1.4	16QAM	1	3	18.61	18.64	18.66		
1.4	16QAM	1	5	18.56	18.59	18.70		
1.4	16QAM	3	0	18.68	18.65	18.77		
1.4	16QAM	3	1	18.78	18.73	18.82		
1.4	16QAM	3	3	18.82	18.66	18.72		
1.4	16QAM	6	0	18.60	18.90	18.82	19.7	0
1.4	64QAM	1	0	18.67	18.81	18.85	19.7	0
1.4	64QAM	1	3	18.66	18.67	18.87		
1.4	64QAM	1	5	18.79	18.85	18.75		
1.4	64QAM	3	0	18.81	18.89	18.67		
1.4	64QAM	3	1	18.73	18.83	18.66		
1.4	64QAM	3	3	18.62	18.78	18.90		
1.4	64QAM	6	0	18.82	18.74	18.83	19.7	0
1.4	256QAM	1	0	18.69	18.79	18.67	19.7	0
1.4	256QAM	1	3	18.60	18.90	18.80		
1.4	256QAM	1	5	18.79	18.79	18.73		
1.4	256QAM	3	0	18.73	18.84	18.75		
1.4	256QAM	3	1	18.58	18.87	18.84		
1.4	256QAM	3	3	18.73	18.70	18.85		
1.4	256QAM	6	0	18.78	18.77	18.81	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2610		
20	QPSK	1	0	20.52	20.71	20.62	21.2	0
20	QPSK	1	49	20.61	20.69	20.58		
20	QPSK	1	99	20.54	20.55	20.58		
20	QPSK	50	0	20.61	20.67	20.58	21.2	0
20	QPSK	50	24	20.46	20.52	20.35		
20	QPSK	50	50	20.46	20.43	20.32		
20	QPSK	100	0	20.55	20.57	20.54		
20	16QAM	1	0	20.39	20.45	20.51		
20	16QAM	1	49	20.42	20.41	20.46	21.2	0
20	16QAM	1	99	20.31	20.38	20.30		
20	16QAM	50	0	20.52	20.50	20.42		
20	16QAM	50	24	20.53	20.44	20.63	21.2	0
20	16QAM	50	50	20.53	20.46	20.53		
20	16QAM	100	0	20.32	20.56	20.57		
20	64QAM	1	0	20.46	20.42	20.54		
20	64QAM	1	49	20.50	20.50	20.59	21.2	0
20	64QAM	1	99	20.52	20.66	20.51		
20	64QAM	50	0	20.46	20.56	20.53		
20	64QAM	50	24	20.38	20.43	20.46	21.2	0
20	64QAM	50	50	20.40	20.58	20.66		
20	64QAM	100	0	20.51	20.45	20.47		
20	256QAM	1	0	20.04	20.25	20.00		
20	256QAM	1	49	19.98	20.04	19.93	20.7	0.5
20	256QAM	1	99	19.96	20.01	19.94		
20	256QAM	50	0	20.17	20.11	20.08		
20	256QAM	50	24	20.16	20.17	20.02	20.7	0.5
20	256QAM	50	50	20.07	20.20	20.07		
20	256QAM	100	0	20.18	20.27	20.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.51	20.59	20.55	21.2	0
15	QPSK	1	37	20.47	20.50	20.53		
15	QPSK	1	74	20.38	20.45	20.33		
15	QPSK	36	0	20.32	20.55	20.36		
15	QPSK	36	20	20.25	20.41	20.34	21.2	0
15	QPSK	36	39	20.31	20.44	20.32		
15	QPSK	75	0	20.16	20.28	20.14		
15	16QAM	1	0	20.31	20.29	20.37		
15	16QAM	1	37	20.31	20.24	20.25	21.2	0
15	16QAM	1	74	20.23	20.19	20.27		
15	16QAM	36	0	20.36	20.36	20.31		
15	16QAM	36	20	20.42	20.32	20.48	21.2	0
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.35	20.48	20.48		
15	64QAM	1	0	20.30	20.41	20.46		
15	64QAM	1	37	20.39	20.30	20.37	21.2	0
15	64QAM	1	74	20.40	20.52	20.40		
15	64QAM	36	0	20.39	20.43	20.32		
15	64QAM	36	20	20.32	20.33	20.33	21.2	0
15	64QAM	36	39	20.26	20.52	20.42		
15	64QAM	75	0	20.43	20.43	20.45		
15	256QAM	1	0	19.92	20.19	19.95		
15	256QAM	1	37	19.90	19.97	19.75	20.7	0.5
15	256QAM	1	74	19.93	19.98	19.78		
15	256QAM	36	0	20.06	20.09	19.99		
15	256QAM	36	20	20.08	20.08	19.85	20.7	0.5
15	256QAM	36	39	19.95	20.16	19.92		
15	256QAM	75	0	20.14	20.23	20.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.43	20.54	20.48	21.2	0
10	QPSK	1	25	20.42	20.53	20.49		
10	QPSK	1	49	20.45	20.40	20.47		
10	QPSK	25	0	20.30	20.56	20.34		
10	QPSK	25	12	20.37	20.33	20.35	21.2	0
10	QPSK	25	25	20.25	20.30	20.30		
10	QPSK	50	0	20.16	20.33	20.07		
10	16QAM	1	0	20.20	20.27	20.41		
10	16QAM	1	25	20.29	20.22	20.40	21.2	0
10	16QAM	1	49	20.23	20.32	20.29		
10	16QAM	25	0	20.31	20.38	20.36		
10	16QAM	25	12	20.44	20.38	20.50	21.2	0
10	16QAM	25	25	20.47	20.29	20.45		
10	16QAM	50	0	20.27	20.47	20.49		
10	64QAM	1	0	20.32	20.30	20.38		
10	64QAM	1	25	20.25	20.42	20.37	21.2	0
10	64QAM	1	49	20.33	20.53	20.39		
10	64QAM	25	0	20.37	20.37	20.28		
10	64QAM	25	12	20.26	20.33	20.31	21.2	0
10	64QAM	25	25	20.36	20.51	20.40		
10	64QAM	50	0	20.32	20.46	20.47		
10	256QAM	1	0	19.93	20.08	19.93		
10	256QAM	1	25	19.88	19.92	19.81	20.7	0.5
10	256QAM	1	49	19.91	19.98	19.84		
10	256QAM	25	0	20.04	20.01	20.04		
10	256QAM	25	12	20.09	20.06	19.88	20.7	0.5
10	256QAM	25	25	19.97	20.03	19.94		
10	256QAM	50	0	20.11	20.22	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.45	20.60	20.49	21.2	0
5	QPSK	1	12	20.47	20.53	20.53		
5	QPSK	1	24	20.39	20.42	20.39		
5	QPSK	12	0	20.36	20.44	20.30		
5	QPSK	12	7	20.30	20.32	20.28	21.2	0
5	QPSK	12	13	20.29	20.35	20.25		
5	QPSK	25	0	20.15	20.38	20.09		
5	16QAM	1	0	20.23	20.27	20.40		
5	16QAM	1	12	20.20	20.27	20.28	21.2	0
5	16QAM	1	24	20.31	20.29	20.29		
5	16QAM	12	0	20.45	20.35	20.33		
5	16QAM	12	7	20.38	20.36	20.40	21.2	0
5	16QAM	12	13	20.44	20.27	20.40		
5	16QAM	25	0	20.26	20.51	20.47		
5	64QAM	1	0	20.30	20.36	20.41		
5	64QAM	1	12	20.26	20.28	20.48	21.2	0
5	64QAM	1	24	20.41	20.57	20.45		
5	64QAM	12	0	20.39	20.36	20.40		
5	64QAM	12	7	20.36	20.38	20.39	21.2	0
5	64QAM	12	13	20.28	20.51	20.55		
5	64QAM	25	0	20.34	20.37	20.51		
5	256QAM	1	0	19.91	20.08	19.82		
5	256QAM	1	12	19.95	19.94	19.85	20.7	0.5
5	256QAM	1	24	19.93	19.90	19.78		
5	256QAM	12	0	20.08	20.00	19.91		
5	256QAM	12	7	19.98	20.06	19.91	20.7	0.5
5	256QAM	12	13	19.96	20.02	19.94		
5	256QAM	25	0	20.05	20.15	19.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.13	20.19	20.26	20.11	20.05	20.7	0
20	QPSK	1	49	20.06	20.01	20.09	20.21	20.11		
20	QPSK	1	99	20.13	20.12	20.06	20.05	20.22		
20	QPSK	50	0	20.17	20.16	20.23	20.14	20.06		
20	QPSK	50	24	19.96	20.08	20.11	19.99	19.91		
20	QPSK	50	50	20.04	19.90	19.92	20.16	19.93		
20	QPSK	100	0	20.09	20.02	20.19	19.99	20.06		
20	16QAM	1	0	20.02	20.10	20.09	19.91	19.91		
20	16QAM	1	49	19.96	19.88	20.00	20.06	20.00	20.7	0
20	16QAM	1	99	19.92	20.05	19.84	19.95	20.00		
20	16QAM	50	0	20.10	20.17	20.21	19.96	19.90		
20	16QAM	50	24	19.91	19.93	19.93	20.10	20.09	20.7	0
20	16QAM	50	50	20.05	20.05	19.93	20.00	20.16		
20	16QAM	100	0	20.00	20.10	20.10	20.08	19.94		
20	64QAM	1	0	19.79	19.91	19.96	19.85	19.77		
20	64QAM	1	49	20.11	20.06	19.95	20.00	20.09	20.7	0
20	64QAM	1	99	20.07	20.07	20.12	20.05	19.98		
20	64QAM	50	0	19.99	19.94	19.95	20.18	19.95		
20	64QAM	50	24	20.05	20.02	19.98	19.90	20.11	20.7	0
20	64QAM	50	50	20.01	20.01	20.19	20.08	20.01		
20	64QAM	100	0	19.95	19.85	19.99	20.15	20.03		
20	256QAM	1	0	20.01	19.96	19.91	19.97	20.13	20.7	0
20	256QAM	1	49	20.09	20.12	20.19	20.01	19.90		
20	256QAM	1	99	19.93	19.88	19.92	20.08	19.95		
20	256QAM	50	0	20.10	20.02	19.98	20.02	20.12	20.7	0
20	256QAM	50	24	20.06	20.07	20.15	20.00	19.90		
20	256QAM	50	50	19.93	19.85	19.95	20.15	20.04		
20	256QAM	100	0	20.02	19.95	20.00	19.93	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.06	20.09	20.14	19.95	19.89	21	0
15	QPSK	1	37	19.93	19.98	20.04	20.15	19.98		
15	QPSK	1	74	20.01	19.98	19.89	19.96	20.18		
15	QPSK	36	0	20.10	20.04	20.13	20.00	20.02	20.7	0
15	QPSK	36	20	19.91	19.95	20.01	19.92	19.82		
15	QPSK	36	39	19.88	19.82	19.89	20.03	19.87		
15	QPSK	75	0	20.01	19.88	20.06	19.85	19.99		
15	16QAM	1	0	19.88	20.00	19.98	19.80	19.82		
15	16QAM	1	37	19.81	19.85	19.90	20.02	19.93	20.7	0
15	16QAM	1	74	19.85	20.01	19.69	19.89	19.97		
15	16QAM	36	0	19.92	20.12	20.06	19.85	19.88		
15	16QAM	36	20	19.79	19.90	19.91	19.95	19.98	20.7	0
15	16QAM	36	39	20.01	19.87	19.78	19.97	19.99		
15	16QAM	75	0	19.92	20.00	20.00	20.06	19.87		
15	64QAM	1	0	19.72	19.83	19.85	19.69	19.60		
15	64QAM	1	37	20.08	19.99	19.92	19.93	20.05	20.7	0
15	64QAM	1	74	20.00	20.04	20.04	20.02	19.94		
15	64QAM	36	0	19.88	19.82	19.84	20.03	19.84		
15	64QAM	36	20	19.80	19.86	19.90	19.87	20.02	20.7	0
15	64QAM	36	39	19.91	19.94	20.05	19.98	19.93		
15	64QAM	75	0	19.78	19.69	19.92	20.12	19.89		
15	256QAM	1	0	19.97	19.91	19.84	19.89	19.96	20.7	0
15	256QAM	1	37	19.98	19.96	20.14	19.97	19.81		
15	256QAM	1	74	19.90	19.77	19.83	20.02	19.90		
15	256QAM	36	0	20.00	19.89	19.95	19.98	20.00	20.7	0
15	256QAM	36	20	19.91	19.92	20.03	19.93	19.77		
15	256QAM	36	39	19.83	19.76	19.79	19.98	19.94		
15	256QAM	75	0	19.88	19.79	19.90	19.91	20.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.08	20.13	20.05	20.03	19.94	21	0
10	QPSK	1	25	19.94	19.95	19.96	20.09	20.00		
10	QPSK	1	49	19.95	19.97	19.89	20.00	20.13		
10	QPSK	25	0	19.95	20.11	20.10	20.04	19.91	20.7	0
10	QPSK	25	12	19.86	19.97	20.01	19.79	19.75		
10	QPSK	25	25	19.92	19.70	19.83	20.02	19.84		
10	QPSK	50	0	19.87	19.81	20.15	19.96	20.00		
10	16QAM	1	0	19.96	19.99	19.91	19.81	19.88		
10	16QAM	1	25	19.75	19.85	19.78	19.98	19.92	20.7	0
10	16QAM	1	49	19.73	19.91	19.77	19.77	19.89		
10	16QAM	25	0	20.07	20.03	20.11	19.80	19.83		
10	16QAM	25	12	19.76	19.90	19.76	20.01	20.05	20.7	0
10	16QAM	25	25	19.85	19.88	19.90	19.85	20.05		
10	16QAM	50	0	19.79	20.07	19.91	20.00	19.86		
10	64QAM	1	0	19.66	19.84	19.76	19.66	19.73		
10	64QAM	1	25	19.90	19.88	19.89	19.88	19.94	20.7	0
10	64QAM	1	49	19.95	19.87	19.98	19.90	19.95		
10	64QAM	25	0	19.82	19.86	19.87	20.04	19.81		
10	64QAM	25	12	19.84	19.84	19.77	19.70	20.06	20.7	0
10	64QAM	25	25	19.80	19.94	20.16	19.91	19.80		
10	64QAM	50	0	19.80	19.71	19.89	20.10	20.00		
10	256QAM	1	0	19.90	19.91	19.73	19.83	20.04	20.7	0
10	256QAM	1	25	19.95	19.92	20.09	19.89	19.80		
10	256QAM	1	49	19.80	19.68	19.71	19.96	19.74		
10	256QAM	25	0	20.01	19.95	19.82	19.90	20.06	20.7	0
10	256QAM	25	12	19.87	19.92	20.00	19.90	19.71		
10	256QAM	25	25	19.73	19.75	19.81	20.03	19.87		
10	256QAM	50	0	19.91	19.90	19.95	19.88	19.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.98	20.00	20.07	19.94	19.95	21	0
5	QPSK	1	12	20.00	19.85	19.93	20.12	20.02		
5	QPSK	1	24	20.04	20.08	19.97	19.97	20.02		
5	QPSK	12	0	20.09	20.13	20.03	20.04	20.02	20.7	0
5	QPSK	12	7	19.84	19.97	19.90	19.95	19.70		
5	QPSK	12	13	19.98	19.83	19.77	20.01	19.85		
5	QPSK	25	0	19.87	19.97	19.99	19.83	19.90		
5	16QAM	1	0	19.94	19.97	19.96	19.70	19.86		
5	16QAM	1	12	19.93	19.74	19.97	20.03	19.92	20.7	0
5	16QAM	1	24	19.71	19.95	19.79	19.85	19.95		
5	16QAM	12	0	19.92	20.05	20.06	19.79	19.77		
5	16QAM	12	7	19.79	19.83	19.73	20.00	19.91	20.7	0
5	16QAM	12	13	19.90	19.89	19.79	19.97	20.04		
5	16QAM	25	0	19.91	19.97	20.05	20.02	19.79		
5	64QAM	1	0	19.75	19.87	19.86	19.77	19.62		
5	64QAM	1	12	20.04	19.90	19.93	19.97	19.96	20.7	0
5	64QAM	1	24	19.90	20.00	20.00	19.86	19.91		
5	64QAM	12	0	19.93	19.75	19.88	20.07	19.76		
5	64QAM	12	7	19.95	19.90	19.83	19.87	20.00	20.7	0
5	64QAM	12	13	19.83	19.94	20.10	20.04	19.91		
5	64QAM	25	0	19.84	19.75	19.79	19.93	19.92		
5	256QAM	1	0	19.94	19.85	19.78	19.88	20.08	20.7	0
5	256QAM	1	12	19.96	19.90	20.06	19.94	19.71		
5	256QAM	1	24	19.79	19.74	19.88	19.88	19.80		
5	256QAM	12	0	20.01	19.97	19.80	19.97	19.92	20.7	0
5	256QAM	12	7	19.85	19.90	20.06	19.85	19.70		
5	256QAM	12	13	19.83	19.71	19.90	20.12	19.98		
5	256QAM	25	0	19.81	19.77	19.98	19.78	19.99		

GSM1900 EC1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.73	26.78	26.74	28.00	17.73	17.78	17.74	19.00
GPRS 1 Tx slot	26.71	26.77	26.72	28.00	17.71	17.77	17.72	19.00
GPRS 2 Tx slots	23.85	23.68	23.86	25.00	17.85	17.68	17.86	19.00
GPRS 3 Tx slots	22.00	21.94	21.95	23.20	17.74	17.68	17.69	18.94
GPRS 4 Tx slots	20.70	20.79	20.73	22.00	17.70	17.79	17.73	19.00
EDGE 1 Tx slot	26.09	26.12	26.05	27.00	17.09	17.12	17.05	18.00
EDGE 2 Tx slots	23.67	23.76	23.70	24.00	17.67	17.76	17.70	18.00
EDGE 3 Tx slots	20.61	20.79	20.61	22.20	16.35	16.53	16.35	17.94
EDGE 4 Tx slots	20.32	20.37	20.23	21.00	17.32	17.37	17.23	18.00

WCDMA II EC1 WCDMA IV EC1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.51	17.54	17.47	18.50	16.41	16.46	16.35	17.50
3GPP Rel 99	RMC 12.2Kbps	17.52	17.56	17.49	18.50	16.43	16.47	16.36	17.50
3GPP Rel 6	HSDPA Subtest-1	16.18	16.61	16.55	17.50	15.20	15.26	15.50	16.50
3GPP Rel 6	HSDPA Subtest-2	16.45	16.36	16.15	17.50	15.30	15.30	15.17	16.50
3GPP Rel 6	HSDPA Subtest-3	15.81	15.90	15.95	17.00	14.92	14.65	14.84	16.00
3GPP Rel 6	HSDPA Subtest-4	15.71	16.12	15.84	17.00	14.91	14.78	14.86	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.23	16.50	16.34	17.50	15.12	15.23	15.47	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.43	16.38	16.33	17.50	15.37	15.22	15.07	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.77	15.98	15.67	17.00	14.69	14.86	14.86	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.78	15.85	15.95	17.00	14.83	14.63	14.89	16.00
3GPP Rel 6	HSUPA Subtest-1	16.03	16.48	16.31	17.50	15.31	15.30	15.33	16.50
3GPP Rel 6	HSUPA Subtest-2	14.26	14.49	14.43	15.50	13.33	13.51	13.44	14.50
3GPP Rel 6	HSUPA Subtest-3	15.41	15.48	15.31	16.50	14.39	14.71	14.46	15.50
3GPP Rel 6	HSUPA Subtest-4	14.14	14.20	14.47	15.50	13.27	13.43	13.24	14.50
3GPP Rel 6	HSUPA Subtest-5	16.29	16.40	16.26	17.50	15.00	15.48	15.31	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.96	14.04	13.84	15.00	13.00	13.04	12.79	14.00

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.21	16.37	16.32	17.7	0
20	QPSK	1	49	16.25	16.26	16.22		
20	QPSK	1	99	16.27	16.24	16.28		
20	QPSK	50	0	16.16	16.32	16.20	17.7	0
20	QPSK	50	24	16.13	16.08	16.12		
20	QPSK	50	50	16.07	16.17	16.11		
20	QPSK	100	0	15.95	16.06	15.95		
20	16QAM	1	0	16.02	16.16	16.13	17.7	0
20	16QAM	1	49	16.13	16.05	16.06		
20	16QAM	1	99	16.07	15.97	16.05		
20	16QAM	50	0	16.18	16.05	16.09	17.7	0
20	16QAM	50	24	16.17	16.12	16.17		
20	16QAM	50	50	16.18	16.10	16.14		
20	16QAM	100	0	16.15	16.26	16.24		
20	64QAM	1	0	16.13	16.17	16.29	17.7	0
20	64QAM	1	49	16.08	16.20	16.21		
20	64QAM	1	99	16.21	16.24	16.27		
20	64QAM	50	0	16.15	16.30	16.12	17.7	0
20	64QAM	50	24	16.10	16.12	16.11		
20	64QAM	50	50	16.13	16.24	16.32		
20	64QAM	100	0	16.22	16.21	16.22		
20	256QAM	1	0	16.12	16.26	16.12	17.7	0
20	256QAM	1	49	15.99	16.29	16.22		
20	256QAM	1	99	16.29	16.15	16.11		
20	256QAM	50	0	16.09	16.34	16.15	17.7	0
20	256QAM	50	24	16.00	16.21	16.23		
20	256QAM	50	50	16.21	16.11	16.15		
20	256QAM	100	0	16.17	16.25	16.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.07	16.32	16.25	17.7	0
15	QPSK	1	37	16.23	16.21	16.13		
15	QPSK	1	74	16.14	16.19	16.11		
15	QPSK	36	0	16.00	16.19	16.13	17.7	0
15	QPSK	36	20	15.99	16.13	15.99		
15	QPSK	36	39	16.01	16.08	15.94		
15	QPSK	75	0	15.81	16.06	15.91		
15	16QAM	1	0	15.89	16.06	16.10	17.7	0
15	16QAM	1	37	15.96	15.89	15.96		
15	16QAM	1	74	15.90	15.92	15.95		
15	16QAM	36	0	16.09	16.06	16.06	17.7	0
15	16QAM	36	20	16.15	15.97	16.16		
15	16QAM	36	39	16.10	16.04	16.13		
15	16QAM	75	0	16.00	16.15	16.12		
15	64QAM	1	0	15.98	15.98	16.06	17.7	0
15	64QAM	1	37	15.96	15.99	16.14		
15	64QAM	1	74	16.10	16.14	16.03		
15	64QAM	36	0	16.03	16.18	15.98	17.7	0
15	64QAM	36	20	16.03	16.16	15.96		
15	64QAM	36	39	15.96	16.24	16.18		
15	64QAM	75	0	16.03	16.12	16.13		
15	256QAM	1	0	16.05	16.11	16.08	17.7	0
15	256QAM	1	37	15.92	16.23	16.11		
15	256QAM	1	74	16.06	16.11	16.17		
15	256QAM	36	0	16.10	16.21	16.13	17.7	0
15	256QAM	36	20	15.99	16.19	16.06		
15	256QAM	36	39	16.12	16.05	16.15		
15	256QAM	75	0	15.96	16.06	16.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.12	16.29	16.10	17.7	0
10	QPSK	1	25	16.18	16.14	16.17		
10	QPSK	1	49	16.20	16.13	16.05		
10	QPSK	25	0	16.06	16.16	15.99	17.7	0
10	QPSK	25	12	15.98	16.11	15.96		
10	QPSK	25	25	16.03	16.07	16.02		
10	QPSK	50	0	15.90	16.06	15.78		
10	16QAM	1	0	15.89	16.08	16.12	17.7	0
10	16QAM	1	25	16.01	15.90	16.05		
10	16QAM	1	49	15.87	15.91	16.05		
10	16QAM	25	0	16.01	15.99	15.95	17.7	0
10	16QAM	25	12	16.09	16.06	16.22		
10	16QAM	25	25	16.07	16.02	16.12		
10	16QAM	50	0	16.05	16.19	16.16		
10	64QAM	1	0	16.04	16.02	16.16	17.7	0
10	64QAM	1	25	16.08	15.98	16.19		
10	64QAM	1	49	16.08	16.18	16.07		
10	64QAM	25	0	16.07	16.06	16.02	17.7	0
10	64QAM	25	12	15.96	16.15	15.98		
10	64QAM	25	25	15.95	16.12	16.21		
10	64QAM	50	0	16.07	16.15	16.13		
10	256QAM	1	0	16.09	16.19	16.10	17.7	0
10	256QAM	1	25	15.93	16.24	16.12		
10	256QAM	1	49	16.10	16.18	16.13		
10	256QAM	25	0	16.00	16.10	16.16	17.7	0
10	256QAM	25	12	15.91	16.05	16.10		
10	256QAM	25	25	16.05	16.12	16.15		
10	256QAM	50	0	16.07	16.06	16.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.19	16.23	16.23	17.7	0
5	QPSK	1	12	16.14	16.27	16.12		
5	QPSK	1	24	16.18	16.20	16.14		
5	QPSK	12	0	15.98	16.24	16.06	17.7	0
5	QPSK	12	7	16.05	16.00	15.93		
5	QPSK	12	13	15.95	16.12	16.02		
5	QPSK	25	0	15.86	15.97	15.91		
5	16QAM	1	0	15.90	16.08	16.12	17.7	0
5	16QAM	1	12	16.00	15.99	15.99		
5	16QAM	1	24	15.98	15.97	15.96		
5	16QAM	12	0	16.14	16.04	16.03	17.7	0
5	16QAM	12	7	16.13	16.04	16.23		
5	16QAM	12	13	16.09	16.02	16.09		
5	16QAM	25	0	15.97	16.10	16.18		
5	64QAM	1	0	16.08	16.00	16.18	17.7	0
5	64QAM	1	12	16.08	15.99	16.12		
5	64QAM	1	24	16.10	16.22	16.13		
5	64QAM	12	0	16.13	16.14	15.98	17.7	0
5	64QAM	12	7	16.02	16.07	15.97		
5	64QAM	12	13	16.01	16.14	16.21		
5	64QAM	25	0	16.10	16.15	16.12		
5	256QAM	1	0	16.04	16.18	16.05	17.7	0
5	256QAM	1	12	16.05	16.25	16.00		
5	256QAM	1	24	16.07	16.05	16.12		
5	256QAM	12	0	16.04	16.16	16.16	17.7	0
5	256QAM	12	7	15.92	16.16	16.14		
5	256QAM	12	13	16.10	16.06	16.09		
5	256QAM	25	0	16.02	16.06	16.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.16	16.32	16.12	17.7	0
3	QPSK	1	8	16.17	16.24	16.22		
3	QPSK	1	14	16.21	16.08	16.09		
3	QPSK	8	0	16.08	16.22	16.08	17.7	0
3	QPSK	8	4	16.06	16.00	15.98		
3	QPSK	8	7	15.99	16.11	16.04		
3	QPSK	15	0	15.88	15.96	15.82		
3	16QAM	1	0	16.00	15.97	16.08	17.7	0
3	16QAM	1	8	16.01	15.96	16.05		
3	16QAM	1	14	15.99	15.89	15.98		
3	16QAM	8	0	16.10	16.08	16.08	17.7	0
3	16QAM	8	4	16.09	16.11	16.11		
3	16QAM	8	7	16.16	15.99	16.02		
3	16QAM	15	0	15.99	16.23	16.08		
3	64QAM	1	0	16.08	16.11	16.18	17.7	0
3	64QAM	1	8	16.09	15.96	16.06		
3	64QAM	1	14	16.14	16.23	16.04		
3	64QAM	8	0	16.07	16.12	15.99	17.7	0
3	64QAM	8	4	16.04	16.10	16.04		
3	64QAM	8	7	16.08	16.20	16.19		
3	64QAM	15	0	16.11	16.09	16.21		
3	256QAM	1	0	16.12	16.16	16.03	17.7	0
3	256QAM	1	8	16.00	16.26	16.04		
3	256QAM	1	14	16.11	16.10	16.16		
3	256QAM	8	0	16.01	16.18	16.04	17.7	0
3	256QAM	8	4	15.90	16.15	16.14		
3	256QAM	8	7	15.96	16.15	16.17		
3	256QAM	15	0	16.10	16.10	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.08	16.21	16.21	17.7	0
1.4	QPSK	1	3	16.22	16.13	16.26		
1.4	QPSK	1	5	16.21	16.10	16.05		
1.4	QPSK	3	0	16.06	16.11	16.12		
1.4	QPSK	3	1	16.06	16.02	15.97		
1.4	QPSK	3	3	15.96	16.05	15.90		
1.4	QPSK	6	0	15.81	16.08	15.82	17.7	0
1.4	16QAM	1	0	15.97	15.95	16.13	17.7	0
1.4	16QAM	1	3	15.96	15.92	16.07		
1.4	16QAM	1	5	15.99	15.94	15.97		
1.4	16QAM	3	0	16.12	16.01	16.08		
1.4	16QAM	3	1	16.05	16.04	16.12		
1.4	16QAM	3	3	16.03	15.98	16.02		
1.4	16QAM	6	0	16.05	16.20	16.06	17.7	0
1.4	64QAM	1	0	16.12	16.08	16.17	17.7	0
1.4	64QAM	1	3	16.07	15.99	16.06		
1.4	64QAM	1	5	16.06	16.19	16.04		
1.4	64QAM	3	0	16.18	16.09	15.98		
1.4	64QAM	3	1	15.98	16.15	15.95		
1.4	64QAM	3	3	16.03	16.23	16.25		
1.4	64QAM	6	0	16.09	16.14	16.08	17.7	0
1.4	256QAM	1	0	16.06	16.24	16.00	17.7	0
1.4	256QAM	1	3	15.95	16.29	16.10		
1.4	256QAM	1	5	16.17	16.10	16.13		
1.4	256QAM	3	0	16.08	16.15	16.08		
1.4	256QAM	3	1	15.96	16.07	16.16		
1.4	256QAM	3	3	16.04	16.04	16.20		
1.4	256QAM	6	0	15.98	16.13	16.17	17.7	0

Band 4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.15	17.31	17.25	18.2	0
20	QPSK	1	49	17.29	17.30	17.14		
20	QPSK	1	99	17.21	17.20	17.09		
20	QPSK	50	0	16.99	17.29	17.12	18.2	0
20	QPSK	50	24	17.07	17.08	17.04		
20	QPSK	50	50	17.03	17.09	17.06		
20	QPSK	100	0	16.97	16.98	16.89		
20	16QAM	1	0	16.92	17.04	17.13	18.2	0
20	16QAM	1	49	17.03	17.05	17.07		
20	16QAM	1	99	17.03	16.92	16.99		
20	16QAM	50	0	17.17	16.99	16.97	18.2	0
20	16QAM	50	24	17.16	16.99	17.13		
20	16QAM	50	50	17.09	17.04	17.19		
20	16QAM	100	0	17.06	17.15	17.18		
20	64QAM	1	0	17.04	17.07	17.11	18.2	0
20	64QAM	1	49	17.10	17.09	17.22		
20	64QAM	1	99	17.15	17.16	17.05		
20	64QAM	50	0	17.10	17.08	17.01	18.2	0
20	64QAM	50	24	16.99	17.07	17.06		
20	64QAM	50	50	17.07	17.13	17.29		
20	64QAM	100	0	17.12	17.23	17.24		
20	256QAM	1	0	17.12	17.13	17.09	18.2	0
20	256QAM	1	49	16.95	17.31	17.09		
20	256QAM	1	99	17.13	17.20	17.15		
20	256QAM	50	0	17.04	17.16	17.14	18.2	0
20	256QAM	50	24	17.03	17.14	17.12		
20	256QAM	50	50	17.01	17.11	17.20		
20	256QAM	100	0	17.11	17.09	17.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.02	17.25	17.18	18.2	0
15	QPSK	1	37	17.16	17.06	17.04		
15	QPSK	1	74	16.98	17.16	17.08		
15	QPSK	36	0	17.01	17.09	17.02	18.2	0
15	QPSK	36	20	17.01	16.97	16.85		
15	QPSK	36	39	16.86	17.01	16.94		
15	QPSK	75	0	16.84	16.95	16.84		
15	16QAM	1	0	16.90	16.88	17.02	18.2	0
15	16QAM	1	37	16.92	16.93	16.93		
15	16QAM	1	74	16.81	16.92	16.84		
15	16QAM	36	0	17.05	16.96	16.99	18.2	0
15	16QAM	36	20	16.97	16.89	17.02		
15	16QAM	36	39	17.11	17.00	16.99		
15	16QAM	75	0	16.92	17.12	16.97		
15	64QAM	1	0	17.06	16.94	17.04	18.2	0
15	64QAM	1	37	16.94	17.00	17.12		
15	64QAM	1	74	17.07	17.10	17.08		
15	64QAM	36	0	17.01	17.03	16.97	18.2	0
15	64QAM	36	20	16.92	17.06	16.96		
15	64QAM	36	39	16.98	17.15	17.05		
15	64QAM	75	0	16.98	17.12	17.05		
15	256QAM	1	0	16.96	17.10	17.05	18.2	0
15	256QAM	1	37	16.95	17.25	17.02		
15	256QAM	1	74	17.10	16.98	17.01		
15	256QAM	36	0	17.02	17.11	17.08	18.2	0
15	256QAM	36	20	16.90	17.00	17.07		
15	256QAM	36	39	16.92	16.98	16.99		
15	256QAM	75	0	17.00	16.97	17.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.09	17.28	17.17	18.2	0
10	QPSK	1	25	17.05	17.19	17.12		
10	QPSK	1	49	17.05	17.04	17.06		
10	QPSK	25	0	16.91	17.09	17.03	18.2	0
10	QPSK	25	12	17.01	17.03	16.91		
10	QPSK	25	25	16.90	16.97	16.85		
10	QPSK	50	0	16.77	16.92	16.78		
10	16QAM	1	0	16.86	16.99	17.04	18.2	0
10	16QAM	1	25	16.95	16.95	17.01		
10	16QAM	1	49	16.93	16.85	16.90		
10	16QAM	25	0	17.07	16.98	17.02	18.2	0
10	16QAM	25	12	17.08	17.04	17.02		
10	16QAM	25	25	17.09	16.96	17.05		
10	16QAM	50	0	16.84	17.12	17.01		
10	64QAM	1	0	17.04	17.02	17.02	18.2	0
10	64QAM	1	25	16.96	17.05	17.05		
10	64QAM	1	49	17.05	17.12	16.96		
10	64QAM	25	0	16.99	17.08	17.05	18.2	0
10	64QAM	25	12	16.94	17.07	16.88		
10	64QAM	25	25	16.91	17.02	17.12		
10	64QAM	50	0	17.04	17.01	17.01		
10	256QAM	1	0	16.97	17.15	17.04	18.2	0
10	256QAM	1	25	16.90	17.20	17.01		
10	256QAM	1	49	17.11	17.07	16.96		
10	256QAM	25	0	16.95	17.03	17.00	18.2	0
10	256QAM	25	12	16.83	17.00	17.03		
10	256QAM	25	25	17.02	16.95	16.98		
10	256QAM	50	0	16.90	17.09	17.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.03	17.18	17.11	18.2	0
5	QPSK	1	12	17.08	17.11	17.18		
5	QPSK	1	24	17.05	17.11	17.01		
5	QPSK	12	0	16.87	17.03	16.90	18.2	0
5	QPSK	12	7	16.97	16.97	16.96		
5	QPSK	12	13	16.97	17.04	16.97		
5	QPSK	25	0	16.82	17.01	16.81		
5	16QAM	1	0	16.89	16.88	16.97	18.2	0
5	16QAM	1	12	16.92	16.96	16.91		
5	16QAM	1	24	16.81	16.82	16.87		
5	16QAM	12	0	16.93	16.90	16.97	18.2	0
5	16QAM	12	7	17.03	17.02	17.02		
5	16QAM	12	13	16.97	16.98	16.96		
5	16QAM	25	0	17.00	17.12	17.05		
5	64QAM	1	0	17.01	17.01	17.10	18.2	0
5	64QAM	1	12	17.01	16.89	17.07		
5	64QAM	1	24	16.92	17.20	17.11		
5	64QAM	12	0	16.98	17.09	17.05	18.2	0
5	64QAM	12	7	16.89	17.06	17.00		
5	64QAM	12	13	16.90	17.05	17.12		
5	64QAM	25	0	16.94	17.00	17.07		
5	256QAM	1	0	17.00	17.05	16.93	18.2	0
5	256QAM	1	12	16.94	17.11	17.06		
5	256QAM	1	24	17.00	16.99	16.98		
5	256QAM	12	0	17.06	17.03	17.09	18.2	0
5	256QAM	12	7	16.98	16.99	17.05		
5	256QAM	12	13	16.95	17.05	17.04		
5	256QAM	25	0	16.95	17.01	17.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.01	17.21	17.14	18.2	0
3	QPSK	1	8	17.15	17.18	17.19		
3	QPSK	1	14	17.12	17.07	17.07		
3	QPSK	8	0	16.95	17.07	17.02	18.2	0
3	QPSK	8	4	16.93	17.02	16.86		
3	QPSK	8	7	16.94	17.06	16.90		
3	QPSK	15	0	16.80	16.99	16.80		
3	16QAM	1	0	16.86	16.88	16.97	18.2	0
3	16QAM	1	8	16.91	16.91	16.94		
3	16QAM	1	14	16.82	16.80	16.88		
3	16QAM	8	0	16.99	17.02	16.95	18.2	0
3	16QAM	8	4	16.95	16.91	17.05		
3	16QAM	8	7	16.99	16.96	16.99		
3	16QAM	15	0	16.96	17.16	17.12		
3	64QAM	1	0	16.95	16.91	17.10	18.2	0
3	64QAM	1	8	16.92	16.94	17.04		
3	64QAM	1	14	16.97	17.16	17.10		
3	64QAM	8	0	17.10	17.14	16.93	18.2	0
3	64QAM	8	4	16.90	16.97	16.98		
3	64QAM	8	7	16.98	17.10	17.13		
3	64QAM	15	0	17.02	17.08	16.99		
3	256QAM	1	0	16.94	17.18	17.02	18.2	0
3	256QAM	1	8	16.88	17.24	16.96		
3	256QAM	1	14	16.99	17.03	16.98		
3	256QAM	8	0	16.96	17.11	16.94	18.2	0
3	256QAM	8	4	16.86	17.11	17.09		
3	256QAM	8	7	16.92	17.06	17.01		
3	256QAM	15	0	16.91	16.97	17.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.09	17.24	17.07	18.2	0
1.4	QPSK	1	3	17.06	17.22	17.04		
1.4	QPSK	1	5	17.01	17.08	17.05		
1.4	QPSK	3	0	16.94	17.11	16.99		
1.4	QPSK	3	1	17.03	17.06	16.98		
1.4	QPSK	3	3	16.92	16.96	16.85		
1.4	QPSK	6	0	16.72	16.98	16.76	18.2	0
1.4	16QAM	1	0	16.82	16.93	17.00	18.2	0
1.4	16QAM	1	3	16.87	16.93	17.03		
1.4	16QAM	1	5	16.82	16.93	16.88		
1.4	16QAM	3	0	17.08	16.88	16.93		
1.4	16QAM	3	1	16.96	17.00	17.14		
1.4	16QAM	3	3	16.98	16.93	17.01		
1.4	16QAM	6	0	17.00	17.08	17.03	18.2	0
1.4	64QAM	1	0	17.02	16.94	16.99	18.2	0
1.4	64QAM	1	3	16.93	17.00	17.09		
1.4	64QAM	1	5	17.01	17.12	17.10		
1.4	64QAM	3	0	16.96	17.10	17.04		
1.4	64QAM	3	1	16.93	16.97	17.01		
1.4	64QAM	3	3	17.00	17.08	17.04		
1.4	64QAM	6	0	17.07	17.12	17.09	18.2	0
1.4	256QAM	1	0	17.04	17.15	16.93	18.2	0
1.4	256QAM	1	3	16.85	17.18	16.93		
1.4	256QAM	1	5	17.00	16.98	16.95		
1.4	256QAM	3	0	17.05	17.13	17.08		
1.4	256QAM	3	1	16.83	17.04	17.02		
1.4	256QAM	3	3	16.89	16.96	17.13		
1.4	256QAM	6	0	17.00	17.03	17.05	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.66	15.81	15.69	16.7	0
20	QPSK	1	49	15.63	15.69	15.73		
20	QPSK	1	99	15.69	15.63	15.68		
20	QPSK	50	0	15.53	15.74	15.57	16.7	0
20	QPSK	50	24	15.48	15.53	15.56		
20	QPSK	50	50	15.51	15.49	15.39		
20	QPSK	100	0	15.37	15.45	15.27		
20	16QAM	1	0	15.43	15.51	15.49	16.7	0
20	16QAM	1	49	15.43	15.51	15.45		
20	16QAM	1	99	15.49	15.39	15.43		
20	16QAM	50	0	15.51	15.52	15.58	16.7	0
20	16QAM	50	24	15.61	15.61	15.64		
20	16QAM	50	50	15.65	15.52	15.52		
20	16QAM	100	0	15.44	15.64	15.68		
20	64QAM	1	0	15.62	15.50	15.59	16.7	0
20	64QAM	1	49	15.60	15.54	15.69		
20	64QAM	1	99	15.61	15.65	15.65		
20	64QAM	50	0	15.61	15.71	15.47	16.7	0
20	64QAM	50	24	15.53	15.57	15.57		
20	64QAM	50	50	15.58	15.59	15.74		
20	64QAM	100	0	15.61	15.57	15.68		
20	256QAM	1	0	15.60	15.65	15.54	16.7	0
20	256QAM	1	49	15.55	15.78	15.59		
20	256QAM	1	99	15.71	15.59	15.63		
20	256QAM	50	0	15.62	15.73	15.66	16.7	0
20	256QAM	50	24	15.54	15.58	15.61		
20	256QAM	50	50	15.58	15.58	15.70		
20	256QAM	100	0	15.47	15.61	15.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.47	15.71	15.56	16.7	0
15	QPSK	1	37	15.62	15.68	15.59		
15	QPSK	1	74	15.61	15.55	15.44		
15	QPSK	36	0	15.35	15.60	15.39	16.7	0
15	QPSK	36	20	15.43	15.47	15.33		
15	QPSK	36	39	15.39	15.41	15.42		
15	QPSK	75	0	15.25	15.37	15.17		
15	16QAM	1	0	15.36	15.45	15.51	16.7	0
15	16QAM	1	37	15.43	15.36	15.44		
15	16QAM	1	74	15.40	15.33	15.41		
15	16QAM	36	0	15.53	15.43	15.44	16.7	0
15	16QAM	36	20	15.45	15.37	15.51		
15	16QAM	36	39	15.54	15.40	15.48		
15	16QAM	75	0	15.39	15.64	15.56		
15	64QAM	1	0	15.45	15.38	15.58	16.7	0
15	64QAM	1	37	15.43	15.49	15.59		
15	64QAM	1	74	15.46	15.56	15.43		
15	64QAM	36	0	15.55	15.60	15.52	16.7	0
15	64QAM	36	20	15.36	15.52	15.39		
15	64QAM	36	39	15.36	15.58	15.61		
15	64QAM	75	0	15.51	15.56	15.50		
15	256QAM	1	0	15.43	15.53	15.44	16.7	0
15	256QAM	1	37	15.40	15.68	15.41		
15	256QAM	1	74	15.60	15.57	15.52		
15	256QAM	36	0	15.45	15.62	15.56	16.7	0
15	256QAM	36	20	15.42	15.56	15.48		
15	256QAM	36	39	15.49	15.52	15.53		
15	256QAM	75	0	15.37	15.55	15.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.57	15.74	15.60	16.7	0
10	QPSK	1	25	15.54	15.64	15.58		
10	QPSK	1	49	15.56	15.55	15.47		
10	QPSK	25	0	15.39	15.52	15.41	16.7	0
10	QPSK	25	12	15.46	15.40	15.35		
10	QPSK	25	25	15.33	15.43	15.44		
10	QPSK	50	0	15.19	15.49	15.19		
10	16QAM	1	0	15.36	15.42	15.51	16.7	0
10	16QAM	1	25	15.46	15.41	15.49		
10	16QAM	1	49	15.37	15.40	15.39		
10	16QAM	25	0	15.50	15.45	15.37	16.7	0
10	16QAM	25	12	15.54	15.38	15.50		
10	16QAM	25	25	15.51	15.49	15.51		
10	16QAM	50	0	15.44	15.56	15.58		
10	64QAM	1	0	15.44	15.41	15.56	16.7	0
10	64QAM	1	25	15.45	15.42	15.47		
10	64QAM	1	49	15.46	15.53	15.42		
10	64QAM	25	0	15.44	15.50	15.37	16.7	0
10	64QAM	25	12	15.43	15.52	15.35		
10	64QAM	25	25	15.40	15.52	15.59		
10	64QAM	50	0	15.41	15.54	15.61		
10	256QAM	1	0	15.38	15.58	15.49	16.7	0
10	256QAM	1	25	15.42	15.62	15.44		
10	256QAM	1	49	15.57	15.55	15.53		
10	256QAM	25	0	15.53	15.63	15.55	16.7	0
10	256QAM	25	12	15.43	15.53	15.45		
10	256QAM	25	25	15.38	15.55	15.53		
10	256QAM	50	0	15.39	15.44	15.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.51	15.67	15.60	16.7	0
5	QPSK	1	12	15.61	15.55	15.57		
5	QPSK	1	24	15.49	15.62	15.53		
5	QPSK	12	0	15.33	15.64	15.46	16.7	0
5	QPSK	12	7	15.36	15.47	15.45		
5	QPSK	12	13	15.36	15.53	15.37		
5	QPSK	25	0	15.25	15.44	15.32		
5	16QAM	1	0	15.39	15.44	15.52	16.7	0
5	16QAM	1	12	15.43	15.30	15.49		
5	16QAM	1	24	15.31	15.41	15.43		
5	16QAM	12	0	15.43	15.41	15.34	16.7	0
5	16QAM	12	7	15.42	15.46	15.49		
5	16QAM	12	13	15.52	15.46	15.52		
5	16QAM	25	0	15.34	15.50	15.49		
5	64QAM	1	0	15.43	15.46	15.61	16.7	0
5	64QAM	1	12	15.45	15.46	15.56		
5	64QAM	1	24	15.44	15.61	15.45		
5	64QAM	12	0	15.54	15.54	15.50	16.7	0
5	64QAM	12	7	15.47	15.40	15.47		
5	64QAM	12	13	15.46	15.56	15.56		
5	64QAM	25	0	15.50	15.52	15.52		
5	256QAM	1	0	15.38	15.60	15.42	16.7	0
5	256QAM	1	12	15.36	15.70	15.49		
5	256QAM	1	24	15.52	15.44	15.53		
5	256QAM	12	0	15.41	15.62	15.55	16.7	0
5	256QAM	12	7	15.32	15.59	15.48		
5	256QAM	12	13	15.52	15.42	15.49		
5	256QAM	25	0	15.39	15.44	15.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.43	17.59	17.46	18.7	0
20	QPSK	1	49	17.50	17.48	17.48		
20	QPSK	1	99	17.45	17.50	17.42		
20	QPSK	50	0	17.40	17.46	17.39	18.7	0
20	QPSK	50	24	17.32	17.37	17.33		
20	QPSK	50	50	17.32	17.40	17.24		
20	QPSK	100	0	17.10	17.41	17.06		
20	16QAM	1	0	17.18	17.34	17.34	18.7	0
20	16QAM	1	49	17.35	17.24	17.27		
20	16QAM	1	99	17.31	17.17	17.23		
20	16QAM	50	0	17.35	17.24	17.29	18.7	0
20	16QAM	50	24	17.37	17.32	17.36		
20	16QAM	50	50	17.36	17.40	17.41		
20	16QAM	100	0	17.21	17.43	17.36		
20	64QAM	1	0	17.33	17.39	17.45	18.7	0
20	64QAM	1	49	17.34	17.35	17.40		
20	64QAM	1	99	17.41	17.44	17.32		
20	64QAM	50	0	17.45	17.41	17.30	18.7	0
20	64QAM	50	24	17.30	17.40	17.29		
20	64QAM	50	50	17.27	17.46	17.47		
20	64QAM	100	0	17.31	17.48	17.49		
20	256QAM	1	0	17.32	17.46	17.40	18.7	0
20	256QAM	1	49	17.25	17.47	17.42		
20	256QAM	1	99	17.41	17.37	17.35		
20	256QAM	50	0	17.33	17.48	17.36	18.7	0
20	256QAM	50	24	17.24	17.48	17.36		
20	256QAM	50	50	17.30	17.42	17.38		
20	256QAM	100	0	17.24	17.32	17.38		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.30	17.49	17.41	18.7	0
15	QPSK	1	37	17.46	17.47	17.44		
15	QPSK	1	74	17.29	17.43	17.26		
15	QPSK	36	0	17.21	17.31	17.17	18.7	0
15	QPSK	36	20	17.25	17.30	17.23		
15	QPSK	36	39	17.17	17.25	17.09		
15	QPSK	75	0	17.08	17.15	17.00		
15	16QAM	1	0	17.11	17.13	17.25	18.7	0
15	16QAM	1	37	17.13	17.12	17.24		
15	16QAM	1	74	17.20	17.07	17.22		
15	16QAM	36	0	17.32	17.21	17.21	18.7	0
15	16QAM	36	20	17.26	17.28	17.30		
15	16QAM	36	39	17.30	17.26	17.28		
15	16QAM	75	0	17.17	17.43	17.26		
15	64QAM	1	0	17.27	17.30	17.30	18.7	0
15	64QAM	1	37	17.21	17.25	17.38		
15	64QAM	1	74	17.32	17.32	17.21		
15	64QAM	36	0	17.26	17.36	17.27	18.7	0
15	64QAM	36	20	17.17	17.35	17.17		
15	64QAM	36	39	17.25	17.29	17.40		
15	64QAM	75	0	17.20	17.25	17.27		
15	256QAM	1	0	17.20	17.41	17.26	18.7	0
15	256QAM	1	37	17.24	17.37	17.18		
15	256QAM	1	74	17.33	17.33	17.28		
15	256QAM	36	0	17.21	17.39	17.35	18.7	0
15	256QAM	36	20	17.09	17.32	17.25		
15	256QAM	36	39	17.30	17.35	17.37		
15	256QAM	75	0	17.26	17.29	17.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.34	17.44	17.34	18.7	0
10	QPSK	1	25	17.39	17.37	17.42		
10	QPSK	1	49	17.30	17.28	17.31		
10	QPSK	25	0	17.25	17.33	17.17	18.7	0
10	QPSK	25	12	17.28	17.30	17.25		
10	QPSK	25	25	17.21	17.18	17.23		
10	QPSK	50	0	17.01	17.18	17.09		
10	16QAM	1	0	17.22	17.13	17.31	18.7	0
10	16QAM	1	25	17.20	17.20	17.26		
10	16QAM	1	49	17.17	17.08	17.18		
10	16QAM	25	0	17.22	17.18	17.18	18.7	0
10	16QAM	25	12	17.34	17.26	17.36		
10	16QAM	25	25	17.35	17.31	17.28		
10	16QAM	50	0	17.16	17.43	17.28		
10	64QAM	1	0	17.20	17.23	17.37	18.7	0
10	64QAM	1	25	17.24	17.20	17.26		
10	64QAM	1	49	17.27	17.37	17.24		
10	64QAM	25	0	17.31	17.24	17.21	18.7	0
10	64QAM	25	12	17.18	17.29	17.22		
10	64QAM	25	25	17.18	17.33	17.34		
10	64QAM	50	0	17.29	17.29	17.38		
10	256QAM	1	0	17.29	17.34	17.20	18.7	0
10	256QAM	1	25	17.17	17.49	17.22		
10	256QAM	1	49	17.36	17.26	17.24		
10	256QAM	25	0	17.23	17.30	17.25	18.7	0
10	256QAM	25	12	17.09	17.28	17.23		
10	256QAM	25	25	17.21	17.23	17.28		
10	256QAM	50	0	17.28	17.25	17.25		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.39	17.49	17.34	18.7	0
5	QPSK	1	12	17.46	17.40	17.39		
5	QPSK	1	24	17.39	17.32	17.33		
5	QPSK	12	0	17.26	17.45	17.27	18.7	0
5	QPSK	12	7	17.17	17.21	17.25		
5	QPSK	12	13	17.26	17.32	17.19		
5	QPSK	25	0	16.98	17.22	17.03		
5	16QAM	1	0	17.14	17.20	17.22	18.7	0
5	16QAM	1	12	17.14	17.10	17.26		
5	16QAM	1	24	17.18	17.13	17.15		
5	16QAM	12	0	17.20	17.21	17.21	18.7	0
5	16QAM	12	7	17.34	17.18	17.36		
5	16QAM	12	13	17.38	17.20	17.31		
5	16QAM	25	0	17.24	17.43	17.26		
5	64QAM	1	0	17.29	17.23	17.36	18.7	0
5	64QAM	1	12	17.19	17.20	17.28		
5	64QAM	1	24	17.26	17.32	17.24		
5	64QAM	12	0	17.28	17.33	17.25	18.7	0
5	64QAM	12	7	17.22	17.23	17.20		
5	64QAM	12	13	17.15	17.41	17.30		
5	64QAM	25	0	17.34	17.24	17.36		
5	256QAM	1	0	17.26	17.35	17.29	18.7	0
5	256QAM	1	12	17.23	17.42	17.25		
5	256QAM	1	24	17.34	17.31	17.29		
5	256QAM	12	0	17.30	17.30	17.36	18.7	0
5	256QAM	12	7	17.11	17.34	17.27		
5	256QAM	12	13	17.21	17.29	17.30		
5	256QAM	25	0	17.29	17.24	17.34		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.33	17.43	17.30	18.7	0
3	QPSK	1	8	17.43	17.40	17.40		
3	QPSK	1	14	17.36	17.30	17.28		
3	QPSK	8	0	17.21	17.43	17.27	18.7	0
3	QPSK	8	4	17.29	17.26	17.26		
3	QPSK	8	7	17.14	17.25	17.19		
3	QPSK	15	0	17.12	17.14	16.96		
3	16QAM	1	0	17.17	17.15	17.30	18.7	0
3	16QAM	1	8	17.10	17.19	17.27		
3	16QAM	1	14	17.18	17.08	17.21		
3	16QAM	8	0	17.21	17.26	17.25	18.7	0
3	16QAM	8	4	17.21	17.21	17.39		
3	16QAM	8	7	17.31	17.26	17.37		
3	16QAM	15	0	17.10	17.42	17.30		
3	64QAM	1	0	17.21	17.26	17.34	18.7	0
3	64QAM	1	8	17.26	17.17	17.31		
3	64QAM	1	14	17.29	17.41	17.23		
3	64QAM	8	0	17.27	17.32	17.30	18.7	0
3	64QAM	8	4	17.28	17.23	17.21		
3	64QAM	8	7	17.14	17.43	17.37		
3	64QAM	15	0	17.25	17.29	17.35		
3	256QAM	1	0	17.27	17.31	17.33	18.7	0
3	256QAM	1	8	17.13	17.42	17.18		
3	256QAM	1	14	17.33	17.28	17.20		
3	256QAM	8	0	17.23	17.41	17.27	18.7	0
3	256QAM	8	4	17.10	17.30	17.34		
3	256QAM	8	7	17.18	17.22	17.38		
3	256QAM	15	0	17.27	17.26	17.27		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.37	17.45	17.31	18.7	0
1.4	QPSK	1	3	17.41	17.34	17.43		
1.4	QPSK	1	5	17.26	17.43	17.28		
1.4	QPSK	3	0	17.23	17.44	17.30		
1.4	QPSK	3	1	17.26	17.29	17.13		
1.4	QPSK	3	3	17.20	17.31	17.13		
1.4	QPSK	6	0	17.06	17.16	16.96	18.7	0
1.4	16QAM	1	0	17.15	17.19	17.26	18.7	0
1.4	16QAM	1	3	17.10	17.21	17.20		
1.4	16QAM	1	5	17.22	17.07	17.13		
1.4	16QAM	3	0	17.33	17.21	17.16		
1.4	16QAM	3	1	17.31	17.22	17.34		
1.4	16QAM	3	3	17.37	17.17	17.21		
1.4	16QAM	6	0	17.19	17.38	17.34	18.7	0
1.4	64QAM	1	0	17.28	17.19	17.27	18.7	0
1.4	64QAM	1	3	17.15	17.17	17.27		
1.4	64QAM	1	5	17.31	17.42	17.22		
1.4	64QAM	3	0	17.23	17.31	17.25		
1.4	64QAM	3	1	17.27	17.27	17.14		
1.4	64QAM	3	3	17.27	17.37	17.45		
1.4	64QAM	6	0	17.32	17.35	17.36	18.7	0
1.4	256QAM	1	0	17.18	17.31	17.21	18.7	0
1.4	256QAM	1	3	17.14	17.42	17.32		
1.4	256QAM	1	5	17.26	17.29	17.20		
1.4	256QAM	3	0	17.30	17.31	17.32		
1.4	256QAM	3	1	17.19	17.25	17.32		
1.4	256QAM	3	3	17.23	17.25	17.34		
1.4	256QAM	6	0	17.22	17.24	17.33	18.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.67	16.86	16.73	17.7	0
20	QPSK	1	49	16.82	16.75	16.80		
20	QPSK	1	99	16.65	16.73	16.64		
20	QPSK	50	0	16.51	16.82	16.68	17.7	0
20	QPSK	50	24	16.60	16.60	16.51		
20	QPSK	50	50	16.55	16.62	16.52		
20	QPSK	100	0	16.44	16.68	16.45		
20	16QAM	1	0	16.56	16.60	16.68	17.7	0
20	16QAM	1	49	16.49	16.58	16.55		
20	16QAM	1	99	16.60	16.45	16.55		
20	16QAM	50	0	16.72	16.60	16.53	17.7	0
20	16QAM	50	24	16.72	16.65	16.81		
20	16QAM	50	50	16.68	16.65	16.71		
20	16QAM	100	0	16.52	16.79	16.61		
20	64QAM	1	0	16.64	16.56	16.66	17.7	0
20	64QAM	1	49	16.58	16.66	16.74		
20	64QAM	1	99	16.64	16.75	16.68		
20	64QAM	50	0	16.73	16.72	16.59	17.7	0
20	64QAM	50	24	16.55	16.65	16.62		
20	64QAM	50	50	16.52	16.80	16.68		
20	64QAM	100	0	16.68	16.62	16.70		
20	256QAM	1	0	16.56	16.81	16.68	17.7	0
20	256QAM	1	49	16.49	16.82	16.71		
20	256QAM	1	99	16.73	16.75	16.67		
20	256QAM	50	0	16.66	16.78	16.67	17.7	0
20	256QAM	50	24	16.63	16.63	16.69		
20	256QAM	50	50	16.65	16.68	16.74		
20	256QAM	100	0	16.62	16.72	16.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.65	16.70	16.63	17.7	0
15	QPSK	1	37	16.62	16.70	16.58		
15	QPSK	1	74	16.60	16.71	16.64		
15	QPSK	36	0	16.55	16.63	16.52	17.7	0
15	QPSK	36	20	16.55	16.46	16.49		
15	QPSK	36	39	16.49	16.46	16.53		
15	QPSK	75	0	16.40	16.48	16.36		
15	16QAM	1	0	16.37	16.44	16.57	17.7	0
15	16QAM	1	37	16.47	16.43	16.55		
15	16QAM	1	74	16.49	16.40	16.47		
15	16QAM	36	0	16.61	16.48	16.46	17.7	0
15	16QAM	36	20	16.64	16.49	16.62		
15	16QAM	36	39	16.55	16.60	16.52		
15	16QAM	75	0	16.41	16.71	16.52		
15	64QAM	1	0	16.50	16.54	16.62	17.7	0
15	64QAM	1	37	16.46	16.53	16.54		
15	64QAM	1	74	16.55	16.64	16.58		
15	64QAM	36	0	16.61	16.64	16.55	17.7	0
15	64QAM	36	20	16.53	16.52	16.50		
15	64QAM	36	39	16.54	16.57	16.71		
15	64QAM	75	0	16.52	16.67	16.65		
15	256QAM	1	0	16.47	16.63	16.57	17.7	0
15	256QAM	1	37	16.50	16.76	16.55		
15	256QAM	1	74	16.68	16.57	16.63		
15	256QAM	36	0	16.48	16.57	16.63	17.7	0
15	256QAM	36	20	16.51	16.52	16.53		
15	256QAM	36	39	16.47	16.64	16.60		
15	256QAM	75	0	16.51	16.54	16.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.72	16.65	17.7	0
10	QPSK	1	25	16.70	16.66	16.73		
10	QPSK	1	49	16.68	16.59	16.61		
10	QPSK	25	0	16.52	16.63	16.51	17.7	0
10	QPSK	25	12	16.53	16.51	16.50		
10	QPSK	25	25	16.43	16.56	16.53		
10	QPSK	50	0	16.36	16.50	16.33		
10	16QAM	1	0	16.48	16.44	16.57	17.7	0
10	16QAM	1	25	16.47	16.50	16.45		
10	16QAM	1	49	16.47	16.38	16.51		
10	16QAM	25	0	16.49	16.58	16.56	17.7	0
10	16QAM	25	12	16.50	16.59	16.68		
10	16QAM	25	25	16.55	16.60	16.65		
10	16QAM	50	0	16.49	16.61	16.55		
10	64QAM	1	0	16.48	16.50	16.53	17.7	0
10	64QAM	1	25	16.54	16.51	16.65		
10	64QAM	1	49	16.48	16.65	16.53		
10	64QAM	25	0	16.55	16.64	16.50	17.7	0
10	64QAM	25	12	16.56	16.52	16.46		
10	64QAM	25	25	16.51	16.63	16.63		
10	64QAM	50	0	16.63	16.52	16.57		
10	256QAM	1	0	16.47	16.74	16.54	17.7	0
10	256QAM	1	25	16.48	16.71	16.47		
10	256QAM	1	49	16.62	16.60	16.50		
10	256QAM	25	0	16.54	16.72	16.56	17.7	0
10	256QAM	25	12	16.38	16.61	16.56		
10	256QAM	25	25	16.60	16.52	16.57		
10	256QAM	50	0	16.51	16.53	16.64		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.67	16.75	16.65	17.7	0
5	QPSK	1	12	16.71	16.76	16.74		
5	QPSK	1	24	16.59	16.58	16.53		
5	QPSK	12	0	16.53	16.69	16.47	17.7	0
5	QPSK	12	7	16.58	16.45	16.48		
5	QPSK	12	13	16.54	16.58	16.40		
5	QPSK	25	0	16.31	16.54	16.38		
5	16QAM	1	0	16.45	16.57	16.53	17.7	0
5	16QAM	1	12	16.54	16.50	16.48		
5	16QAM	1	24	16.42	16.45	16.51		
5	16QAM	12	0	16.55	16.50	16.52	17.7	0
5	16QAM	12	7	16.58	16.49	16.59		
5	16QAM	12	13	16.64	16.45	16.51		
5	16QAM	25	0	16.51	16.62	16.51		
5	64QAM	1	0	16.47	16.59	16.55	17.7	0
5	64QAM	1	12	16.47	16.47	16.68		
5	64QAM	1	24	16.56	16.61	16.60		
5	64QAM	12	0	16.57	16.68	16.56	17.7	0
5	64QAM	12	7	16.44	16.55	16.46		
5	64QAM	12	13	16.45	16.64	16.67		
5	64QAM	25	0	16.56	16.63	16.58		
5	256QAM	1	0	16.51	16.67	16.60	17.7	0
5	256QAM	1	12	16.47	16.65	16.52		
5	256QAM	1	24	16.68	16.65	16.61		
5	256QAM	12	0	16.54	16.60	16.57	17.7	0
5	256QAM	12	7	16.52	16.62	16.60		
5	256QAM	12	13	16.47	16.52	16.56		
5	256QAM	25	0	16.44	16.57	16.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.56	16.76	16.73	17.7	0
3	QPSK	1	8	16.69	16.67	16.67		
3	QPSK	1	14	16.64	16.71	16.53		
3	QPSK	8	0	16.55	16.61	16.53	17.7	0
3	QPSK	8	4	16.59	16.58	16.45		
3	QPSK	8	7	16.43	16.60	16.52		
3	QPSK	15	0	16.27	16.46	16.30		
3	16QAM	1	0	16.48	16.49	16.59	17.7	0
3	16QAM	1	8	16.39	16.52	16.46		
3	16QAM	1	14	16.39	16.48	16.46		
3	16QAM	8	0	16.49	16.56	16.51	17.7	0
3	16QAM	8	4	16.63	16.54	16.59		
3	16QAM	8	7	16.57	16.48	16.62		
3	16QAM	15	0	16.44	16.61	16.55		
3	64QAM	1	0	16.61	16.53	16.64	17.7	0
3	64QAM	1	8	16.44	16.50	16.60		
3	64QAM	1	14	16.62	16.64	16.52		
3	64QAM	8	0	16.50	16.59	16.47	17.7	0
3	64QAM	8	4	16.55	16.63	16.50		
3	64QAM	8	7	16.48	16.59	16.70		
3	64QAM	15	0	16.49	16.65	16.56		
3	256QAM	1	0	16.47	16.65	16.47	17.7	0
3	256QAM	1	8	16.48	16.76	16.58		
3	256QAM	1	14	16.65	16.61	16.50		
3	256QAM	8	0	16.50	16.71	16.57	17.7	0
3	256QAM	8	4	16.41	16.59	16.54		
3	256QAM	8	7	16.49	16.63	16.60		
3	256QAM	15	0	16.55	16.55	16.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.61	16.72	16.69	17.7	0
1.4	QPSK	1	3	16.60	16.67	16.73		
1.4	QPSK	1	5	16.56	16.58	16.65		
1.4	QPSK	3	0	16.42	16.59	16.52		
1.4	QPSK	3	1	16.47	16.57	16.46		
1.4	QPSK	3	3	16.49	16.52	16.46		
1.4	QPSK	6	0	16.38	16.44	16.32	17.7	0
1.4	16QAM	1	0	16.46	16.57	16.48	17.7	0
1.4	16QAM	1	3	16.46	16.43	16.48		
1.4	16QAM	1	5	16.37	16.35	16.50		
1.4	16QAM	3	0	16.60	16.54	16.51		
1.4	16QAM	3	1	16.52	16.58	16.65		
1.4	16QAM	3	3	16.53	16.51	16.52		
1.4	16QAM	6	0	16.43	16.70	16.53	17.7	0
1.4	64QAM	1	0	16.56	16.57	16.55	17.7	0
1.4	64QAM	1	3	16.46	16.51	16.52		
1.4	64QAM	1	5	16.54	16.62	16.53		
1.4	64QAM	3	0	16.58	16.54	16.57		
1.4	64QAM	3	1	16.48	16.52	16.41		
1.4	64QAM	3	3	16.44	16.64	16.68		
1.4	64QAM	6	0	16.50	16.62	16.68	17.7	0
1.4	256QAM	1	0	16.53	16.61	16.60	17.7	0
1.4	256QAM	1	3	16.46	16.68	16.53		
1.4	256QAM	1	5	16.58	16.67	16.58		
1.4	256QAM	3	0	16.47	16.71	16.61		
1.4	256QAM	3	1	16.47	16.65	16.66		
1.4	256QAM	3	3	16.48	16.62	16.66		
1.4	256QAM	6	0	16.48	16.56	16.65	17.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.97	18.09	17.98	19.2	0
20	QPSK	1	49	17.99	18.05	17.94		
20	QPSK	1	99	17.89	18.01	17.93		
20	QPSK	50	0	17.73	17.94	17.82	19.2	0
20	QPSK	50	24	17.79	17.91	17.80		
20	QPSK	50	50	17.78	17.85	17.71		
20	QPSK	100	0	17.60	17.74	17.60		
20	16QAM	1	0	17.78	17.75	17.83	19.2	0
20	16QAM	1	49	17.73	17.69	17.89		
20	16QAM	1	99	17.72	17.79	17.80		
20	16QAM	50	0	17.84	17.87	17.76	19.2	0
20	16QAM	50	24	17.97	17.89	18.01		
20	16QAM	50	50	17.94	17.90	17.98		
20	16QAM	100	0	17.85	17.99	17.98		
20	64QAM	1	0	17.89	17.93	17.88	19.2	0
20	64QAM	1	49	17.90	17.77	18.00		
20	64QAM	1	99	17.93	17.94	17.95		
20	64QAM	50	0	17.97	17.90	17.91	19.2	0
20	64QAM	50	24	17.88	17.93	17.86		
20	64QAM	50	50	17.73	18.01	17.91		
20	64QAM	100	0	17.93	17.90	17.96		
20	256QAM	1	0	17.85	17.98	17.88	19.2	0
20	256QAM	1	49	17.74	17.97	17.93		
20	256QAM	1	99	17.91	17.96	17.94		
20	256QAM	50	0	17.83	18.03	17.90	19.2	0
20	256QAM	50	24	17.76	17.94	17.85		
20	256QAM	50	50	17.81	17.97	17.89		
20	256QAM	100	0	17.82	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.90	18.00	17.85	19.2	0
15	QPSK	1	37	17.94	17.94	17.90		
15	QPSK	1	74	17.85	17.86	17.80		
15	QPSK	36	0	17.74	17.86	17.81	19.2	0
15	QPSK	36	20	17.72	17.74	17.74		
15	QPSK	36	39	17.66	17.73	17.74		
15	QPSK	75	0	17.55	17.68	17.51		
15	16QAM	1	0	17.58	17.76	17.69	19.2	0
15	16QAM	1	37	17.62	17.70	17.78		
15	16QAM	1	74	17.60	17.63	17.69		
15	16QAM	36	0	17.73	17.66	17.73	19.2	0
15	16QAM	36	20	17.77	17.82	17.83		
15	16QAM	36	39	17.87	17.79	17.78		
15	16QAM	75	0	17.65	17.87	17.80		
15	64QAM	1	0	17.72	17.73	17.81	19.2	0
15	64QAM	1	37	17.69	17.80	17.90		
15	64QAM	1	74	17.84	17.83	17.78		
15	64QAM	36	0	17.74	17.85	17.77	19.2	0
15	64QAM	36	20	17.78	17.70	17.69		
15	64QAM	36	39	17.64	17.81	17.86		
15	64QAM	75	0	17.77	17.80	17.89		
15	256QAM	1	0	17.78	17.81	17.82	19.2	0
15	256QAM	1	37	17.74	17.98	17.76		
15	256QAM	1	74	17.87	17.74	17.86		
15	256QAM	36	0	17.83	17.92	17.82	19.2	0
15	256QAM	36	20	17.66	17.74	17.86		
15	256QAM	36	39	17.80	17.79	17.79		
15	256QAM	75	0	17.72	17.83	17.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.87	17.99	17.86	19.2	0
10	QPSK	1	25	17.95	17.91	17.80		
10	QPSK	1	49	17.75	17.91	17.79		
10	QPSK	25	0	17.67	17.93	17.71	19.2	0
10	QPSK	25	12	17.79	17.75	17.72		
10	QPSK	25	25	17.71	17.72	17.65		
10	QPSK	50	0	17.64	17.64	17.55		
10	16QAM	1	0	17.72	17.72	17.72	19.2	0
10	16QAM	1	25	17.76	17.64	17.74		
10	16QAM	1	49	17.71	17.66	17.76		
10	16QAM	25	0	17.81	17.73	17.72	19.2	0
10	16QAM	25	12	17.77	17.76	17.84		
10	16QAM	25	25	17.88	17.73	17.80		
10	16QAM	50	0	17.62	17.93	17.84		
10	64QAM	1	0	17.71	17.69	17.81	19.2	0
10	64QAM	1	25	17.70	17.71	17.89		
10	64QAM	1	49	17.75	17.90	17.85		
10	64QAM	25	0	17.85	17.81	17.80	19.2	0
10	64QAM	25	12	17.77	17.82	17.67		
10	64QAM	25	25	17.70	17.89	17.86		
10	64QAM	50	0	17.81	17.76	17.88		
10	256QAM	1	0	17.81	17.87	17.71	19.2	0
10	256QAM	1	25	17.60	17.91	17.75		
10	256QAM	1	49	17.77	17.75	17.78		
10	256QAM	25	0	17.76	17.92	17.86	19.2	0
10	256QAM	25	12	17.62	17.73	17.73		
10	256QAM	25	25	17.73	17.83	17.89		
10	256QAM	50	0	17.67	17.81	17.79		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.80	17.97	17.89	19.2	0
5	QPSK	1	12	17.85	17.89	17.82		
5	QPSK	1	24	17.91	17.91	17.78		
5	QPSK	12	0	17.70	17.81	17.72	19.2	0
5	QPSK	12	7	17.80	17.77	17.77		
5	QPSK	12	13	17.71	17.80	17.69		
5	QPSK	25	0	17.55	17.80	17.52		
5	16QAM	1	0	17.58	17.70	17.84	19.2	0
5	16QAM	1	12	17.70	17.68	17.72		
5	16QAM	1	24	17.63	17.60	17.68		
5	16QAM	12	0	17.84	17.77	17.77	19.2	0
5	16QAM	12	7	17.78	17.81	17.88		
5	16QAM	12	13	17.85	17.71	17.77		
5	16QAM	25	0	17.72	17.82	17.75		
5	64QAM	1	0	17.68	17.69	17.79	19.2	0
5	64QAM	1	12	17.70	17.77	17.78		
5	64QAM	1	24	17.82	17.94	17.88		
5	64QAM	12	0	17.88	17.76	17.77	19.2	0
5	64QAM	12	7	17.64	17.72	17.76		
5	64QAM	12	13	17.70	17.76	17.81		
5	64QAM	25	0	17.74	17.76	17.82		
5	256QAM	1	0	17.79	17.92	17.69	19.2	0
5	256QAM	1	12	17.65	17.94	17.68		
5	256QAM	1	24	17.88	17.80	17.87		
5	256QAM	12	0	17.72	17.80	17.78	19.2	0
5	256QAM	12	7	17.66	17.86	17.75		
5	256QAM	12	13	17.74	17.77	17.84		
5	256QAM	25	0	17.75	17.74	17.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.43	17.45	17.58	17.35	17.36	18.7	0
20	QPSK	1	49	17.35	17.47	17.48	17.48	17.45		
20	QPSK	1	99	17.30	17.35	17.39	17.39	17.38		
20	QPSK	50	0	17.22	17.20	17.50	17.28	17.24	18.7	0
20	QPSK	50	24	17.31	17.27	17.30	17.29	17.27		
20	QPSK	50	50	17.22	17.29	17.31	17.25	17.18		
20	QPSK	100	0	17.05	17.07	17.25	17.11	17.05		
20	16QAM	1	0	17.15	17.23	17.29	17.35	17.32	18.7	0
20	16QAM	1	49	17.19	17.25	17.23	17.35	17.31		
20	16QAM	1	99	17.12	17.24	17.16	17.27	17.16		
20	16QAM	50	0	17.27	17.36	17.24	17.19	17.23	18.7	0
20	16QAM	50	24	17.30	17.41	17.34	17.35	17.42		
20	16QAM	50	50	17.41	17.28	17.30	17.29	17.26		
20	16QAM	100	0	17.24	17.23	17.45	17.34	17.33		
20	64QAM	1	0	17.28	17.28	17.35	17.32	17.40	18.7	0
20	64QAM	1	49	17.24	17.21	17.29	17.42	17.33		
20	64QAM	1	99	17.25	17.35	17.37	17.35	17.39		
20	64QAM	50	0	17.29	17.34	17.38	17.27	17.36	18.7	0
20	64QAM	50	24	17.32	17.29	17.39	17.29	17.18		
20	64QAM	50	50	17.24	17.19	17.45	17.36	17.50		
20	64QAM	100	0	17.27	17.35	17.42	17.35	17.37		
20	256QAM	1	0	17.34	17.32	17.40	17.24	17.24	18.7	0
20	256QAM	1	49	17.17	17.26	17.51	17.36	17.37		
20	256QAM	1	99	17.33	17.40	17.32	17.38	17.29		
20	256QAM	50	0	17.31	17.26	17.46	17.28	17.36	18.7	0
20	256QAM	50	24	17.13	17.14	17.30	17.41	17.39		
20	256QAM	50	50	17.26	17.26	17.28	17.36	17.41		
20	256QAM	100	0	17.24	17.21	17.43	17.31	17.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.26	17.33	17.43	17.39	17.27	19	0
15	QPSK	1	37	17.27	17.38	17.35	17.27	17.24		
15	QPSK	1	74	17.24	17.23	17.37	17.21	17.26		
15	QPSK	36	0	17.15	17.07	17.39	17.20	17.16	18.7	0
15	QPSK	36	20	17.17	17.20	17.18	17.13	17.13		
15	QPSK	36	39	17.09	17.09	17.15	17.14	17.16		
15	QPSK	75	0	16.92	17.05	17.22	16.92	16.94		
15	16QAM	1	0	17.16	17.16	17.20	17.28	17.24	18.7	0
15	16QAM	1	37	17.20	17.14	17.04	17.19	17.14		
15	16QAM	1	74	17.12	17.10	17.14	17.15	17.07		
15	16QAM	36	0	17.21	17.22	17.13	17.09	17.14	18.7	0
15	16QAM	36	20	17.19	17.26	17.24	17.24	17.35		
15	16QAM	36	39	17.21	17.25	17.17	17.17	17.25		
15	16QAM	75	0	17.11	17.12	17.30	17.24	17.26		
15	64QAM	1	0	17.11	17.18	17.18	17.34	17.34	18.7	0
15	64QAM	1	37	17.24	17.17	17.14	17.18	17.31		
15	64QAM	1	74	17.22	17.16	17.32	17.19	17.28		
15	64QAM	36	0	17.22	17.29	17.33	17.23	17.17	18.7	0
15	64QAM	36	20	17.18	17.15	17.25	17.13	17.18		
15	64QAM	36	39	17.17	17.10	17.37	17.36	17.38		
15	64QAM	75	0	17.22	17.28	17.32	17.30	17.34		
15	256QAM	1	0	17.15	17.14	17.33	17.24	17.13	18.7	0
15	256QAM	1	37	17.12	17.16	17.36	17.21	17.20		
15	256QAM	1	74	17.34	17.19	17.27	17.18	17.22		
15	256QAM	36	0	17.18	17.26	17.32	17.23	17.16	18.7	0
15	256QAM	36	20	17.06	17.13	17.19	17.26	17.19		
15	256QAM	36	39	17.26	17.15	17.29	17.24	17.27		
15	256QAM	75	0	17.16	17.22	17.19	17.26	17.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.28	17.29	17.44	17.28	17.30	19	0
10	QPSK	1	25	17.31	17.29	17.32	17.34	17.35		
10	QPSK	1	49	17.29	17.23	17.35	17.32	17.29		
10	QPSK	25	0	17.21	17.10	17.36	17.26	17.24	18.7	0
10	QPSK	25	12	17.14	17.13	17.21	17.19	17.15		
10	QPSK	25	25	17.15	17.20	17.23	17.18	17.13		
10	QPSK	50	0	16.94	17.04	17.13	16.97	16.90		
10	16QAM	1	0	17.02	17.14	17.14	17.22	17.17	18.7	0
10	16QAM	1	25	17.14	17.07	17.04	17.14	17.24		
10	16QAM	1	49	17.07	17.12	17.07	17.18	17.12		
10	16QAM	25	0	17.21	17.27	17.17	17.09	17.21	18.7	0
10	16QAM	25	12	17.16	17.27	17.16	17.36	17.25		
10	16QAM	25	25	17.27	17.26	17.25	17.30	17.23		
10	16QAM	50	0	17.15	17.17	17.25	17.19	17.19		
10	64QAM	1	0	17.26	17.25	17.26	17.24	17.31	18.7	0
10	64QAM	1	25	17.16	17.10	17.19	17.25	17.31		
10	64QAM	1	49	17.26	17.18	17.39	17.29	17.19		
10	64QAM	25	0	17.17	17.17	17.31	17.18	17.27	18.7	0
10	64QAM	25	12	17.23	17.09	17.27	17.19	17.19		
10	64QAM	25	25	17.20	17.14	17.33	17.38	17.26		
10	64QAM	50	0	17.27	17.29	17.26	17.21	17.34		
10	256QAM	1	0	17.12	17.23	17.36	17.20	17.24	18.7	0
10	256QAM	1	25	17.10	17.17	17.46	17.25	17.28		
10	256QAM	1	49	17.23	17.34	17.27	17.16	17.28		
10	256QAM	25	0	17.14	17.26	17.39	17.21	17.22	18.7	0
10	256QAM	25	12	17.11	17.03	17.24	17.19	17.19		
10	256QAM	25	25	17.20	17.24	17.17	17.24	17.26		
10	256QAM	50	0	17.17	17.20	17.25	17.25	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.25	17.26	17.38	17.34	17.26	19	0
5	QPSK	1	12	17.29	17.25	17.31	17.30	17.28		
5	QPSK	1	24	17.19	17.32	17.35	17.22	17.27		
5	QPSK	12	0	17.22	17.12	17.24	17.21	17.20	18.7	0
5	QPSK	12	7	17.13	17.12	17.11	17.07	17.21		
5	QPSK	12	13	17.18	17.06	17.18	17.05	17.12		
5	QPSK	25	0	16.92	17.07	17.13	16.92	16.95		
5	16QAM	1	0	17.10	17.11	17.15	17.28	17.27	18.7	0
5	16QAM	1	12	17.13	17.05	17.05	17.22	17.12		
5	16QAM	1	24	17.06	17.13	17.16	17.08	17.17		
5	16QAM	12	0	17.16	17.25	17.09	17.13	17.17	18.7	0
5	16QAM	12	7	17.17	17.15	17.18	17.32	17.23		
5	16QAM	12	13	17.18	17.28	17.18	17.23	17.22		
5	16QAM	25	0	17.07	17.19	17.25	17.23	17.26		
5	64QAM	1	0	17.20	17.24	17.22	17.29	17.33	18.7	0
5	64QAM	1	12	17.12	17.13	17.15	17.22	17.23		
5	64QAM	1	24	17.21	17.20	17.34	17.25	17.32		
5	64QAM	12	0	17.18	17.20	17.30	17.25	17.12	18.7	0
5	64QAM	12	7	17.18	17.14	17.25	17.18	17.16		
5	64QAM	12	13	17.11	17.21	17.35	17.36	17.31		
5	64QAM	25	0	17.18	17.27	17.26	17.22	17.28		
5	256QAM	1	0	17.27	17.24	17.29	17.15	17.12	18.7	0
5	256QAM	1	12	17.11	17.12	17.43	17.13	17.28		
5	256QAM	1	24	17.22	17.32	17.20	17.21	17.24		
5	256QAM	12	0	17.15	17.15	17.29	17.26	17.27	18.7	0
5	256QAM	12	7	17.10	17.08	17.30	17.17	17.24		
5	256QAM	12	13	17.11	17.22	17.26	17.31	17.25		
5	256QAM	25	0	17.20	17.20	17.30	17.29	17.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.74	23.89	23.61	25.5	0
20	QPSK	1	49	23.64	23.70	23.71		
20	QPSK	1	99	23.66	23.62	23.64		
20	QPSK	50	0	22.91	22.97	22.85	24.5	1
20	QPSK	50	24	22.80	22.86	22.71		
20	QPSK	50	50	22.79	22.88	22.82		
20	QPSK	100	0	22.66	22.72	22.59		
20	16QAM	1	0	22.59	22.66	22.57	24.5	1
20	16QAM	1	49	22.54	22.56	22.54		
20	16QAM	1	99	22.55	22.63	22.51		
20	16QAM	50	0	21.62	21.64	21.72	23.5	2
20	16QAM	50	24	21.54	21.52	21.60		
20	16QAM	50	50	21.59	21.67	21.72		
20	16QAM	100	0	21.75	21.95	21.87		
20	64QAM	1	0	21.51	21.65	21.50	23.5	2
20	64QAM	1	49	21.50	21.62	21.57		
20	64QAM	1	99	21.59	21.79	21.57		
20	64QAM	50	0	20.59	20.73	20.77	22.5	3
20	64QAM	50	24	20.50	20.77	20.65		
20	64QAM	50	50	20.55	20.65	20.68		
20	64QAM	100	0	20.75	20.90	20.79		
20	256QAM	1	0	18.57	18.73	18.57	20.5	5
20	256QAM	1	49	18.58	18.64	18.51		
20	256QAM	1	99	18.53	18.53	18.54		
20	256QAM	50	0	18.71	18.64	18.68	20.5	5
20	256QAM	50	24	18.67	18.72	18.56		
20	256QAM	50	50	18.64	18.72	18.56		
20	256QAM	100	0	18.70	18.81	18.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.64	23.68	23.50	25.5	0
15	QPSK	1	37	23.51	23.56	23.60		
15	QPSK	1	74	23.52	23.58	23.55		
15	QPSK	36	0	22.80	22.83	22.72	24.5	1
15	QPSK	36	20	22.58	22.69	22.56		
15	QPSK	36	39	22.56	22.66	22.69		
15	QPSK	75	0	22.53	22.53	22.51		
15	16QAM	1	0	22.52	22.63	22.53	24.5	1
15	16QAM	1	37	22.51	22.61	22.54		
15	16QAM	1	74	22.53	22.62	22.51		
15	16QAM	36	0	21.51	21.61	21.66	23.5	2
15	16QAM	36	20	21.54	21.63	21.51		
15	16QAM	36	39	21.54	21.63	21.64		
15	16QAM	75	0	21.67	21.85	21.78		
15	64QAM	1	0	21.54	21.64	21.56	23.5	2
15	64QAM	1	37	21.53	21.69	21.57		
15	64QAM	1	74	21.51	21.72	21.51		
15	64QAM	36	0	20.58	20.65	20.68	22.5	3
15	64QAM	36	20	20.62	20.72	20.53		
15	64QAM	36	39	20.56	20.58	20.65		
15	64QAM	75	0	20.71	20.82	20.71		
15	256QAM	1	0	18.57	18.65	18.59	20.5	5
15	256QAM	1	37	18.59	18.60	18.54		
15	256QAM	1	74	18.51	18.53	18.54		
15	256QAM	36	0	18.55	18.59	18.50	20.5	5
15	256QAM	36	20	18.59	18.59	18.56		
15	256QAM	36	39	18.59	18.64	18.57		
15	256QAM	75	0	18.52	18.73	18.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.73	23.79	23.52	25.5	0
10	QPSK	1	25	23.52	23.57	23.61		
10	QPSK	1	49	23.54	23.62	23.64		
10	QPSK	25	0	22.85	22.81	22.79	24.5	1
10	QPSK	25	12	22.55	22.78	22.56		
10	QPSK	25	25	22.53	22.73	22.76		
10	QPSK	50	0	22.59	22.60	22.61		
10	16QAM	1	0	22.52	22.65	22.57	24.5	1
10	16QAM	1	25	22.57	22.61	22.56		
10	16QAM	1	49	22.62	22.72	22.50		
10	16QAM	25	0	21.55	21.61	21.65	23.5	2
10	16QAM	25	12	21.54	21.63	21.58		
10	16QAM	25	25	21.56	21.70	21.72		
10	16QAM	50	0	21.68	21.88	21.80		
10	64QAM	1	0	21.52	21.70	21.56	23.5	2
10	64QAM	1	25	21.54	21.73	21.65		
10	64QAM	1	49	21.58	21.77	21.52		
10	64QAM	25	0	20.66	20.66	20.77	22.5	3
10	64QAM	25	12	20.61	20.74	20.62		
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.68	20.82	20.79		
10	256QAM	1	0	18.61	18.74	18.54	20.5	5
10	256QAM	1	25	18.61	18.63	18.57		
10	256QAM	1	49	18.52	18.51	18.61		
10	256QAM	25	0	18.57	18.55	18.51	20.5	5
10	256QAM	25	12	18.58	18.59	18.56		
10	256QAM	25	25	18.62	18.71	18.62		
10	256QAM	50	0	18.57	18.77	18.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.66	23.74	23.58	25.5	0
5	QPSK	1	12	23.62	23.59	23.63		
5	QPSK	1	24	23.61	23.66	23.56		
5	QPSK	12	0	22.80	22.86	22.78	24.5	1
5	QPSK	12	7	22.67	22.71	22.62		
5	QPSK	12	13	22.64	22.66	22.76		
5	QPSK	25	0	22.54	22.56	22.57		
5	16QAM	1	0	22.55	22.62	22.59	24.5	1
5	16QAM	1	12	22.50	22.59	22.55		
5	16QAM	1	24	22.52	22.72	22.50		
5	16QAM	12	0	21.54	21.62	21.71	23.5	2
5	16QAM	12	7	21.52	21.71	21.54		
5	16QAM	12	13	21.60	21.60	21.73		
5	16QAM	25	0	21.74	21.94	21.77		
5	64QAM	1	0	21.64	21.65	21.52	23.5	2
5	64QAM	1	12	21.57	21.70	21.64		
5	64QAM	1	24	21.51	21.81	21.54		
5	64QAM	12	0	20.59	20.68	20.78	22.5	3
5	64QAM	12	7	20.58	20.77	20.55		
5	64QAM	12	13	20.60	20.64	20.67		
5	64QAM	25	0	20.73	20.83	20.68		
5	256QAM	1	0	18.53	18.75	18.59	20.5	5
5	256QAM	1	12	18.68	18.64	18.61		
5	256QAM	1	24	18.57	18.54	18.50		
5	256QAM	12	0	18.54	18.65	18.61	20.5	5
5	256QAM	12	7	18.58	18.66	18.67		
5	256QAM	12	13	18.61	18.63	18.60		
5	256QAM	25	0	18.67	18.74	18.56		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.69	23.67	23.59	25.5	0
3	QPSK	1	8	23.51	23.64	23.62		
3	QPSK	1	14	23.60	23.56	23.65		
3	QPSK	8	0	22.78	22.82	22.73	24.5	1
3	QPSK	8	4	22.58	22.80	22.59		
3	QPSK	8	7	22.57	22.69	22.74		
3	QPSK	15	0	22.54	22.53	22.58		
3	16QAM	1	0	22.50	22.68	22.56	24.5	1
3	16QAM	1	8	22.61	22.56	22.57		
3	16QAM	1	14	22.50	22.61	22.61		
3	16QAM	8	0	21.53	21.64	21.64	23.5	2
3	16QAM	8	4	21.52	21.59	21.59		
3	16QAM	8	7	21.54	21.65	21.64		
3	16QAM	15	0	21.78	21.85	21.80		
3	64QAM	1	0	21.61	21.67	21.62	23.5	2
3	64QAM	1	8	21.58	21.73	21.56		
3	64QAM	1	14	21.54	21.70	21.55		
3	64QAM	8	0	20.66	20.65	20.78	22.5	3
3	64QAM	8	4	20.65	20.77	20.62		
3	64QAM	8	7	20.54	20.64	20.65		
3	64QAM	15	0	20.72	20.90	20.77		
3	256QAM	1	0	18.55	18.72	18.69	20.5	5
3	256QAM	1	8	18.56	18.61	18.62		
3	256QAM	1	14	18.51	18.60	18.54		
3	256QAM	8	0	18.61	18.61	18.50	20.5	5
3	256QAM	8	4	18.55	18.67	18.62		
3	256QAM	8	7	18.67	18.75	18.57		
3	256QAM	15	0	18.53	18.80	18.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.66	23.66	23.58	25.5	0
1.4	QPSK	1	3	23.62	23.54	23.55		
1.4	QPSK	1	5	23.67	23.57	23.64		
1.4	QPSK	3	0	23.70	23.66	23.57		
1.4	QPSK	3	1	23.53	23.52	23.57		
1.4	QPSK	3	3	23.51	23.65	23.59		
1.4	QPSK	6	0	22.83	22.93	22.72	24.5	1
1.4	16QAM	1	0	22.62	22.69	22.63	24.5	1
1.4	16QAM	1	3	22.56	22.77	22.77		
1.4	16QAM	1	5	22.63	22.55	22.61		
1.4	16QAM	3	0	22.62	22.59	22.53		
1.4	16QAM	3	1	22.62	22.71	22.59		
1.4	16QAM	3	3	22.58	22.65	22.59		
1.4	16QAM	6	0	21.53	21.60	21.68	23.5	2
1.4	64QAM	1	0	21.57	21.72	21.61	23.5	2
1.4	64QAM	1	3	21.59	21.63	21.72		
1.4	64QAM	1	5	21.71	21.83	21.74		
1.4	64QAM	3	0	21.59	21.71	21.53		
1.4	64QAM	3	1	21.52	21.77	21.60		
1.4	64QAM	3	3	21.59	21.68	21.51		
1.4	64QAM	6	0	20.65	20.73	20.66	22.5	3
1.4	256QAM	1	0	18.60	18.73	18.60	20.5	5
1.4	256QAM	1	3	18.63	18.60	18.61		
1.4	256QAM	1	5	18.50	18.64	18.65		
1.4	256QAM	3	0	18.53	18.63	18.61		
1.4	256QAM	3	1	18.67	18.60	18.66		
1.4	256QAM	3	3	18.66	18.66	18.63		
1.4	256QAM	6	0	18.64	18.75	18.66	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.71	24.75	24.54	25.7	0
20	QPSK	1	49	24.66	24.67	24.61		
20	QPSK	1	99	24.58	24.61	24.58		
20	QPSK	50	0	23.77	23.99	23.81	24.7	1
20	QPSK	50	24	23.75	23.82	23.69		
20	QPSK	50	50	23.71	23.88	23.78		
20	QPSK	100	0	23.57	23.61	23.47		
20	16QAM	1	0	23.42	23.52	23.42	24.7	1
20	16QAM	1	49	23.37	23.40	23.42		
20	16QAM	1	99	23.38	23.62	23.50		
20	16QAM	50	0	22.61	22.64	22.65	23.7	2
20	16QAM	50	24	22.54	22.48	22.64		
20	16QAM	50	50	22.56	22.66	22.57		
20	16QAM	100	0	22.65	22.87	22.83		
20	64QAM	1	0	22.53	22.68	22.45	23.7	2
20	64QAM	1	49	22.39	22.66	22.46		
20	64QAM	1	99	22.39	22.69	22.29		
20	64QAM	50	0	21.51	21.77	21.73	22.7	3
20	64QAM	50	24	21.45	21.65	21.62		
20	64QAM	50	50	21.53	21.62	21.65		
20	64QAM	100	0	21.66	21.80	21.80		
20	256QAM	1	0	19.50	19.73	19.43	20.7	5
20	256QAM	1	49	19.49	19.55	19.52		
20	256QAM	1	99	19.40	19.50	19.47		
20	256QAM	50	0	19.63	19.69	19.61	20.7	5
20	256QAM	50	24	19.66	19.58	19.49		
20	256QAM	50	50	19.59	19.69	19.54		
20	256QAM	100	0	19.73	19.69	19.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.68	24.68	24.49	25.7	0
15	QPSK	1	37	24.57	24.58	24.53		
15	QPSK	1	74	24.50	24.52	24.56		
15	QPSK	36	0	23.65	23.87	23.79	24.7	1
15	QPSK	36	20	23.71	23.74	23.63		
15	QPSK	36	39	23.58	23.72	23.72		
15	QPSK	75	0	23.42	23.47	23.32		
15	16QAM	1	0	23.29	23.35	23.36	24.7	1
15	16QAM	1	37	23.26	23.26	23.32		
15	16QAM	1	74	23.22	23.49	23.40		
15	16QAM	36	0	22.51	22.54	22.52	23.7	2
15	16QAM	36	20	22.49	22.37	22.48		
15	16QAM	36	39	22.52	22.50	22.42		
15	16QAM	75	0	22.49	22.84	22.76		
15	64QAM	1	0	22.44	22.55	22.42	23.7	2
15	64QAM	1	37	22.33	22.48	22.32		
15	64QAM	1	74	22.22	22.63	22.15		
15	64QAM	36	0	21.42	21.63	21.64	22.7	3
15	64QAM	36	20	21.27	21.55	21.53		
15	64QAM	36	39	21.45	21.53	21.59		
15	64QAM	75	0	21.49	21.64	21.62		
15	256QAM	1	0	19.47	19.62	19.27	20.7	5
15	256QAM	1	37	19.46	19.38	19.45		
15	256QAM	1	74	19.30	19.47	19.44		
15	256QAM	36	0	19.61	19.53	19.50	20.7	5
15	256QAM	36	20	19.52	19.54	19.42		
15	256QAM	36	39	19.55	19.52	19.43		
15	256QAM	75	0	19.60	19.63	19.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.61	24.58	24.49	25.7	0
10	QPSK	1	25	24.54	24.55	24.54		
10	QPSK	1	49	24.54	24.55	24.40		
10	QPSK	25	0	23.67	23.96	23.75	24.7	1
10	QPSK	25	12	23.62	23.64	23.62		
10	QPSK	25	25	23.63	23.84	23.69		
10	QPSK	50	0	23.42	23.59	23.30		
10	16QAM	1	0	23.39	23.49	23.36	24.7	1
10	16QAM	1	25	23.31	23.32	23.25		
10	16QAM	1	49	23.28	23.60	23.35		
10	16QAM	25	0	22.50	22.50	22.49	23.7	2
10	16QAM	25	12	22.46	22.39	22.61		
10	16QAM	25	25	22.41	22.64	22.46		
10	16QAM	50	0	22.59	22.74	22.81		
10	64QAM	1	0	22.50	22.58	22.39	23.7	2
10	64QAM	1	25	22.23	22.56	22.40		
10	64QAM	1	49	22.35	22.64	22.16		
10	64QAM	25	0	21.48	21.64	21.56	22.7	3
10	64QAM	25	12	21.41	21.57	21.49		
10	64QAM	25	25	21.39	21.59	21.54		
10	64QAM	50	0	21.49	21.73	21.65		
10	256QAM	1	0	19.43	19.58	19.40	20.7	5
10	256QAM	1	25	19.44	19.38	19.35		
10	256QAM	1	49	19.29	19.33	19.32		
10	256QAM	25	0	19.48	19.56	19.53	20.7	5
10	256QAM	25	12	19.52	19.40	19.41		
10	256QAM	25	25	19.46	19.64	19.48		
10	256QAM	50	0	19.68	19.60	19.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.59	24.64	24.51	25.7	0
5	QPSK	1	12	24.60	24.53	24.55		
5	QPSK	1	24	24.52	24.47	24.55		
5	QPSK	12	0	23.60	23.91	23.66	24.7	1
5	QPSK	12	7	23.60	23.70	23.64		
5	QPSK	12	13	23.60	23.85	23.72		
5	QPSK	25	0	23.45	23.50	23.40		
5	16QAM	1	0	23.38	23.43	23.26	24.7	1
5	16QAM	1	12	23.26	23.23	23.26		
5	16QAM	1	24	23.22	23.45	23.42		
5	16QAM	12	0	22.47	22.59	22.54	23.7	2
5	16QAM	12	7	22.40	22.37	22.56		
5	16QAM	12	13	22.44	22.59	22.39		
5	16QAM	25	0	22.48	22.83	22.81		
5	64QAM	1	0	22.37	22.64	22.29	23.7	2
5	64QAM	1	12	22.35	22.61	22.34		
5	64QAM	1	24	22.29	22.64	22.14		
5	64QAM	12	0	21.37	21.66	21.66	22.7	3
5	64QAM	12	7	21.37	21.53	21.45		
5	64QAM	12	13	21.48	21.51	21.49		
5	64QAM	25	0	21.51	21.71	21.77		
5	256QAM	1	0	19.32	19.56	19.33	20.7	5
5	256QAM	1	12	19.47	19.44	19.37		
5	256QAM	1	24	19.23	19.44	19.29		
5	256QAM	12	0	19.55	19.58	19.43	20.7	5
5	256QAM	12	7	19.52	19.54	19.40		
5	256QAM	12	13	19.43	19.62	19.41		
5	256QAM	25	0	19.61	19.63	19.44		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.54	24.66	24.49	25.7	0
3	QPSK	1	8	24.62	24.60	24.43		
3	QPSK	1	14	24.52	24.50	24.51		
3	QPSK	8	0	23.72	23.87	23.72	24.7	1
3	QPSK	8	4	23.58	23.75	23.56		
3	QPSK	8	7	23.69	23.74	23.71		
3	QPSK	15	0	23.42	23.49	23.35		
3	16QAM	1	0	23.29	23.37	23.25	24.7	1
3	16QAM	1	8	23.21	23.27	23.26		
3	16QAM	1	14	23.23	23.44	23.46		
3	16QAM	8	0	22.50	22.60	22.49	23.7	2
3	16QAM	8	4	22.51	22.32	22.46		
3	16QAM	8	7	22.50	22.58	22.40		
3	16QAM	15	0	22.58	22.76	22.71		
3	64QAM	1	0	22.48	22.59	22.31	23.7	2
3	64QAM	1	8	22.21	22.62	22.28		
3	64QAM	1	14	22.24	22.52	22.21		
3	64QAM	8	0	21.38	21.63	21.65	22.7	3
3	64QAM	8	4	21.30	21.52	21.57		
3	64QAM	8	7	21.48	21.50	21.52		
3	64QAM	15	0	21.48	21.75	21.69		
3	256QAM	1	0	19.37	19.63	19.32	20.7	5
3	256QAM	1	8	19.36	19.41	19.47		
3	256QAM	1	14	19.25	19.37	19.29		
3	256QAM	8	0	19.50	19.55	19.54	20.7	5
3	256QAM	8	4	19.49	19.47	19.46		
3	256QAM	8	7	19.46	19.52	19.51		
3	256QAM	15	0	19.58	19.62	19.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.54	24.72	24.51	25.7	0
1.4	QPSK	1	3	24.57	24.62	24.49		
1.4	QPSK	1	5	24.54	24.51	24.54		
1.4	QPSK	3	0	24.53	24.68	24.39		
1.4	QPSK	3	1	24.52	24.56	24.46		
1.4	QPSK	3	3	24.54	24.58	24.44		
1.4	QPSK	6	0	23.59	23.91	23.76	24.7	1
1.4	16QAM	1	0	23.59	23.78	23.65	24.7	1
1.4	16QAM	1	3	23.62	23.74	23.73		
1.4	16QAM	1	5	23.40	23.54	23.34		
1.4	16QAM	3	0	23.37	23.50	23.32		
1.4	16QAM	3	1	23.22	23.28	23.29		
1.4	16QAM	3	3	23.21	23.55	23.33		
1.4	16QAM	6	0	22.43	22.62	22.55	23.7	2
1.4	64QAM	1	0	22.41	22.44	22.46	23.7	2
1.4	64QAM	1	3	22.52	22.59	22.43		
1.4	64QAM	1	5	22.58	22.83	22.70		
1.4	64QAM	3	0	22.42	22.55	22.34		
1.4	64QAM	3	1	22.32	22.58	22.40		
1.4	64QAM	3	3	22.27	22.53	22.12		
1.4	64QAM	6	0	21.43	21.46	21.49	22.7	3
1.4	256QAM	1	0	19.34	19.58	19.34	20.7	5
1.4	256QAM	1	3	19.35	19.48	19.50		
1.4	256QAM	1	5	19.28	19.34	19.30		
1.4	256QAM	3	0	19.59	19.63	19.56		
1.4	256QAM	3	1	19.56	19.46	19.33		
1.4	256QAM	3	3	19.44	19.59	19.50		
1.4	256QAM	6	0	19.71	19.55	19.57	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.56	24.66	24.49	25.7	0
20	QPSK	1	49	24.48	24.53	24.56		
20	QPSK	1	99	24.50	24.46	24.51		
20	QPSK	50	0	23.69	23.83	23.73	24.7	1
20	QPSK	50	24	23.55	23.70	23.54		
20	QPSK	50	50	23.55	23.65	23.62		
20	QPSK	100	0	23.37	23.48	23.28		
20	16QAM	1	0	23.28	23.48	23.35	24.7	1
20	16QAM	1	49	23.27	23.29	23.29		
20	16QAM	1	99	23.28	23.49	23.30		
20	16QAM	50	0	22.42	22.43	22.50	23.7	2
20	16QAM	50	24	22.38	22.39	22.49		
20	16QAM	50	50	22.39	22.52	22.49		
20	16QAM	100	0	22.53	22.80	22.67		
20	64QAM	1	0	22.33	22.45	22.32	23.7	2
20	64QAM	1	49	22.30	22.42	22.34		
20	64QAM	1	99	22.28	22.56	22.19		
20	64QAM	50	0	21.44	21.56	21.61	22.7	3
20	64QAM	50	24	21.40	21.53	21.38		
20	64QAM	50	50	21.38	21.44	21.47		
20	64QAM	100	0	21.51	21.67	21.66		
20	256QAM	1	0	19.41	19.63	19.35	20.7	5
20	256QAM	1	49	19.29	19.44	19.38		
20	256QAM	1	99	19.28	19.28	19.32		
20	256QAM	50	0	19.46	19.55	19.53	20.7	5
20	256QAM	50	24	19.45	19.43	19.36		
20	256QAM	50	50	19.44	19.64	19.42		
20	256QAM	100	0	19.57	19.64	19.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.57	24.33	25.7	0
15	QPSK	1	37	24.42	24.36	24.48		
15	QPSK	1	74	24.34	24.37	24.48		
15	QPSK	36	0	23.55	23.79	23.60	24.7	1
15	QPSK	36	20	23.41	23.67	23.44		
15	QPSK	36	39	23.46	23.52	23.56		
15	QPSK	75	0	23.24	23.44	23.10		
15	16QAM	1	0	23.18	23.35	23.30	24.7	1
15	16QAM	1	37	23.21	23.23	23.18		
15	16QAM	1	74	23.12	23.41	23.24		
15	16QAM	36	0	22.34	22.30	22.45	23.7	2
15	16QAM	36	20	22.28	22.28	22.34		
15	16QAM	36	39	22.32	22.44	22.47		
15	16QAM	75	0	22.39	22.70	22.62		
15	64QAM	1	0	22.18	22.32	22.18	23.7	2
15	64QAM	1	37	22.19	22.30	22.22		
15	64QAM	1	74	22.19	22.46	22.06		
15	64QAM	36	0	21.33	21.45	21.45	22.7	3
15	64QAM	36	20	21.34	21.49	21.32		
15	64QAM	36	39	21.27	21.39	21.42		
15	64QAM	75	0	21.33	21.50	21.49		
15	256QAM	1	0	19.24	19.60	19.31	20.7	5
15	256QAM	1	37	19.13	19.26	19.34		
15	256QAM	1	74	19.14	19.13	19.14		
15	256QAM	36	0	19.36	19.44	19.50	20.7	5
15	256QAM	36	20	19.35	19.40	19.25		
15	256QAM	36	39	19.38	19.57	19.34		
15	256QAM	75	0	19.54	19.55	19.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.42	24.58	24.36	25.7	0
10	QPSK	1	25	24.31	24.38	24.48		
10	QPSK	1	49	24.40	24.40	24.35		
10	QPSK	25	0	23.56	23.78	23.59	24.7	1
10	QPSK	25	12	23.51	23.66	23.42		
10	QPSK	25	25	23.46	23.49	23.53		
10	QPSK	50	0	23.31	23.36	23.11		
10	16QAM	1	0	23.21	23.30	23.32	24.7	1
10	16QAM	1	25	23.21	23.22	23.13		
10	16QAM	1	49	23.23	23.40	23.13		
10	16QAM	25	0	22.30	22.28	22.47	23.7	2
10	16QAM	25	12	22.33	22.31	22.35		
10	16QAM	25	25	22.27	22.42	22.37		
10	16QAM	50	0	22.37	22.73	22.50		
10	64QAM	1	0	22.30	22.41	22.16	23.7	2
10	64QAM	1	25	22.19	22.24	22.24		
10	64QAM	1	49	22.25	22.48	22.09		
10	64QAM	25	0	21.41	21.48	21.50	22.7	3
10	64QAM	25	12	21.24	21.48	21.36		
10	64QAM	25	25	21.34	21.40	21.35		
10	64QAM	50	0	21.41	21.51	21.49		
10	256QAM	1	0	19.35	19.46	19.29	20.7	5
10	256QAM	1	25	19.19	19.26	19.36		
10	256QAM	1	49	19.11	19.22	19.25		
10	256QAM	25	0	19.28	19.42	19.38	20.7	5
10	256QAM	25	12	19.28	19.40	19.27		
10	256QAM	25	25	19.28	19.58	19.36		
10	256QAM	50	0	19.41	19.60	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.51	24.48	24.32	25.7	0
5	QPSK	1	12	24.40	24.44	24.47		
5	QPSK	1	24	24.47	24.43	24.48		
5	QPSK	12	0	23.52	23.70	23.66	24.7	1
5	QPSK	12	7	23.44	23.60	23.45		
5	QPSK	12	13	23.50	23.54	23.50		
5	QPSK	25	0	23.34	23.40	23.14		
5	16QAM	1	0	23.15	23.31	23.20	24.7	1
5	16QAM	1	12	23.17	23.12	23.25		
5	16QAM	1	24	23.17	23.37	23.19		
5	16QAM	12	0	22.36	22.28	22.47	23.7	2
5	16QAM	12	7	22.24	22.33	22.40		
5	16QAM	12	13	22.30	22.34	22.39		
5	16QAM	25	0	22.50	22.63	22.63		
5	64QAM	1	0	22.25	22.28	22.18	23.7	2
5	64QAM	1	12	22.18	22.38	22.22		
5	64QAM	1	24	22.26	22.49	22.02		
5	64QAM	12	0	21.28	21.47	21.56	22.7	3
5	64QAM	12	7	21.35	21.45	21.25		
5	64QAM	12	13	21.22	21.39	21.29		
5	64QAM	25	0	21.35	21.53	21.49		
5	256QAM	1	0	19.25	19.51	19.20	20.7	5
5	256QAM	1	12	19.14	19.27	19.28		
5	256QAM	1	24	19.11	19.15	19.22		
5	256QAM	12	0	19.37	19.48	19.47	20.7	5
5	256QAM	12	7	19.39	19.29	19.19		
5	256QAM	12	13	19.27	19.57	19.32		
5	256QAM	25	0	19.40	19.59	19.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.81	23.82	23.61	25.5	0
20	QPSK	1	49	23.70	23.69	23.71		
20	QPSK	1	99	23.65	23.66	23.68		
20	QPSK	50	0	22.85	23.02	22.91	24.5	1
20	QPSK	50	24	22.82	22.85	22.74		
20	QPSK	50	50	22.80	22.89	22.81		
20	QPSK	100	0	22.63	22.74	22.55		
20	16QAM	1	0	22.55	22.63	22.58	24.5	1
20	16QAM	1	49	22.52	22.54	22.52		
20	16QAM	1	99	22.59	22.59	22.57		
20	16QAM	50	0	21.70	21.68	21.66	23.5	2
20	16QAM	50	24	21.56	21.54	21.63		
20	16QAM	50	50	21.59	21.70	21.63		
20	16QAM	100	0	21.76	22.01	21.87		
20	64QAM	1	0	21.55	21.65	21.54	23.5	2
20	64QAM	1	49	21.51	21.69	21.56		
20	64QAM	1	99	21.59	21.72	21.55		
20	64QAM	50	0	20.53	20.80	20.86	22.5	3
20	64QAM	50	24	20.58	20.79	20.60		
20	64QAM	50	50	20.64	20.69	20.67		
20	64QAM	100	0	20.73	20.84	20.79		
20	256QAM	1	0	18.66	18.78	18.56	20.5	5
20	256QAM	1	49	18.57	18.62	18.55		
20	256QAM	1	99	18.51	18.59	18.51		
20	256QAM	50	0	18.68	18.72	18.67	20.5	5
20	256QAM	50	24	18.74	18.71	18.54		
20	256QAM	50	50	18.67	18.75	18.60		
20	256QAM	100	0	18.70	18.84	18.73		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.72	23.81	23.64	25.5	0
15	QPSK	1	37	23.79	23.78	23.70		
15	QPSK	1	74	23.68	23.70	23.71		
15	QPSK	36	0	22.83	23.09	22.88	24.5	1
15	QPSK	36	20	22.92	22.82	22.70		
15	QPSK	36	39	22.81	22.91	22.85		
15	QPSK	75	0	22.70	22.70	22.61		
15	16QAM	1	0	22.61	22.63	22.68	24.5	1
15	16QAM	1	37	22.55	22.53	22.51		
15	16QAM	1	74	22.56	22.66	22.55		
15	16QAM	36	0	21.70	21.76	21.74	23.5	2
15	16QAM	36	20	21.64	21.52	21.64		
15	16QAM	36	39	21.56	21.71	21.72		
15	16QAM	75	0	21.73	22.12	21.96		
15	64QAM	1	0	21.65	21.68	21.64	23.5	2
15	64QAM	1	37	21.58	21.79	21.56		
15	64QAM	1	74	21.56	21.72	21.57		
15	64QAM	36	0	20.64	20.77	20.88	22.5	3
15	64QAM	36	20	20.60	20.87	20.63		
15	64QAM	36	39	20.72	20.75	20.71		
15	64QAM	75	0	20.70	20.95	20.79		
15	256QAM	1	0	18.72	18.81	18.59	20.5	5
15	256QAM	1	37	18.55	18.59	18.61		
15	256QAM	1	74	18.52	18.58	18.58		
15	256QAM	36	0	18.66	18.75	18.75	20.5	5
15	256QAM	36	20	18.82	18.79	18.62		
15	256QAM	36	39	18.70	18.84	18.67		
15	256QAM	75	0	18.78	18.90	18.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.61	23.77	23.59	25.5	0
10	QPSK	1	25	23.77	23.78	23.62		
10	QPSK	1	49	23.73	23.68	23.69		
10	QPSK	25	0	22.80	23.02	22.77	24.5	1
10	QPSK	25	12	22.94	22.75	22.72		
10	QPSK	25	25	22.83	22.89	22.75		
10	QPSK	50	0	22.64	22.71	22.59		
10	16QAM	1	0	22.54	22.67	22.58	24.5	1
10	16QAM	1	25	22.54	22.58	22.51		
10	16QAM	1	49	22.58	22.66	22.55		
10	16QAM	25	0	21.71	21.66	21.69	23.5	2
10	16QAM	25	12	21.64	21.57	21.64		
10	16QAM	25	25	21.55	21.72	21.64		
10	16QAM	50	0	21.64	22.12	21.91		
10	64QAM	1	0	21.59	21.66	21.56	23.5	2
10	64QAM	1	25	21.55	21.68	21.57		
10	64QAM	1	49	21.57	21.76	21.59		
10	64QAM	25	0	20.66	20.68	20.78	22.5	3
10	64QAM	25	12	20.56	20.80	20.62		
10	64QAM	25	25	20.77	20.72	20.75		
10	64QAM	50	0	20.67	20.96	20.77		
10	256QAM	1	0	18.66	18.71	18.51	20.5	5
10	256QAM	1	25	18.58	18.51	18.59		
10	256QAM	1	49	18.56	18.63	18.53		
10	256QAM	25	0	18.58	18.75	18.71	20.5	5
10	256QAM	25	12	18.80	18.80	18.55		
10	256QAM	25	25	18.66	18.81	18.67		
10	256QAM	50	0	18.82	18.92	18.81		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.70	23.76	23.54	25.5	0
5	QPSK	1	12	23.72	23.74	23.72		
5	QPSK	1	24	23.59	23.62	23.69		
5	QPSK	12	0	22.81	23.00	22.82	24.5	1
5	QPSK	12	7	22.93	22.75	22.67		
5	QPSK	12	13	22.73	22.82	22.86		
5	QPSK	25	0	22.58	22.70	22.55		
5	16QAM	1	0	22.51	22.60	22.68	24.5	1
5	16QAM	1	12	22.56	22.52	22.51		
5	16QAM	1	24	22.59	22.56	22.60		
5	16QAM	12	0	21.70	21.74	21.70	23.5	2
5	16QAM	12	7	21.58	21.53	21.67		
5	16QAM	12	13	21.58	21.65	21.64		
5	16QAM	25	0	21.62	22.12	22.01		
5	64QAM	1	0	21.66	21.69	21.58	23.5	2
5	64QAM	1	12	21.58	21.73	21.57		
5	64QAM	1	24	21.56	21.72	21.59		
5	64QAM	12	0	20.68	20.70	20.81	22.5	3
5	64QAM	12	7	20.60	20.82	20.52		
5	64QAM	12	13	20.69	20.80	20.61		
5	64QAM	25	0	20.67	20.89	20.70		
5	256QAM	1	0	18.72	18.81	18.57	20.5	5
5	256QAM	1	12	18.55	18.59	18.54		
5	256QAM	1	24	18.52	18.61	18.54		
5	256QAM	12	0	18.58	18.79	18.74	20.5	5
5	256QAM	12	7	18.81	18.72	18.52		
5	256QAM	12	13	18.73	18.75	18.71		
5	256QAM	25	0	18.83	18.84	18.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.68	23.72	23.59	25.5	0
3	QPSK	1	8	23.78	23.71	23.70		
3	QPSK	1	14	23.70	23.75	23.69		
3	QPSK	8	0	22.87	23.04	22.88	24.5	1
3	QPSK	8	4	22.92	22.74	22.75		
3	QPSK	8	7	22.80	22.81	22.85		
3	QPSK	15	0	22.67	22.65	22.51		
3	16QAM	1	0	22.64	22.57	22.65	24.5	1
3	16QAM	1	8	22.56	22.57	22.54		
3	16QAM	1	14	22.52	22.66	22.51		
3	16QAM	8	0	21.72	21.73	21.77	23.5	2
3	16QAM	8	4	21.56	21.57	21.57		
3	16QAM	8	7	21.57	21.72	21.63		
3	16QAM	15	0	21.69	22.08	21.97		
3	64QAM	1	0	21.69	21.64	21.53	23.5	2
3	64QAM	1	8	21.58	21.78	21.54		
3	64QAM	1	14	21.58	21.74	21.56		
3	64QAM	8	0	20.58	20.77	20.88	22.5	3
3	64QAM	8	4	20.60	20.86	20.54		
3	64QAM	8	7	20.76	20.71	20.70		
3	64QAM	15	0	20.75	20.99	20.70		
3	256QAM	1	0	18.72	18.81	18.59	20.5	5
3	256QAM	1	8	18.58	18.51	18.62		
3	256QAM	1	14	18.62	18.52	18.55		
3	256QAM	8	0	18.68	18.65	18.74	20.5	5
3	256QAM	8	4	18.80	18.77	18.66		
3	256QAM	8	7	18.60	18.75	18.65		
3	256QAM	15	0	18.71	18.86	18.79		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.62	23.79	23.66	25.5	0
1.4	QPSK	1	3	23.72	23.74	23.66		
1.4	QPSK	1	5	23.60	23.64	23.68		
1.4	QPSK	3	0	23.73	23.80	23.56		
1.4	QPSK	3	1	23.68	23.79	23.67		
1.4	QPSK	3	3	23.68	23.66	23.61		
1.4	QPSK	6	0	22.79	22.99	22.85	24.5	1
1.4	16QAM	1	0	22.82	22.87	22.67	24.5	1
1.4	16QAM	1	3	22.85	22.86	22.81		
1.4	16QAM	1	5	22.59	22.62	22.51		
1.4	16QAM	3	0	22.62	22.57	22.71		
1.4	16QAM	3	1	22.56	22.54	22.52		
1.4	16QAM	3	3	22.54	22.61	22.55		
1.4	16QAM	6	0	21.71	21.79	21.63	23.5	2
1.4	64QAM	1	0	21.65	21.59	21.57	23.5	2
1.4	64QAM	1	3	21.56	21.67	21.67		
1.4	64QAM	1	5	21.89	21.96	21.92		
1.4	64QAM	3	0	21.68	21.67	21.56		
1.4	64QAM	3	1	21.53	21.73	21.50		
1.4	64QAM	3	3	21.55	21.64	21.57		
1.4	64QAM	6	0	20.64	20.71	20.91	22.5	3
1.4	256QAM	1	0	18.73	18.83	18.57	20.5	5
1.4	256QAM	1	3	18.51	18.51	18.54		
1.4	256QAM	1	5	18.50	18.66	18.62		
1.4	256QAM	3	0	18.61	18.75	18.70		
1.4	256QAM	3	1	18.72	18.74	18.58		
1.4	256QAM	3	3	18.65	18.86	18.62		
1.4	256QAM	6	0	18.73	18.85	18.75	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.56	24.63	24.37	25.7	0
20	QPSK	1	49	24.46	24.53	24.51		
20	QPSK	1	99	24.47	24.46	24.49		
20	QPSK	50	0	23.66	23.78	23.72	24.7	1
20	QPSK	50	24	23.54	23.70	23.62		
20	QPSK	50	50	23.53	23.74	23.67		
20	QPSK	100	0	23.41	23.48	23.30		
20	16QAM	1	0	23.32	23.41	23.28	24.7	1
20	16QAM	1	49	23.31	23.25	23.31		
20	16QAM	1	99	23.21	23.42	23.36		
20	16QAM	50	0	22.50	22.51	22.51	23.7	2
20	16QAM	50	24	22.28	22.39	22.48		
20	16QAM	50	50	22.35	22.47	22.49		
20	16QAM	100	0	22.51	22.76	22.69		
20	64QAM	1	0	22.34	22.46	22.36	23.7	2
20	64QAM	1	49	22.31	22.42	22.29		
20	64QAM	1	99	22.24	22.61	22.24		
20	64QAM	50	0	21.41	21.60	21.68	22.7	3
20	64QAM	50	24	21.33	21.53	21.44		
20	64QAM	50	50	21.43	21.55	21.49		
20	64QAM	100	0	21.55	21.70	21.60		
20	256QAM	1	0	19.41	19.60	19.34	20.7	5
20	256QAM	1	49	19.33	19.46	19.41		
20	256QAM	1	99	19.36	19.38	19.25		
20	256QAM	50	0	19.56	19.53	19.45	20.7	5
20	256QAM	50	24	19.48	19.47	19.40		
20	256QAM	50	50	19.45	19.64	19.44		
20	256QAM	100	0	19.51	19.64	19.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.48	24.53	24.35	25.7	0
15	QPSK	1	37	24.37	24.39	24.36		
15	QPSK	1	74	24.29	24.43	24.33		
15	QPSK	36	0	23.63	23.71	23.65	24.7	1
15	QPSK	36	20	23.48	23.53	23.48		
15	QPSK	36	39	23.39	23.57	23.65		
15	QPSK	75	0	23.32	23.41	23.22		
15	16QAM	1	0	23.15	23.27	23.13	24.7	1
15	16QAM	1	37	23.18	23.08	23.21		
15	16QAM	1	74	23.15	23.36	23.33		
15	16QAM	36	0	22.46	22.36	22.49	23.7	2
15	16QAM	36	20	22.18	22.26	22.42		
15	16QAM	36	39	22.33	22.34	22.37		
15	16QAM	75	0	22.35	22.70	22.57		
15	64QAM	1	0	22.25	22.32	22.22	23.7	2
15	64QAM	1	37	22.25	22.26	22.20		
15	64QAM	1	74	22.07	22.50	22.16		
15	64QAM	36	0	21.36	21.53	21.58	22.7	3
15	64QAM	36	20	21.26	21.42	21.34		
15	64QAM	36	39	21.34	21.50	21.36		
15	64QAM	75	0	21.39	21.65	21.46		
15	256QAM	1	0	19.24	19.47	19.27	20.7	5
15	256QAM	1	37	19.20	19.37	19.29		
15	256QAM	1	74	19.30	19.25	19.10		
15	256QAM	36	0	19.48	19.37	19.27	20.7	5
15	256QAM	36	20	19.42	19.39	19.37		
15	256QAM	36	39	19.36	19.56	19.39		
15	256QAM	75	0	19.34	19.58	19.38		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.54	24.47	24.28	25.7	0
10	QPSK	1	25	24.32	24.44	24.49		
10	QPSK	1	49	24.44	24.36	24.37		
10	QPSK	25	0	23.54	23.71	23.61	24.7	1
10	QPSK	25	12	23.48	23.64	23.46		
10	QPSK	25	25	23.49	23.59	23.65		
10	QPSK	50	0	23.34	23.39	23.13		
10	16QAM	1	0	23.26	23.34	23.19	24.7	1
10	16QAM	1	25	23.14	23.07	23.19		
10	16QAM	1	49	23.05	23.33	23.22		
10	16QAM	25	0	22.43	22.35	22.46	23.7	2
10	16QAM	25	12	22.13	22.22	22.40		
10	16QAM	25	25	22.30	22.41	22.47		
10	16QAM	50	0	22.44	22.63	22.51		
10	64QAM	1	0	22.22	22.39	22.34	23.7	2
10	64QAM	1	25	22.23	22.35	22.15		
10	64QAM	1	49	22.09	22.54	22.07		
10	64QAM	25	0	21.25	21.48	21.65	22.7	3
10	64QAM	25	12	21.19	21.51	21.39		
10	64QAM	25	25	21.32	21.37	21.45		
10	64QAM	50	0	21.46	21.64	21.49		
10	256QAM	1	0	19.30	19.52	19.29	20.7	5
10	256QAM	1	25	19.22	19.31	19.30		
10	256QAM	1	49	19.18	19.34	19.15		
10	256QAM	25	0	19.44	19.39	19.38	20.7	5
10	256QAM	25	12	19.41	19.33	19.33		
10	256QAM	25	25	19.32	19.46	19.37		
10	256QAM	50	0	19.49	19.53	19.35		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.47	24.49	24.30	25.7	0
5	QPSK	1	12	24.37	24.41	24.49		
5	QPSK	1	24	24.37	24.40	24.41		
5	QPSK	12	0	23.55	23.62	23.66	24.7	1
5	QPSK	12	7	23.42	23.57	23.58		
5	QPSK	12	13	23.47	23.65	23.54		
5	QPSK	25	0	23.24	23.45	23.26		
5	16QAM	1	0	23.22	23.27	23.15	24.7	1
5	16QAM	1	12	23.28	23.14	23.17		
5	16QAM	1	24	23.18	23.24	23.23		
5	16QAM	12	0	22.43	22.35	22.39	23.7	2
5	16QAM	12	7	22.24	22.34	22.45		
5	16QAM	12	13	22.30	22.30	22.46		
5	16QAM	25	0	22.34	22.71	22.53		
5	64QAM	1	0	22.30	22.34	22.18	23.7	2
5	64QAM	1	12	22.24	22.32	22.18		
5	64QAM	1	24	22.15	22.54	22.16		
5	64QAM	12	0	21.23	21.46	21.54	22.7	3
5	64QAM	12	7	21.23	21.36	21.40		
5	64QAM	12	13	21.40	21.43	21.39		
5	64QAM	25	0	21.51	21.67	21.55		
5	256QAM	1	0	19.34	19.54	19.17	20.7	5
5	256QAM	1	12	19.23	19.33	19.24		
5	256QAM	1	24	19.26	19.21	19.23		
5	256QAM	12	0	19.50	19.50	19.37	20.7	5
5	256QAM	12	7	19.30	19.29	19.29		
5	256QAM	12	13	19.35	19.59	19.30		
5	256QAM	25	0	19.46	19.61	19.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.45	24.52	24.29	25.7	0
3	QPSK	1	8	24.42	24.41	24.40		
3	QPSK	1	14	24.43	24.33	24.32		
3	QPSK	8	0	23.49	23.64	23.56	24.7	1
3	QPSK	8	4	23.37	23.65	23.46		
3	QPSK	8	7	23.39	23.65	23.50		
3	QPSK	15	0	23.28	23.39	23.12		
3	16QAM	1	0	23.14	23.29	23.12	24.7	1
3	16QAM	1	8	23.14	23.11	23.27		
3	16QAM	1	14	23.15	23.26	23.33		
3	16QAM	8	0	22.45	22.34	22.49	23.7	2
3	16QAM	8	4	22.10	22.36	22.44		
3	16QAM	8	7	22.20	22.38	22.33		
3	16QAM	15	0	22.48	22.62	22.64		
3	64QAM	1	0	22.31	22.36	22.27	23.7	2
3	64QAM	1	8	22.14	22.30	22.13		
3	64QAM	1	14	22.11	22.58	22.12		
3	64QAM	8	0	21.26	21.54	21.66	22.7	3
3	64QAM	8	4	21.22	21.41	21.31		
3	64QAM	8	7	21.33	21.43	21.43		
3	64QAM	15	0	21.37	21.52	21.46		
3	256QAM	1	0	19.27	19.47	19.23	20.7	5
3	256QAM	1	8	19.22	19.34	19.27		
3	256QAM	1	14	19.25	19.35	19.22		
3	256QAM	8	0	19.44	19.36	19.31	20.7	5
3	256QAM	8	4	19.35	19.34	19.22		
3	256QAM	8	7	19.28	19.48	19.31		
3	256QAM	15	0	19.36	19.53	19.40		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.41	24.57	24.20	25.7	0
1.4	QPSK	1	3	24.31	24.37	24.47		
1.4	QPSK	1	5	24.30	24.44	24.41		
1.4	QPSK	3	0	24.53	24.51	24.32		
1.4	QPSK	3	1	24.36	24.40	24.39		
1.4	QPSK	3	3	24.31	24.43	24.36		
1.4	QPSK	6	0	23.58	23.70	23.64	24.7	1
1.4	16QAM	1	0	23.17	23.28	23.14	24.7	1
1.4	16QAM	1	3	23.29	23.21	23.23		
1.4	16QAM	1	5	23.18	23.38	23.23		
1.4	16QAM	3	0	23.25	23.33	23.13		
1.4	16QAM	3	1	23.24	23.13	23.13		
1.4	16QAM	3	3	23.15	23.31	23.24		
1.4	16QAM	6	0	22.48	22.40	22.41	23.7	2
1.4	64QAM	1	0	22.22	22.27	22.45	23.7	2
1.4	64QAM	1	3	22.33	22.40	22.34		
1.4	64QAM	1	5	22.41	22.64	22.57		
1.4	64QAM	3	0	22.25	22.32	22.31		
1.4	64QAM	3	1	22.19	22.28	22.24		
1.4	64QAM	3	3	22.10	22.51	22.21		
1.4	64QAM	6	0	21.31	21.58	21.60	22.7	3
1.4	256QAM	1	0	19.24	19.45	19.31	20.7	5
1.4	256QAM	1	3	19.31	19.31	19.33		
1.4	256QAM	1	5	19.33	19.21	19.18		
1.4	256QAM	3	0	19.52	19.36	19.35		
1.4	256QAM	3	1	19.43	19.32	19.26		
1.4	256QAM	3	3	19.37	19.56	19.29		
1.4	256QAM	6	0	19.35	19.58	19.31	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.64	24.68	24.44	25.7	0
20	QPSK	1	49	24.51	24.61	24.63		
20	QPSK	1	99	24.50	24.46	24.57		
20	QPSK	50	0	23.74	23.85	23.73	24.7	1
20	QPSK	50	24	23.50	23.69	23.63		
20	QPSK	50	50	23.61	23.78	23.68		
20	QPSK	100	0	23.48	23.53	23.43		
20	16QAM	1	0	23.32	23.44	23.45		
20	16QAM	1	49	23.29	23.30	23.29	24.7	1
20	16QAM	1	99	23.33	23.48	23.43		
20	16QAM	50	0	22.48	22.56	22.49	23.7	2
20	16QAM	50	24	22.43	22.46	22.54		
20	16QAM	50	50	22.39	22.54	22.57		
20	16QAM	100	0	22.65	22.85	22.76		
20	64QAM	1	0	22.32	22.50	22.40		
20	64QAM	1	49	22.32	22.55	22.40	23.7	2
20	64QAM	1	99	22.24	22.63	22.27		
20	64QAM	50	0	21.49	21.66	21.73	22.7	3
20	64QAM	50	24	21.45	21.58	21.51		
20	64QAM	50	50	21.51	21.52	21.47		
20	64QAM	100	0	21.59	21.75	21.66		
20	256QAM	1	0	19.46	19.57	19.38	20.7	5
20	256QAM	1	49	19.35	19.47	19.42		
20	256QAM	1	99	19.33	19.44	19.29		
20	256QAM	50	0	19.57	19.57	19.49	20.7	5
20	256QAM	50	24	19.59	19.50	19.45		
20	256QAM	50	50	19.47	19.65	19.45		
20	256QAM	100	0	19.57	19.66	19.58		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.54	24.57	24.27	25.7	0
15	QPSK	1	37	24.45	24.46	24.55		
15	QPSK	1	74	24.43	24.44	24.46		
15	QPSK	36	0	23.64	23.79	23.59	24.7	1
15	QPSK	36	20	23.50	23.66	23.59		
15	QPSK	36	39	23.44	23.60	23.59		
15	QPSK	75	0	23.35	23.41	23.26		
15	16QAM	1	0	23.14	23.39	23.30	24.7	1
15	16QAM	1	37	23.18	23.14	23.15		
15	16QAM	1	74	23.16	23.34	23.26		
15	16QAM	36	0	22.32	22.49	22.36	23.7	2
15	16QAM	36	20	22.25	22.41	22.40		
15	16QAM	36	39	22.33	22.40	22.44		
15	16QAM	75	0	22.55	22.69	22.68		
15	64QAM	1	0	22.22	22.33	22.29	23.7	2
15	64QAM	1	37	22.18	22.39	22.30		
15	64QAM	1	74	22.15	22.58	22.10		
15	64QAM	36	0	21.36	21.52	21.67	22.7	3
15	64QAM	36	20	21.33	21.48	21.34		
15	64QAM	36	39	21.43	21.47	21.43		
15	64QAM	75	0	21.42	21.65	21.57		
15	256QAM	1	0	19.38	19.50	19.21	20.7	5
15	256QAM	1	37	19.23	19.43	19.36		
15	256QAM	1	74	19.27	19.33	19.25		
15	256QAM	36	0	19.46	19.51	19.34	20.7	5
15	256QAM	36	20	19.42	19.33	19.34		
15	256QAM	36	39	19.30	19.57	19.39		
15	256QAM	75	0	19.54	19.57	19.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.58	24.62	24.39	25.7	0
10	QPSK	1	25	24.48	24.51	24.56		
10	QPSK	1	49	24.41	24.43	24.44		
10	QPSK	25	0	23.59	23.83	23.59	24.7	1
10	QPSK	25	12	23.48	23.65	23.52		
10	QPSK	25	25	23.55	23.74	23.64		
10	QPSK	50	0	23.33	23.36	23.29		
10	16QAM	1	0	23.25	23.35	23.41		
10	16QAM	1	25	23.12	23.21	23.19	24.7	1
10	16QAM	1	49	23.18	23.45	23.34		
10	16QAM	25	0	22.33	22.39	22.37	23.7	2
10	16QAM	25	12	22.39	22.37	22.50		
10	16QAM	25	25	22.31	22.48	22.46		
10	16QAM	50	0	22.59	22.72	22.59		
10	64QAM	1	0	22.29	22.38	22.32	23.7	2
10	64QAM	1	25	22.24	22.46	22.30		
10	64QAM	1	49	22.11	22.59	22.13		
10	64QAM	25	0	21.44	21.54	21.60	22.7	3
10	64QAM	25	12	21.27	21.44	21.42		
10	64QAM	25	25	21.44	21.45	21.42		
10	64QAM	50	0	21.53	21.62	21.49		
10	256QAM	1	0	19.32	19.51	19.35	20.7	5
10	256QAM	1	25	19.27	19.43	19.35		
10	256QAM	1	49	19.16	19.36	19.15		
10	256QAM	25	0	19.47	19.48	19.41	20.7	5
10	256QAM	25	12	19.55	19.41	19.35		
10	256QAM	25	25	19.34	19.55	19.40		
10	256QAM	50	0	19.40	19.63	19.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.50	24.57	24.29	25.7	0
5	QPSK	1	12	24.48	24.47	24.45		
5	QPSK	1	24	24.33	24.39	24.54		
5	QPSK	12	0	23.57	23.74	23.56	24.7	1
5	QPSK	12	7	23.49	23.58	23.45		
5	QPSK	12	13	23.57	23.61	23.52		
5	QPSK	25	0	23.42	23.48	23.29		
5	16QAM	1	0	23.16	23.36	23.33	24.7	1
5	16QAM	1	12	23.22	23.17	23.16		
5	16QAM	1	24	23.26	23.31	23.31		
5	16QAM	12	0	22.42	22.44	22.32	23.7	2
5	16QAM	12	7	22.28	22.43	22.49		
5	16QAM	12	13	22.33	22.44	22.39		
5	16QAM	25	0	22.56	22.72	22.65		
5	64QAM	1	0	22.26	22.40	22.29	23.7	2
5	64QAM	1	12	22.26	22.48	22.35		
5	64QAM	1	24	22.20	22.51	22.15		
5	64QAM	12	0	21.42	21.57	21.57	22.7	3
5	64QAM	12	7	21.26	21.43	21.43		
5	64QAM	12	13	21.38	21.40	21.34		
5	64QAM	25	0	21.52	21.71	21.49		
5	256QAM	1	0	19.41	19.43	19.33	20.7	5
5	256QAM	1	12	19.23	19.39	19.29		
5	256QAM	1	24	19.27	19.34	19.26		
5	256QAM	12	0	19.49	19.51	19.34	20.7	5
5	256QAM	12	7	19.48	19.32	19.39		
5	256QAM	12	13	19.31	19.54	19.30		
5	256QAM	25	0	19.54	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.53	24.57	24.64	24.39	24.58	25.7	0
20	QPSK	1	49	24.43	24.44	24.49	24.51	24.40		
20	QPSK	1	99	24.45	24.52	24.45	24.45	24.44		
20	QPSK	50	0	23.63	23.67	23.85	23.69	23.65	24.7	1
20	QPSK	50	24	23.50	23.56	23.68	23.58	23.59		
20	QPSK	50	50	23.52	23.52	23.74	23.66	23.55		
20	QPSK	100	0	23.44	23.46	23.48	23.38	23.36		
20	16QAM	1	0	23.32	23.39	23.41	23.30	23.29	24.7	1
20	16QAM	1	49	23.24	23.28	23.28	23.28	23.30		
20	16QAM	1	99	23.24	23.25	23.47	23.33	23.18		
20	16QAM	50	0	22.42	22.48	22.52	22.54	22.40	23.7	2
20	16QAM	50	24	22.30	22.30	22.39	22.39	22.35		
20	16QAM	50	50	22.35	22.35	22.55	22.53	22.34		
20	16QAM	100	0	22.50	22.59	22.80	22.61	22.56		
20	64QAM	1	0	22.30	22.31	22.46	22.37	22.28	23.7	2
20	64QAM	1	49	22.23	22.24	22.47	22.25	22.24		
20	64QAM	1	99	22.24	22.27	22.61	22.18	22.14		
20	64QAM	50	0	21.32	21.35	21.61	21.61	21.37	22.7	3
20	64QAM	50	24	21.26	21.38	21.49	21.43	21.33		
20	64QAM	50	50	21.32	21.41	21.50	21.40	21.33		
20	64QAM	100	0	21.42	21.55	21.70	21.63	21.49		
20	256QAM	1	0	19.39	19.36	19.56	19.37	19.31	20.7	5
20	256QAM	1	49	19.32	19.35	19.45	19.31	19.33		
20	256QAM	1	99	19.24	19.25	19.34	19.32	19.25		
20	256QAM	50	0	19.50	19.50	19.58	19.52	19.48	20.7	5
20	256QAM	50	24	19.49	19.56	19.47	19.33	19.47		
20	256QAM	50	50	19.36	19.48	19.55	19.38	19.42		
20	256QAM	100	0	19.55	19.58	19.65	19.54	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.44	24.54	24.52	24.26	24.51	26	0
15	QPSK	1	37	24.39	24.32	24.47	24.37	24.35		
15	QPSK	1	74	24.31	24.35	24.33	24.36	24.33		
15	QPSK	36	0	23.53	23.53	23.82	23.53	23.50	24.7	1
15	QPSK	36	20	23.45	23.48	23.60	23.41	23.48		
15	QPSK	36	39	23.47	23.44	23.72	23.55	23.50		
15	QPSK	75	0	23.35	23.35	23.36	23.26	23.32		
15	16QAM	1	0	23.19	23.35	23.30	23.20	23.15	24.7	1
15	16QAM	1	37	23.10	23.16	23.19	23.22	23.13		
15	16QAM	1	74	23.09	23.17	23.43	23.28	23.14		
15	16QAM	36	0	22.35	22.31	22.43	22.42	22.26	23.7	2
15	16QAM	36	20	22.25	22.25	22.33	22.27	22.20		
15	16QAM	36	39	22.18	22.22	22.41	22.39	22.27		
15	16QAM	75	0	22.42	22.54	22.78	22.56	22.52		
15	64QAM	1	0	22.14	22.20	22.29	22.21	22.13	23.7	2
15	64QAM	1	37	22.15	22.12	22.43	22.09	22.20		
15	64QAM	1	74	22.12	22.19	22.46	22.02	22.00		
15	64QAM	36	0	21.27	21.28	21.45	21.56	21.31	22.7	3
15	64QAM	36	20	21.23	21.28	21.37	21.39	21.23		
15	64QAM	36	39	21.20	21.31	21.33	21.31	21.21		
15	64QAM	75	0	21.35	21.46	21.61	21.48	21.40		
15	256QAM	1	0	19.31	19.30	19.51	19.19	19.19	20.7	5
15	256QAM	1	37	19.18	19.20	19.32	19.23	19.25		
15	256QAM	1	74	19.11	19.23	19.19	19.15	19.22		
15	256QAM	36	0	19.46	19.37	19.56	19.41	19.42	20.7	5
15	256QAM	36	20	19.36	19.45	19.33	19.27	19.33		
15	256QAM	36	39	19.32	19.45	19.40	19.32	19.37		
15	256QAM	75	0	19.39	19.51	19.54	19.41	19.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.41	24.47	24.61	24.31	24.55	26	0
10	QPSK	1	25	24.36	24.42	24.45	24.41	24.30		
10	QPSK	1	49	24.37	24.37	24.42	24.35	24.38		
10	QPSK	25	0	23.60	23.56	23.77	23.53	23.55	24.7	1
10	QPSK	25	12	23.38	23.53	23.60	23.53	23.53		
10	QPSK	25	25	23.40	23.35	23.71	23.56	23.39		
10	QPSK	50	0	23.36	23.42	23.36	23.28	23.33		
10	16QAM	1	0	23.26	23.29	23.27	23.21	23.20	24.7	1
10	16QAM	1	25	23.22	23.20	23.15	23.15	23.24		
10	16QAM	1	49	23.10	23.07	23.45	23.20	23.03		
10	16QAM	25	0	22.26	22.39	22.35	22.46	22.26	23.7	2
10	16QAM	25	12	22.13	22.25	22.33	22.31	22.23		
10	16QAM	25	25	22.19	22.30	22.37	22.49	22.23		
10	16QAM	50	0	22.34	22.42	22.69	22.50	22.52		
10	64QAM	1	0	22.29	22.32	22.35	22.41	22.31	23.7	2
10	64QAM	1	25	22.22	22.26	22.29	22.30	22.20		
10	64QAM	1	49	22.21	22.29	22.37	22.43	22.30		
10	64QAM	25	0	21.25	21.28	21.59	21.47	21.25	22.7	3
10	64QAM	25	12	21.23	21.35	21.36	21.39	21.26		
10	64QAM	25	25	21.29	21.35	21.42	21.33	21.21		
10	64QAM	50	0	21.25	21.52	21.59	21.58	21.36		
10	256QAM	1	0	19.28	19.25	19.48	19.21	19.23	20.7	5
10	256QAM	1	25	19.16	19.18	19.33	19.19	19.31		
10	256QAM	1	49	19.20	19.11	19.31	19.20	19.19		
10	256QAM	25	0	19.35	19.42	19.49	19.37	19.32	20.7	5
10	256QAM	25	12	19.36	19.44	19.31	19.16	19.44		
10	256QAM	25	25	19.19	19.44	19.46	19.28	19.34		
10	256QAM	50	0	19.47	19.44	19.50	19.46	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.47	24.43	24.56	24.26	24.41	26	0
5	QPSK	1	12	24.26	24.41	24.33	24.34	24.28		
5	QPSK	1	24	24.36	24.35	24.29	24.37	24.40		
5	QPSK	12	0	23.52	23.54	23.71	23.66	23.51	24.7	1
5	QPSK	12	7	23.36	23.38	23.59	23.41	23.46		
5	QPSK	12	13	23.47	23.49	23.64	23.61	23.37		
5	QPSK	25	0	23.31	23.39	23.33	23.29	23.27		
5	16QAM	1	0	23.25	23.24	23.37	23.25	23.12	24.7	1
5	16QAM	1	12	23.16	23.25	23.20	23.19	23.14		
5	16QAM	1	24	23.12	23.21	23.31	23.18	23.08		
5	16QAM	12	0	22.32	22.38	22.44	22.45	22.31	23.7	2
5	16QAM	12	7	22.26	22.13	22.35	22.22	22.24		
5	16QAM	12	13	22.26	22.29	22.47	22.36	22.24		
5	16QAM	25	0	22.44	22.51	22.71	22.45	22.46		
5	64QAM	1	0	22.26	22.15	22.39	22.26	22.23	23.7	2
5	64QAM	1	12	22.19	22.12	22.35	22.17	22.17		
5	64QAM	1	24	22.12	22.12	22.44	22.04	22.02		
5	64QAM	12	0	21.28	21.21	21.46	21.47	21.25	22.7	3
5	64QAM	12	7	21.08	21.27	21.32	21.26	21.25		
5	64QAM	12	13	21.18	21.28	21.39	21.35	21.25		
5	64QAM	25	0	21.34	21.41	21.53	21.53	21.47		
5	256QAM	1	0	19.35	19.23	19.47	19.27	19.18	20.7	5
5	256QAM	1	12	19.17	19.19	19.33	19.25	19.21		
5	256QAM	1	24	19.20	19.16	19.19	19.27	19.19		
5	256QAM	12	0	19.41	19.34	19.45	19.42	19.43	20.7	5
5	256QAM	12	7	19.46	19.52	19.35	19.30	19.37		
5	256QAM	12	13	19.20	19.32	19.53	19.33	19.31		
5	256QAM	25	0	19.51	19.44	19.61	19.50	19.47		

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.07	17.19	17.01	18.5	0
20	QPSK	1	49	17.00	17.15	17.07		
20	QPSK	1	99	17.03	17.03	16.94		
20	QPSK	50	0	16.89	17.05	16.99	18.5	0
20	QPSK	50	24	16.88	16.86	16.81		
20	QPSK	50	50	16.85	16.88	16.80		
20	QPSK	100	0	16.72	16.92	16.75		
20	16QAM	1	0	16.89	16.91	16.94	18.5	0
20	16QAM	1	49	16.90	16.88	16.97		
20	16QAM	1	99	16.79	16.77	16.88		
20	16QAM	50	0	16.99	16.94	16.85	18.5	0
20	16QAM	50	24	16.89	16.85	17.00		
20	16QAM	50	50	16.96	16.87	17.01		
20	16QAM	100	0	16.79	17.09	17.02		
20	64QAM	1	0	16.93	16.93	17.04	18.5	0
20	64QAM	1	49	16.89	16.90	16.97		
20	64QAM	1	99	16.91	17.01	17.04		
20	64QAM	50	0	17.05	17.00	16.85	18.5	0
20	64QAM	50	24	16.91	17.02	16.93		
20	64QAM	50	50	16.95	16.99	17.10		
20	64QAM	100	0	17.02	16.96	17.05		
20	256QAM	1	0	16.90	16.99	16.99	18.5	0
20	256QAM	1	49	16.92	17.16	16.87		
20	256QAM	1	99	17.03	17.06	16.98		
20	256QAM	50	0	17.01	17.08	16.93	18.5	0
20	256QAM	50	24	16.85	16.95	17.01		
20	256QAM	50	50	16.97	16.90	17.00		
20	256QAM	100	0	16.86	17.06	17.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.89	17.13	16.93	18.5	0
15	QPSK	1	37	16.93	17.02	16.96		
15	QPSK	1	74	16.85	17.00	16.94		
15	QPSK	36	0	16.77	16.90	16.75	18.5	0
15	QPSK	36	20	16.77	16.91	16.71		
15	QPSK	36	39	16.78	16.89	16.67		
15	QPSK	75	0	16.65	16.86	16.56		
15	16QAM	1	0	16.76	16.85	16.93	18.5	0
15	16QAM	1	37	16.76	16.70	16.83		
15	16QAM	1	74	16.70	16.66	16.74		
15	16QAM	36	0	16.91	16.83	16.84	18.5	0
15	16QAM	36	20	16.86	16.81	16.95		
15	16QAM	36	39	16.87	16.91	16.81		
15	16QAM	75	0	16.69	16.97	16.92		
15	64QAM	1	0	16.90	16.88	16.90	18.5	0
15	64QAM	1	37	16.78	16.75	16.96		
15	64QAM	1	74	16.85	16.92	16.89		
15	64QAM	36	0	16.81	16.94	16.91	18.5	0
15	64QAM	36	20	16.83	16.94	16.78		
15	64QAM	36	39	16.84	16.98	16.96		
15	64QAM	75	0	16.80	16.84	16.95		
15	256QAM	1	0	16.87	16.95	16.78	18.5	0
15	256QAM	1	37	16.70	17.00	16.92		
15	256QAM	1	74	16.87	16.86	16.94		
15	256QAM	36	0	16.89	17.02	16.92	18.5	0
15	256QAM	36	20	16.72	16.94	16.81		
15	256QAM	36	39	16.87	16.94	16.97		
15	256QAM	75	0	16.88	16.94	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.89	17.11	16.98	18.5	0
10	QPSK	1	25	16.93	16.95	17.00		
10	QPSK	1	49	16.85	16.91	16.88		
10	QPSK	25	0	16.72	16.94	16.82	18.5	0
10	QPSK	25	12	16.80	16.75	16.74		
10	QPSK	25	25	16.73	16.89	16.77		
10	QPSK	50	0	16.60	16.78	16.55		
10	16QAM	1	0	16.68	16.87	16.87	18.5	0
10	16QAM	1	25	16.72	16.76	16.76		
10	16QAM	1	49	16.75	16.78	16.74		
10	16QAM	25	0	16.93	16.78	16.76	18.5	0
10	16QAM	25	12	16.83	16.87	17.00		
10	16QAM	25	25	16.95	16.84	16.81		
10	16QAM	50	0	16.84	17.01	16.93		
10	64QAM	1	0	16.86	16.78	16.98	18.5	0
10	64QAM	1	25	16.84	16.78	16.95		
10	64QAM	1	49	16.86	16.92	16.81		
10	64QAM	25	0	16.94	16.88	16.77	18.5	0
10	64QAM	25	12	16.74	16.79	16.86		
10	64QAM	25	25	16.79	16.97	16.95		
10	64QAM	50	0	16.87	16.88	16.88		
10	256QAM	1	0	16.85	17.02	16.81	18.5	0
10	256QAM	1	25	16.74	17.06	16.91		
10	256QAM	1	49	16.91	16.85	16.89		
10	256QAM	25	0	16.82	16.91	16.90	18.5	0
10	256QAM	25	12	16.69	16.86	16.92		
10	256QAM	25	25	16.89	16.82	16.94		
10	256QAM	50	0	16.80	16.96	16.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.85	17.09	16.93	18.5	0
5	QPSK	1	12	16.98	17.02	16.94		
5	QPSK	1	24	16.86	16.86	16.90		
5	QPSK	12	0	16.83	16.99	16.86	18.5	0
5	QPSK	12	7	16.75	16.87	16.72		
5	QPSK	12	13	16.73	16.92	16.78		
5	QPSK	25	0	16.60	16.75	16.69		
5	16QAM	1	0	16.81	16.80	16.79	18.5	0
5	16QAM	1	12	16.77	16.77	16.80		
5	16QAM	1	24	16.80	16.65	16.75		
5	16QAM	12	0	16.85	16.82	16.77	18.5	0
5	16QAM	12	7	16.79	16.84	16.91		
5	16QAM	12	13	16.94	16.76	16.89		
5	16QAM	25	0	16.73	16.91	16.91		
5	64QAM	1	0	16.91	16.84	16.83	18.5	0
5	64QAM	1	12	16.76	16.87	16.96		
5	64QAM	1	24	16.89	17.02	16.83		
5	64QAM	12	0	16.95	16.95	16.89	18.5	0
5	64QAM	12	7	16.75	16.89	16.75		
5	64QAM	12	13	16.74	16.99	16.98		
5	64QAM	25	0	16.90	16.90	16.94		
5	256QAM	1	0	16.85	16.89	16.89	18.5	0
5	256QAM	1	12	16.75	16.99	16.77		
5	256QAM	1	24	16.96	16.94	16.91		
5	256QAM	12	0	16.85	16.94	16.90	18.5	0
5	256QAM	12	7	16.82	16.83	16.91		
5	256QAM	12	13	16.75	16.80	16.92		
5	256QAM	25	0	16.74	16.86	16.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.85	17.11	16.91	18.5	0
3	QPSK	1	8	16.97	17.02	16.92		
3	QPSK	1	14	16.93	16.97	16.94		
3	QPSK	8	0	16.77	17.03	16.78	18.5	0
3	QPSK	8	4	16.79	16.88	16.84		
3	QPSK	8	7	16.71	16.85	16.67		
3	QPSK	15	0	16.62	16.85	16.55		
3	16QAM	1	0	16.77	16.87	16.85	18.5	0
3	16QAM	1	8	16.73	16.81	16.76		
3	16QAM	1	14	16.71	16.71	16.80		
3	16QAM	8	0	16.78	16.82	16.81	18.5	0
3	16QAM	8	4	16.93	16.85	16.86		
3	16QAM	8	7	16.86	16.76	16.82		
3	16QAM	15	0	16.79	16.88	16.84		
3	64QAM	1	0	16.81	16.85	16.88	18.5	0
3	64QAM	1	8	16.83	16.75	16.96		
3	64QAM	1	14	16.89	17.00	16.93		
3	64QAM	8	0	16.84	16.88	16.76	18.5	0
3	64QAM	8	4	16.77	16.85	16.83		
3	64QAM	8	7	16.71	17.01	16.96		
3	64QAM	15	0	16.79	16.86	16.90		
3	256QAM	1	0	16.80	16.95	16.91	18.5	0
3	256QAM	1	8	16.79	17.07	16.91		
3	256QAM	1	14	16.88	16.85	16.80		
3	256QAM	8	0	16.78	17.03	16.94	18.5	0
3	256QAM	8	4	16.69	16.82	16.92		
3	256QAM	8	7	16.84	16.85	16.94		
3	256QAM	15	0	16.79	16.93	16.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.84	17.14	16.95	18.5	0
1.4	QPSK	1	3	17.00	17.01	17.03		
1.4	QPSK	1	5	16.92	16.87	16.95		
1.4	QPSK	3	0	16.75	16.98	16.79		
1.4	QPSK	3	1	16.81	16.88	16.71		
1.4	QPSK	3	3	16.76	16.77	16.76		
1.4	QPSK	6	0	16.66	16.77	16.69	18.5	0
1.4	16QAM	1	0	16.73	16.82	16.88	18.5	0
1.4	16QAM	1	3	16.70	16.76	16.85		
1.4	16QAM	1	5	16.68	16.66	16.77		
1.4	16QAM	3	0	16.93	16.82	16.80		
1.4	16QAM	3	1	16.89	16.82	16.98		
1.4	16QAM	3	3	16.88	16.78	16.93		
1.4	16QAM	6	0	16.78	16.95	16.82	18.5	0
1.4	64QAM	1	0	16.78	16.88	16.90	18.5	0
1.4	64QAM	1	3	16.78	16.80	16.93		
1.4	64QAM	1	5	16.90	16.95	16.87		
1.4	64QAM	3	0	16.92	16.87	16.86		
1.4	64QAM	3	1	16.86	16.84	16.82		
1.4	64QAM	3	3	16.77	16.89	16.92		
1.4	64QAM	6	0	16.91	16.93	16.88	18.5	0
1.4	256QAM	1	0	16.77	16.88	16.92	18.5	0
1.4	256QAM	1	3	16.76	16.97	16.79		
1.4	256QAM	1	5	16.94	16.95	16.79		
1.4	256QAM	3	0	16.82	16.96	16.84		
1.4	256QAM	3	1	16.79	16.85	16.86		
1.4	256QAM	3	3	16.76	16.87	16.96		
1.4	256QAM	6	0	16.74	16.96	16.82	18.5	0

Band 4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.41	17.59	17.38	19	0
20	QPSK	1	49	17.43	17.51	17.33		
20	QPSK	1	99	17.37	17.31	17.30		
20	QPSK	50	0	17.15	17.37	17.34	19	0
20	QPSK	50	24	17.30	17.22	17.28		
20	QPSK	50	50	17.15	17.33	17.16		
20	QPSK	100	0	17.16	17.42	17.07		
20	16QAM	1	0	17.11	17.30	17.33	19	0
20	16QAM	1	49	17.22	17.15	17.21		
20	16QAM	1	99	17.16	17.14	17.26		
20	16QAM	50	0	17.33	17.24	17.27	19	0
20	16QAM	50	24	17.35	17.21	17.39		
20	16QAM	50	50	17.31	17.25	17.39		
20	16QAM	100	0	17.27	17.39	17.31		
20	64QAM	1	0	17.21	17.33	17.34	19	0
20	64QAM	1	49	17.34	17.23	17.34		
20	64QAM	1	99	17.36	17.36	17.26		
20	64QAM	50	0	17.37	17.43	17.32	19	0
20	64QAM	50	24	17.25	17.33	17.22		
20	64QAM	50	50	17.24	17.34	17.40		
20	64QAM	100	0	17.24	17.33	17.45		
20	256QAM	1	0	17.21	17.39	17.22	19	0
20	256QAM	1	49	17.28	17.43	17.37		
20	256QAM	1	99	17.37	17.36	17.29		
20	256QAM	50	0	17.30	17.34	17.38	19	0
20	256QAM	50	24	17.20	17.34	17.28		
20	256QAM	50	50	17.32	17.35	17.43		
20	256QAM	100	0	17.30	17.35	17.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.20	17.48	17.30	19	0
15	QPSK	1	37	17.35	17.42	17.26		
15	QPSK	1	74	17.27	17.34	17.28		
15	QPSK	36	0	17.12	17.29	17.13	19	0
15	QPSK	36	20	17.17	17.19	17.06		
15	QPSK	36	39	17.07	17.13	17.16		
15	QPSK	75	0	17.12	17.19	17.16		
15	16QAM	1	0	17.01	17.10	17.14	19	0
15	16QAM	1	37	17.18	17.07	17.10		
15	16QAM	1	74	17.04	17.15	17.07		
15	16QAM	36	0	17.12	17.13	17.14	19	0
15	16QAM	36	20	17.14	17.16	17.24		
15	16QAM	36	39	17.17	17.12	17.16		
15	16QAM	75	0	17.11	17.25	17.27		
15	64QAM	1	0	17.11	17.25	17.18	19	0
15	64QAM	1	37	17.09	17.10	17.25		
15	64QAM	1	74	17.22	17.25	17.30		
15	64QAM	36	0	17.21	17.24	17.13	19	0
15	64QAM	36	20	17.09	17.27	17.07		
15	64QAM	36	39	17.12	17.35	17.28		
15	64QAM	75	0	17.29	17.29	17.34		
15	256QAM	1	0	17.12	17.28	17.19	19	0
15	256QAM	1	37	17.12	17.39	17.14		
15	256QAM	1	74	17.27	17.20	17.18		
15	256QAM	36	0	17.16	17.27	17.16	19	0
15	256QAM	36	20	17.07	17.30	17.25		
15	256QAM	36	39	17.24	17.24	17.31		
15	256QAM	75	0	17.14	17.22	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.30	17.41	17.38	19	0
10	QPSK	1	25	17.38	17.33	17.27		
10	QPSK	1	49	17.28	17.37	17.25		
10	QPSK	25	0	17.13	17.24	17.12	19	0
10	QPSK	25	12	17.12	17.18	17.19		
10	QPSK	25	25	17.15	17.14	17.17		
10	QPSK	50	0	17.13	17.21	17.15		
10	16QAM	1	0	17.08	17.15	17.12	19	0
10	16QAM	1	25	17.06	17.02	17.13		
10	16QAM	1	49	17.04	17.05	17.13		
10	16QAM	25	0	17.14	17.19	17.17	19	0
10	16QAM	25	12	17.16	17.11	17.22		
10	16QAM	25	25	17.31	17.16	17.15		
10	16QAM	50	0	17.11	17.22	17.23		
10	64QAM	1	0	17.22	17.23	17.33	19	0
10	64QAM	1	25	17.22	17.18	17.31		
10	64QAM	1	49	17.27	17.25	17.17		
10	64QAM	25	0	17.24	17.22	17.12	19	0
10	64QAM	25	12	17.14	17.16	17.13		
10	64QAM	25	25	17.09	17.32	17.30		
10	64QAM	50	0	17.22	17.24	17.29		
10	256QAM	1	0	17.25	17.23	17.19	19	0
10	256QAM	1	25	17.05	17.40	17.20		
10	256QAM	1	49	17.26	17.17	17.25		
10	256QAM	25	0	17.23	17.25	17.26	19	0
10	256QAM	25	12	17.02	17.22	17.29		
10	256QAM	25	25	17.21	17.21	17.32		
10	256QAM	50	0	17.09	17.20	17.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.32	17.40	17.35	19	0
5	QPSK	1	12	17.30	17.28	17.36		
5	QPSK	1	24	17.26	17.33	17.27		
5	QPSK	12	0	17.09	17.39	17.13	19	0
5	QPSK	12	7	17.11	17.18	17.13		
5	QPSK	12	13	17.11	17.16	17.16		
5	QPSK	25	0	17.07	17.16	17.18		
5	16QAM	1	0	17.07	17.14	17.16	19	0
5	16QAM	1	12	17.15	17.05	17.18		
5	16QAM	1	24	17.13	17.13	17.08		
5	16QAM	12	0	17.25	17.11	17.20	19	0
5	16QAM	12	7	17.17	17.17	17.26		
5	16QAM	12	13	17.21	17.13	17.28		
5	16QAM	25	0	17.18	17.23	17.24		
5	64QAM	1	0	17.24	17.20	17.21	19	0
5	64QAM	1	12	17.13	17.18	17.19		
5	64QAM	1	24	17.27	17.25	17.15		
5	64QAM	12	0	17.21	17.34	17.19	19	0
5	64QAM	12	7	17.18	17.22	17.11		
5	64QAM	12	13	17.13	17.36	17.39		
5	64QAM	25	0	17.26	17.25	17.22		
5	256QAM	1	0	17.21	17.35	17.19	19	0
5	256QAM	1	12	17.17	17.36	17.25		
5	256QAM	1	24	17.24	17.30	17.19		
5	256QAM	12	0	17.18	17.37	17.25	19	0
5	256QAM	12	7	17.16	17.30	17.16		
5	256QAM	12	13	17.24	17.24	17.32		
5	256QAM	25	0	17.17	17.23	17.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.35	17.39	17.34	19	0
3	QPSK	1	8	17.32	17.28	17.29		
3	QPSK	1	14	17.27	17.35	17.27		
3	QPSK	8	0	17.15	17.28	17.17	19	0
3	QPSK	8	4	17.14	17.10	17.21		
3	QPSK	8	7	17.18	17.12	17.15		
3	QPSK	15	0	17.03	17.13	17.16		
3	16QAM	1	0	17.10	17.14	17.23	19	0
3	16QAM	1	8	17.18	17.08	17.11		
3	16QAM	1	14	17.02	17.10	17.17		
3	16QAM	8	0	17.21	17.12	17.17	19	0
3	16QAM	8	4	17.16	17.19	17.35		
3	16QAM	8	7	17.26	17.24	17.15		
3	16QAM	15	0	17.05	17.29	17.28		
3	64QAM	1	0	17.20	17.14	17.25	19	0
3	64QAM	1	8	17.09	17.21	17.25		
3	64QAM	1	14	17.18	17.38	17.22		
3	64QAM	8	0	17.27	17.20	17.12	19	0
3	64QAM	8	4	17.18	17.20	17.17		
3	64QAM	8	7	17.13	17.33	17.27		
3	64QAM	15	0	17.20	17.27	17.30		
3	256QAM	1	0	17.14	17.26	17.14	19	0
3	256QAM	1	8	17.11	17.42	17.15		
3	256QAM	1	14	17.31	17.27	17.17		
3	256QAM	8	0	17.21	17.28	17.25	19	0
3	256QAM	8	4	17.06	17.22	17.16		
3	256QAM	8	7	17.12	17.19	17.34		
3	256QAM	15	0	17.18	17.21	17.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.23	17.37	17.23	19	0
1.4	QPSK	1	3	17.27	17.41	17.29		
1.4	QPSK	1	5	17.22	17.25	17.24		
1.4	QPSK	3	0	17.09	17.32	17.24		
1.4	QPSK	3	1	17.23	17.16	17.16		
1.4	QPSK	3	3	17.18	17.25	17.13		
1.4	QPSK	6	0	17.15	17.22	17.00	19	0
1.4	16QAM	1	0	17.11	17.09	17.13	19	0
1.4	16QAM	1	3	17.12	17.13	17.14		
1.4	16QAM	1	5	17.04	17.09	17.16		
1.4	16QAM	3	0	17.19	17.18	17.16		
1.4	16QAM	3	1	17.21	17.10	17.31		
1.4	16QAM	3	3	17.17	17.22	17.21		
1.4	16QAM	6	0	17.18	17.23	17.24	19	0
1.4	64QAM	1	0	17.20	17.16	17.28	19	0
1.4	64QAM	1	3	17.12	17.20	17.31		
1.4	64QAM	1	5	17.25	17.32	17.27		
1.4	64QAM	3	0	17.26	17.31	17.21		
1.4	64QAM	3	1	17.17	17.28	17.13		
1.4	64QAM	3	3	17.07	17.34	17.28		
1.4	64QAM	6	0	17.27	17.21	17.29	19	0
1.4	256QAM	1	0	17.25	17.28	17.14	19	0
1.4	256QAM	1	3	17.02	17.30	17.12		
1.4	256QAM	1	5	17.23	17.30	17.28		
1.4	256QAM	3	0	17.19	17.31	17.23		
1.4	256QAM	3	1	17.11	17.17	17.22		
1.4	256QAM	3	3	17.13	17.25	17.19		
1.4	256QAM	6	0	17.16	17.27	17.20	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.98	15.06	15.02	16.5	0
20	QPSK	1	49	15.04	14.95	14.96		
20	QPSK	1	99	14.84	14.97	14.85		
20	QPSK	50	0	14.93	14.95	14.90	16.5	0
20	QPSK	50	24	14.72	14.82	14.82		
20	QPSK	50	50	14.82	14.79	14.68		
20	QPSK	100	0	14.65	14.87	14.59		
20	16QAM	1	0	14.67	14.82	14.83	16.5	0
20	16QAM	1	49	14.74	14.80	14.84		
20	16QAM	1	99	14.67	14.64	14.80		
20	16QAM	50	0	14.80	14.74	14.82	16.5	0
20	16QAM	50	24	14.90	14.76	14.86		
20	16QAM	50	50	14.80	14.75	14.89		
20	16QAM	100	0	14.74	14.96	14.80		
20	64QAM	1	0	14.75	14.88	14.90	16.5	0
20	64QAM	1	49	14.84	14.88	14.82		
20	64QAM	1	99	14.87	14.89	14.95		
20	64QAM	50	0	14.92	14.96	14.83	16.5	0
20	64QAM	50	24	14.80	14.92	14.71		
20	64QAM	50	50	14.73	14.99	15.02		
20	64QAM	100	0	14.86	14.83	14.96		
20	256QAM	1	0	14.75	14.92	14.89	16.5	0
20	256QAM	1	49	14.79	15.04	14.84		
20	256QAM	1	99	14.93	14.96	14.88		
20	256QAM	50	0	14.86	14.86	14.94	16.5	0
20	256QAM	50	24	14.82	14.82	14.84		
20	256QAM	50	50	14.86	14.93	14.83		
20	256QAM	100	0	14.80	14.80	14.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.81	14.99	14.82	16.5	0
15	QPSK	1	37	14.84	14.90	14.81		
15	QPSK	1	74	14.87	14.83	14.83		
15	QPSK	36	0	14.69	14.87	14.76	16.5	0
15	QPSK	36	20	14.72	14.66	14.74		
15	QPSK	36	39	14.62	14.75	14.67		
15	QPSK	75	0	14.59	14.62	14.54		
15	16QAM	1	0	14.56	14.72	14.79	16.5	0
15	16QAM	1	37	14.65	14.70	14.73		
15	16QAM	1	74	14.56	14.62	14.72		
15	16QAM	36	0	14.72	14.70	14.71	16.5	0
15	16QAM	36	20	14.69	14.73	14.82		
15	16QAM	36	39	14.82	14.76	14.84		
15	16QAM	75	0	14.65	14.83	14.72		
15	64QAM	1	0	14.72	14.70	14.80	16.5	0
15	64QAM	1	37	14.71	14.76	14.80		
15	64QAM	1	74	14.78	14.90	14.73		
15	64QAM	36	0	14.84	14.74	14.72	16.5	0
15	64QAM	36	20	14.67	14.72	14.65		
15	64QAM	36	39	14.66	14.83	14.92		
15	64QAM	75	0	14.79	14.71	14.75		
15	256QAM	1	0	14.72	14.81	14.78	16.5	0
15	256QAM	1	37	14.65	14.83	14.78		
15	256QAM	1	74	14.76	14.76	14.75		
15	256QAM	36	0	14.75	14.84	14.69	16.5	0
15	256QAM	36	20	14.65	14.84	14.71		
15	256QAM	36	39	14.76	14.71	14.82		
15	256QAM	75	0	14.74	14.75	14.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.81	14.92	14.80	16.5	0
10	QPSK	1	25	14.86	14.85	14.79		
10	QPSK	1	49	14.88	14.80	14.76		
10	QPSK	25	0	14.67	14.81	14.73	16.5	0
10	QPSK	25	12	14.69	14.78	14.72		
10	QPSK	25	25	14.69	14.65	14.64		
10	QPSK	50	0	14.78	14.76	14.55		
10	16QAM	1	0	14.54	14.73	14.79	16.5	0
10	16QAM	1	25	14.61	14.69	14.69		
10	16QAM	1	49	14.56	14.64	14.60		
10	16QAM	25	0	14.78	14.74	14.74	16.5	0
10	16QAM	25	12	14.68	14.73	14.84		
10	16QAM	25	25	14.77	14.73	14.85		
10	16QAM	50	0	14.60	14.87	14.78		
10	64QAM	1	0	14.69	14.76	14.72	16.5	0
10	64QAM	1	25	14.78	14.72	14.74		
10	64QAM	1	49	14.71	14.84	14.84		
10	64QAM	25	0	14.79	14.76	14.79	16.5	0
10	64QAM	25	12	14.63	14.75	14.73		
10	64QAM	25	25	14.60	14.89	14.92		
10	64QAM	50	0	14.77	14.73	14.74		
10	256QAM	1	0	14.79	14.89	14.79	16.5	0
10	256QAM	1	25	14.57	14.99	14.80		
10	256QAM	1	49	14.79	14.76	14.77		
10	256QAM	25	0	14.69	14.86	14.73	16.5	0
10	256QAM	25	12	14.59	14.75	14.79		
10	256QAM	25	25	14.73	14.76	14.88		
10	256QAM	50	0	14.73	14.85	14.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.76	14.88	14.80	16.5	0
5	QPSK	1	12	14.88	14.95	14.92		
5	QPSK	1	24	14.75	14.78	14.82		
5	QPSK	12	0	14.74	14.92	14.70	16.5	0
5	QPSK	12	7	14.77	14.75	14.60		
5	QPSK	12	13	14.59	14.72	14.61		
5	QPSK	25	0	14.77	14.75	14.84		
5	16QAM	1	0	14.63	14.69	14.66	16.5	0
5	16QAM	1	12	14.61	14.70	14.69		
5	16QAM	1	24	14.65	14.59	14.72		
5	16QAM	12	0	14.69	14.72	14.73	16.5	0
5	16QAM	12	7	14.70	14.77	14.74		
5	16QAM	12	13	14.73	14.69	14.71		
5	16QAM	25	0	14.73	14.83	14.86		
5	64QAM	1	0	14.75	14.67	14.78	16.5	0
5	64QAM	1	12	14.63	14.72	14.87		
5	64QAM	1	24	14.70	14.80	14.79		
5	64QAM	12	0	14.75	14.75	14.64	16.5	0
5	64QAM	12	7	14.67	14.75	14.62		
5	64QAM	12	13	14.70	14.85	14.84		
5	64QAM	25	0	14.76	14.85	14.75		
5	256QAM	1	0	14.71	14.85	14.68	16.5	0
5	256QAM	1	12	14.64	14.89	14.74		
5	256QAM	1	24	14.84	14.74	14.84		
5	256QAM	12	0	14.78	14.85	14.82	16.5	0
5	256QAM	12	7	14.59	14.80	14.74		
5	256QAM	12	13	14.65	14.70	14.87		
5	256QAM	25	0	14.64	14.81	14.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.64	17.69	17.59	19	0
20	QPSK	1	49	17.56	17.62	17.52		
20	QPSK	1	99	17.55	17.56	17.46		
20	QPSK	50	0	17.59	17.60	17.40	19	0
20	QPSK	50	24	17.38	17.50	17.36		
20	QPSK	50	50	17.37	17.45	17.41		
20	QPSK	100	0	17.22	17.45	17.19		
20	16QAM	1	0	17.36	17.39	17.42	19	0
20	16QAM	1	49	17.41	17.35	17.44		
20	16QAM	1	99	17.33	17.30	17.37		
20	16QAM	50	0	17.47	17.47	17.40	19	0
20	16QAM	50	24	17.44	17.37	17.60		
20	16QAM	50	50	17.43	17.49	17.50		
20	16QAM	100	0	17.31	17.54	17.43		
20	64QAM	1	0	17.47	17.42	17.57	19	0
20	64QAM	1	49	17.34	17.42	17.45		
20	64QAM	1	99	17.46	17.52	17.52		
20	64QAM	50	0	17.53	17.47	17.35	19	0
20	64QAM	50	24	17.47	17.52	17.33		
20	64QAM	50	50	17.32	17.55	17.62		
20	64QAM	100	0	17.50	17.43	17.59		
20	256QAM	1	0	17.40	17.64	17.41	19	0
20	256QAM	1	49	17.31	17.65	17.49		
20	256QAM	1	99	17.57	17.51	17.54		
20	256QAM	50	0	17.37	17.49	17.45	19	0
20	256QAM	50	24	17.40	17.48	17.47		
20	256QAM	50	50	17.39	17.50	17.53		
20	256QAM	100	0	17.43	17.49	17.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.37	17.59	17.43	19	0
15	QPSK	1	37	17.50	17.52	17.49		
15	QPSK	1	74	17.45	17.39	17.38		
15	QPSK	36	0	17.31	17.46	17.37	19	0
15	QPSK	36	20	17.34	17.33	17.31		
15	QPSK	36	39	17.27	17.29	17.31		
15	QPSK	75	0	17.11	17.30	17.09		
15	16QAM	1	0	17.27	17.36	17.40	19	0
15	16QAM	1	37	17.29	17.26	17.23		
15	16QAM	1	74	17.17	17.16	17.20		
15	16QAM	36	0	17.34	17.37	17.32	19	0
15	16QAM	36	20	17.34	17.27	17.46		
15	16QAM	36	39	17.35	17.26	17.35		
15	16QAM	75	0	17.31	17.49	17.47		
15	64QAM	1	0	17.39	17.29	17.45	19	0
15	64QAM	1	37	17.25	17.26	17.36		
15	64QAM	1	74	17.36	17.50	17.35		
15	64QAM	36	0	17.34	17.45	17.27	19	0
15	64QAM	36	20	17.37	17.31	17.30		
15	64QAM	36	39	17.26	17.44	17.48		
15	64QAM	75	0	17.32	17.44	17.36		
15	256QAM	1	0	17.32	17.49	17.29	19	0
15	256QAM	1	37	17.23	17.53	17.29		
15	256QAM	1	74	17.38	17.34	17.39		
15	256QAM	36	0	17.41	17.38	17.31	19	0
15	256QAM	36	20	17.33	17.36	17.33		
15	256QAM	36	39	17.28	17.33	17.47		
15	256QAM	75	0	17.39	17.36	17.36		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.36	17.54	17.43	19	0
10	QPSK	1	25	17.52	17.56	17.44		
10	QPSK	1	49	17.39	17.51	17.34		
10	QPSK	25	0	17.32	17.49	17.32	19	0
10	QPSK	25	12	17.26	17.28	17.30		
10	QPSK	25	25	17.26	17.34	17.28		
10	QPSK	50	0	17.17	17.37	17.14		
10	16QAM	1	0	17.16	17.32	17.36	19	0
10	16QAM	1	25	17.31	17.28	17.35		
10	16QAM	1	49	17.20	17.14	17.19		
10	16QAM	25	0	17.36	17.36	17.26	19	0
10	16QAM	25	12	17.35	17.31	17.48		
10	16QAM	25	25	17.38	17.27	17.33		
10	16QAM	50	0	17.29	17.44	17.33		
10	64QAM	1	0	17.38	17.32	17.45	19	0
10	64QAM	1	25	17.31	17.36	17.32		
10	64QAM	1	49	17.29	17.47	17.37		
10	64QAM	25	0	17.36	17.38	17.30	19	0
10	64QAM	25	12	17.37	17.31	17.25		
10	64QAM	25	25	17.29	17.51	17.53		
10	64QAM	50	0	17.38	17.36	17.34		
10	256QAM	1	0	17.34	17.51	17.41	19	0
10	256QAM	1	25	17.30	17.55	17.29		
10	256QAM	1	49	17.41	17.34	17.32		
10	256QAM	25	0	17.29	17.53	17.35	19	0
10	256QAM	25	12	17.20	17.36	17.42		
10	256QAM	25	25	17.34	17.31	17.40		
10	256QAM	50	0	17.32	17.37	17.43		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.38	17.52	17.46	19	0
5	QPSK	1	12	17.45	17.47	17.50		
5	QPSK	1	24	17.45	17.51	17.34		
5	QPSK	12	0	17.28	17.46	17.25	19	0
5	QPSK	12	7	17.30	17.32	17.27		
5	QPSK	12	13	17.31	17.30	17.27		
5	QPSK	25	0	17.15	17.29	17.09		
5	16QAM	1	0	17.19	17.29	17.36	19	0
5	16QAM	1	12	17.19	17.16	17.34		
5	16QAM	1	24	17.21	17.22	17.26		
5	16QAM	12	0	17.33	17.30	17.29	19	0
5	16QAM	12	7	17.31	17.24	17.37		
5	16QAM	12	13	17.36	17.33	17.38		
5	16QAM	25	0	17.20	17.45	17.35		
5	64QAM	1	0	17.35	17.32	17.35	19	0
5	64QAM	1	12	17.29	17.29	17.33		
5	64QAM	1	24	17.34	17.46	17.31		
5	64QAM	12	0	17.38	17.47	17.34	19	0
5	64QAM	12	7	17.35	17.34	17.30		
5	64QAM	12	13	17.25	17.43	17.53		
5	64QAM	25	0	17.38	17.32	17.43		
5	256QAM	1	0	17.27	17.42	17.32	19	0
5	256QAM	1	12	17.18	17.48	17.33		
5	256QAM	1	24	17.46	17.37	17.39		
5	256QAM	12	0	17.36	17.38	17.41	19	0
5	256QAM	12	7	17.28	17.42	17.40		
5	256QAM	12	13	17.34	17.40	17.42		
5	256QAM	25	0	17.33	17.42	17.36		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.34	17.57	17.45	19	0
3	QPSK	1	8	17.52	17.54	17.54		
3	QPSK	1	14	17.48	17.49	17.41		
3	QPSK	8	0	17.33	17.53	17.36	19	0
3	QPSK	8	4	17.24	17.35	17.35		
3	QPSK	8	7	17.26	17.28	17.20		
3	QPSK	15	0	17.19	17.26	17.19		
3	16QAM	1	0	17.18	17.28	17.30	19	0
3	16QAM	1	8	17.34	17.29	17.28		
3	16QAM	1	14	17.19	17.29	17.27		
3	16QAM	8	0	17.35	17.25	17.23	19	0
3	16QAM	8	4	17.34	17.35	17.37		
3	16QAM	8	7	17.32	17.35	17.38		
3	16QAM	15	0	17.23	17.38	17.36		
3	64QAM	1	0	17.36	17.40	17.34	19	0
3	64QAM	1	8	17.31	17.33	17.34		
3	64QAM	1	14	17.28	17.55	17.41		
3	64QAM	8	0	17.46	17.48	17.36	19	0
3	64QAM	8	4	17.23	17.35	17.22		
3	64QAM	8	7	17.33	17.51	17.42		
3	64QAM	15	0	17.43	17.37	17.44		
3	256QAM	1	0	17.30	17.48	17.38	19	0
3	256QAM	1	8	17.25	17.56	17.40		
3	256QAM	1	14	17.40	17.40	17.39		
3	256QAM	8	0	17.30	17.40	17.41	19	0
3	256QAM	8	4	17.32	17.34	17.41		
3	256QAM	8	7	17.32	17.30	17.46		
3	256QAM	15	0	17.26	17.41	17.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.36	17.49	17.42	19	0
1.4	QPSK	1	3	17.40	17.55	17.42		
1.4	QPSK	1	5	17.36	17.40	17.43		
1.4	QPSK	3	0	17.32	17.42	17.31		
1.4	QPSK	3	1	17.36	17.30	17.26		
1.4	QPSK	3	3	17.22	17.39	17.24		
1.4	QPSK	6	0	17.17	17.34	17.09	19	0
1.4	16QAM	1	0	17.31	17.26	17.34	19	0
1.4	16QAM	1	3	17.23	17.25	17.24		
1.4	16QAM	1	5	17.20	17.29	17.29		
1.4	16QAM	3	0	17.33	17.34	17.23		
1.4	16QAM	3	1	17.36	17.32	17.50		
1.4	16QAM	3	3	17.33	17.35	17.34		
1.4	16QAM	6	0	17.34	17.49	17.46	19	0
1.4	64QAM	1	0	17.34	17.29	17.43	19	0
1.4	64QAM	1	3	17.25	17.31	17.38		
1.4	64QAM	1	5	17.42	17.40	17.44		
1.4	64QAM	3	0	17.36	17.48	17.33		
1.4	64QAM	3	1	17.26	17.36	17.24		
1.4	64QAM	3	3	17.29	17.38	17.45		
1.4	64QAM	6	0	17.38	17.45	17.40	19	0
1.4	256QAM	1	0	17.34	17.53	17.28	19	0
1.4	256QAM	1	3	17.33	17.59	17.34		
1.4	256QAM	1	5	17.36	17.40	17.34		
1.4	256QAM	3	0	17.35	17.46	17.30		
1.4	256QAM	3	1	17.19	17.32	17.31		
1.4	256QAM	3	3	17.33	17.39	17.45		
1.4	256QAM	6	0	17.25	17.35	17.42	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.85	17.00	16.88	18.5	0
20	QPSK	1	49	16.81	16.79	16.92		
20	QPSK	1	99	16.75	16.77	16.69		
20	QPSK	50	0	16.71	16.82	16.78	18.5	0
20	QPSK	50	24	16.63	16.77	16.60		
20	QPSK	50	50	16.67	16.72	16.64		
20	QPSK	100	0	16.59	16.65	16.58		
20	16QAM	1	0	16.55	16.65	16.72	18.5	0
20	16QAM	1	49	16.60	16.55	16.70		
20	16QAM	1	99	16.60	16.53	16.59		
20	16QAM	50	0	16.78	16.68	16.70	18.5	0
20	16QAM	50	24	16.71	16.77	16.80		
20	16QAM	50	50	16.70	16.67	16.77		
20	16QAM	100	0	16.62	16.84	16.80		
20	64QAM	1	0	16.65	16.77	16.82	18.5	0
20	64QAM	1	49	16.69	16.62	16.74		
20	64QAM	1	99	16.75	16.85	16.70		
20	64QAM	50	0	16.72	16.80	16.72	18.5	0
20	64QAM	50	24	16.66	16.82	16.69		
20	64QAM	50	50	16.73	16.75	16.81		
20	64QAM	100	0	16.67	16.80	16.77		
20	256QAM	1	0	16.74	16.89	16.79	18.5	0
20	256QAM	1	49	16.63	16.93	16.71		
20	256QAM	1	99	16.79	16.72	16.73		
20	256QAM	50	0	16.74	16.84	16.81	18.5	0
20	256QAM	50	24	16.62	16.77	16.79		
20	256QAM	50	50	16.72	16.82	16.80		
20	256QAM	100	0	16.67	16.82	16.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.66	16.92	16.71	18.5	0
15	QPSK	1	37	16.80	16.85	16.74		
15	QPSK	1	74	16.65	16.74	16.68		
15	QPSK	36	0	16.58	16.77	16.56	18.5	0
15	QPSK	36	20	16.63	16.63	16.58		
15	QPSK	36	39	16.63	16.66	16.56		
15	QPSK	75	0	16.54	16.56	16.57		
15	16QAM	1	0	16.57	16.64	16.66	18.5	0
15	16QAM	1	37	16.58	16.57	16.53		
15	16QAM	1	74	16.54	16.54	16.55		
15	16QAM	36	0	16.66	16.51	16.63	18.5	0
15	16QAM	36	20	16.63	16.60	16.67		
15	16QAM	36	39	16.74	16.55	16.59		
15	16QAM	75	0	16.53	16.73	16.67		
15	64QAM	1	0	16.58	16.63	16.63	18.5	0
15	64QAM	1	37	16.53	16.62	16.71		
15	64QAM	1	74	16.62	16.77	16.66		
15	64QAM	36	0	16.68	16.68	16.60	18.5	0
15	64QAM	36	20	16.64	16.61	16.65		
15	64QAM	36	39	16.62	16.69	16.81		
15	64QAM	75	0	16.63	16.60	16.64		
15	256QAM	1	0	16.61	16.74	16.63	18.5	0
15	256QAM	1	37	16.52	16.80	16.54		
15	256QAM	1	74	16.66	16.69	16.72		
15	256QAM	36	0	16.58	16.70	16.61	18.5	0
15	256QAM	36	20	16.56	16.66	16.67		
15	256QAM	36	39	16.64	16.60	16.66		
15	256QAM	75	0	16.66	16.60	16.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.87	16.82	18.5	0
10	QPSK	1	25	16.82	16.75	16.77		
10	QPSK	1	49	16.66	16.66	16.66		
10	QPSK	25	0	16.61	16.71	16.56	18.5	0
10	QPSK	25	12	16.65	16.61	16.61		
10	QPSK	25	25	16.61	16.69	16.60		
10	QPSK	50	0	16.56	16.64	16.57		
10	16QAM	1	0	16.51	16.66	16.61	18.5	0
10	16QAM	1	25	16.54	16.59	16.61		
10	16QAM	1	49	16.58	16.61	16.59		
10	16QAM	25	0	16.66	16.50	16.51	18.5	0
10	16QAM	25	12	16.59	16.58	16.71		
10	16QAM	25	25	16.72	16.64	16.67		
10	16QAM	50	0	16.57	16.66	16.69		
10	64QAM	1	0	16.59	16.60	16.76	18.5	0
10	64QAM	1	25	16.61	16.62	16.75		
10	64QAM	1	49	16.57	16.80	16.62		
10	64QAM	25	0	16.71	16.70	16.56	18.5	0
10	64QAM	25	12	16.55	16.66	16.51		
10	64QAM	25	25	16.50	16.72	16.78		
10	64QAM	50	0	16.62	16.72	16.64		
10	256QAM	1	0	16.56	16.66	16.58	18.5	0
10	256QAM	1	25	16.52	16.78	16.60		
10	256QAM	1	49	16.72	16.68	16.69		
10	256QAM	25	0	16.56	16.68	16.59	18.5	0
10	256QAM	25	12	16.50	16.72	16.74		
10	256QAM	25	25	16.62	16.60	16.67		
10	256QAM	50	0	16.58	16.61	16.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.69	16.79	16.81	18.5	0
5	QPSK	1	12	16.72	16.84	16.68		
5	QPSK	1	24	16.76	16.77	16.68		
5	QPSK	12	0	16.58	16.68	16.67	18.5	0
5	QPSK	12	7	16.63	16.53	16.54		
5	QPSK	12	13	16.55	16.65	16.50		
5	QPSK	25	0	16.55	16.62	16.57		
5	16QAM	1	0	16.55	16.61	16.68	18.5	0
5	16QAM	1	12	16.50	16.53	16.55		
5	16QAM	1	24	16.56	16.56	16.61		
5	16QAM	12	0	16.65	16.55	16.60	18.5	0
5	16QAM	12	7	16.72	16.53	16.76		
5	16QAM	12	13	16.73	16.65	16.58		
5	16QAM	25	0	16.61	16.76	16.59		
5	64QAM	1	0	16.58	16.55	16.75	18.5	0
5	64QAM	1	12	16.62	16.64	16.70		
5	64QAM	1	24	16.58	16.73	16.71		
5	64QAM	12	0	16.67	16.64	16.59	18.5	0
5	64QAM	12	7	16.58	16.71	16.56		
5	64QAM	12	13	16.59	16.76	16.67		
5	64QAM	25	0	16.61	16.62	16.65		
5	256QAM	1	0	16.54	16.80	16.56	18.5	0
5	256QAM	1	12	16.60	16.82	16.66		
5	256QAM	1	24	16.70	16.72	16.68		
5	256QAM	12	0	16.63	16.79	16.63	18.5	0
5	256QAM	12	7	16.59	16.75	16.59		
5	256QAM	12	13	16.63	16.66	16.71		
5	256QAM	25	0	16.57	16.66	16.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.73	16.87	16.68	18.5	0
3	QPSK	1	8	16.68	16.72	16.72		
3	QPSK	1	14	16.77	16.80	16.62		
3	QPSK	8	0	16.54	16.78	16.67	18.5	0
3	QPSK	8	4	16.52	16.64	16.51		
3	QPSK	8	7	16.62	16.62	16.57		
3	QPSK	15	0	16.56	16.61	16.56		
3	16QAM	1	0	16.56	16.66	16.60	18.5	0
3	16QAM	1	8	16.54	16.57	16.53		
3	16QAM	1	14	16.57	16.58	16.58		
3	16QAM	8	0	16.62	16.60	16.55	18.5	0
3	16QAM	8	4	16.70	16.63	16.63		
3	16QAM	8	7	16.71	16.66	16.70		
3	16QAM	15	0	16.50	16.78	16.65		
3	64QAM	1	0	16.66	16.61	16.66	18.5	0
3	64QAM	1	8	16.61	16.53	16.75		
3	64QAM	1	14	16.70	16.69	16.59		
3	64QAM	8	0	16.71	16.68	16.54	18.5	0
3	64QAM	8	4	16.65	16.57	16.63		
3	64QAM	8	7	16.61	16.68	16.70		
3	64QAM	15	0	16.59	16.73	16.69		
3	256QAM	1	0	16.56	16.78	16.59	18.5	0
3	256QAM	1	8	16.58	16.87	16.56		
3	256QAM	1	14	16.62	16.60	16.68		
3	256QAM	8	0	16.63	16.81	16.64	18.5	0
3	256QAM	8	4	16.52	16.65	16.67		
3	256QAM	8	7	16.57	16.70	16.62		
3	256QAM	15	0	16.59	16.64	16.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.64	16.79	16.68	18.5	0
1.4	QPSK	1	3	16.78	16.75	16.80		
1.4	QPSK	1	5	16.69	16.69	16.61		
1.4	QPSK	3	0	16.58	16.75	16.58		
1.4	QPSK	3	1	16.55	16.63	16.54		
1.4	QPSK	3	3	16.60	16.55	16.55		
1.4	QPSK	6	0	16.53	16.66	16.56	18.5	0
1.4	16QAM	1	0	16.57	16.57	16.71	18.5	0
1.4	16QAM	1	3	16.50	16.58	16.52		
1.4	16QAM	1	5	16.54	16.56	16.61		
1.4	16QAM	3	0	16.65	16.57	16.55		
1.4	16QAM	3	1	16.63	16.68	16.69		
1.4	16QAM	3	3	16.61	16.59	16.66		
1.4	16QAM	6	0	16.51	16.72	16.62	18.5	0
1.4	64QAM	1	0	16.57	16.59	16.63	18.5	0
1.4	64QAM	1	3	16.52	16.54	16.65		
1.4	64QAM	1	5	16.56	16.75	16.69		
1.4	64QAM	3	0	16.66	16.77	16.67		
1.4	64QAM	3	1	16.57	16.66	16.61		
1.4	64QAM	3	3	16.53	16.78	16.75		
1.4	64QAM	6	0	16.68	16.65	16.72	18.5	0
1.4	256QAM	1	0	16.59	16.79	16.58	18.5	0
1.4	256QAM	1	3	16.57	16.72	16.57		
1.4	256QAM	1	5	16.63	16.62	16.57		
1.4	256QAM	3	0	16.66	16.74	16.69		
1.4	256QAM	3	1	16.57	16.69	16.62		
1.4	256QAM	3	3	16.53	16.59	16.72		
1.4	256QAM	6	0	16.62	16.70	16.65	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.81	18.84	18.74	20	0
20	QPSK	1	49	18.66	18.74	18.77		
20	QPSK	1	99	18.70	18.61	18.71		
20	QPSK	50	0	18.70	18.75	18.71	20	0
20	QPSK	50	24	18.64	18.63	18.56		
20	QPSK	50	50	18.61	18.51	18.46		
20	QPSK	100	0	18.39	18.71	18.40		
20	16QAM	1	0	18.45	18.62	18.65	20	0
20	16QAM	1	49	18.54	18.50	18.52		
20	16QAM	1	99	18.40	18.48	18.46		
20	16QAM	50	0	18.56	18.53	18.56	20	0
20	16QAM	50	24	18.55	18.51	18.74		
20	16QAM	50	50	18.67	18.50	18.61		
20	16QAM	100	0	18.47	18.75	18.61		
20	64QAM	1	0	18.53	18.57	18.67	20	0
20	64QAM	1	49	18.58	18.55	18.63		
20	64QAM	1	99	18.56	18.65	18.69		
20	64QAM	50	0	18.64	18.66	18.51	20	0
20	64QAM	50	24	18.50	18.59	18.58		
20	64QAM	50	50	18.61	18.67	18.65		
20	64QAM	100	0	18.65	18.61	18.71		
20	256QAM	1	0	18.55	18.71	18.53	20	0
20	256QAM	1	49	18.49	18.83	18.65		
20	256QAM	1	99	18.62	18.67	18.67		
20	256QAM	50	0	18.65	18.77	18.70	20	0
20	256QAM	50	24	18.52	18.65	18.66		
20	256QAM	50	50	18.62	18.60	18.71		
20	256QAM	100	0	18.50	18.64	18.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.56	18.72	18.64	20	0
15	QPSK	1	37	18.57	18.70	18.58		
15	QPSK	1	74	18.63	18.62	18.49		
15	QPSK	36	0	18.46	18.61	18.50	20	0
15	QPSK	36	20	18.49	18.52	18.37		
15	QPSK	36	39	18.44	18.46	18.32		
15	QPSK	75	0	18.33	18.48	18.23		
15	16QAM	1	0	18.44	18.51	18.43	20	0
15	16QAM	1	37	18.43	18.40	18.52		
15	16QAM	1	74	18.39	18.30	18.42		
15	16QAM	36	0	18.44	18.40	18.45	20	0
15	16QAM	36	20	18.51	18.43	18.52		
15	16QAM	36	39	18.59	18.53	18.55		
15	16QAM	75	0	18.42	18.53	18.53		
15	64QAM	1	0	18.41	18.42	18.50	20	0
15	64QAM	1	37	18.50	18.49	18.58		
15	64QAM	1	74	18.56	18.59	18.57		
15	64QAM	36	0	18.51	18.62	18.56	20	0
15	64QAM	36	20	18.44	18.48	18.52		
15	64QAM	36	39	18.38	18.59	18.59		
15	64QAM	75	0	18.47	18.56	18.60		
15	256QAM	1	0	18.40	18.56	18.48	20	0
15	256QAM	1	37	18.43	18.69	18.43		
15	256QAM	1	74	18.57	18.59	18.59		
15	256QAM	36	0	18.53	18.60	18.45	20	0
15	256QAM	36	20	18.46	18.49	18.56		
15	256QAM	36	39	18.55	18.53	18.52		
15	256QAM	75	0	18.43	18.54	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.61	18.68	18.65	20	0
10	QPSK	1	25	18.65	18.67	18.54		
10	QPSK	1	49	18.60	18.63	18.55		
10	QPSK	25	0	18.43	18.68	18.50	20	0
10	QPSK	25	12	18.42	18.49	18.44		
10	QPSK	25	25	18.42	18.44	18.45		
10	QPSK	50	0	18.35	18.48	18.28		
10	16QAM	1	0	18.35	18.48	18.51	20	0
10	16QAM	1	25	18.42	18.39	18.48		
10	16QAM	1	49	18.34	18.33	18.41		
10	16QAM	25	0	18.53	18.50	18.38	20	0
10	16QAM	25	12	18.55	18.42	18.63		
10	16QAM	25	25	18.46	18.50	18.46		
10	16QAM	50	0	18.36	18.59	18.50		
10	64QAM	1	0	18.42	18.46	18.49	20	0
10	64QAM	1	25	18.38	18.52	18.54		
10	64QAM	1	49	18.50	18.68	18.46		
10	64QAM	25	0	18.50	18.61	18.43	20	0
10	64QAM	25	12	18.43	18.48	18.37		
10	64QAM	25	25	18.51	18.66	18.60		
10	64QAM	50	0	18.52	18.47	18.60		
10	256QAM	1	0	18.42	18.61	18.52	20	0
10	256QAM	1	25	18.46	18.68	18.48		
10	256QAM	1	49	18.57	18.46	18.58		
10	256QAM	25	0	18.41	18.61	18.52	20	0
10	256QAM	25	12	18.35	18.58	18.55		
10	256QAM	25	25	18.48	18.46	18.53		
10	256QAM	50	0	18.42	18.61	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.58	18.69	18.63	20	0
5	QPSK	1	12	18.64	18.58	18.57		
5	QPSK	1	24	18.57	18.53	18.48		
5	QPSK	12	0	18.38	18.62	18.45	20	0
5	QPSK	12	7	18.38	18.55	18.50		
5	QPSK	12	13	18.37	18.45	18.37		
5	QPSK	25	0	18.30	18.40	18.30		
5	16QAM	1	0	18.34	18.47	18.47	20	0
5	16QAM	1	12	18.47	18.36	18.53		
5	16QAM	1	24	18.44	18.33	18.43		
5	16QAM	12	0	18.49	18.43	18.50	20	0
5	16QAM	12	7	18.56	18.39	18.54		
5	16QAM	12	13	18.51	18.43	18.59		
5	16QAM	25	0	18.43	18.54	18.59		
5	64QAM	1	0	18.44	18.46	18.62	20	0
5	64QAM	1	12	18.43	18.50	18.62		
5	64QAM	1	24	18.53	18.63	18.57		
5	64QAM	12	0	18.61	18.61	18.54	20	0
5	64QAM	12	7	18.49	18.47	18.40		
5	64QAM	12	13	18.49	18.66	18.69		
5	64QAM	25	0	18.46	18.48	18.56		
5	256QAM	1	0	18.44	18.63	18.50	20	0
5	256QAM	1	12	18.43	18.73	18.53		
5	256QAM	1	24	18.57	18.55	18.51		
5	256QAM	12	0	18.48	18.65	18.57	20	0
5	256QAM	12	7	18.47	18.48	18.60		
5	256QAM	12	13	18.51	18.59	18.62		
5	256QAM	25	0	18.41	18.56	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.06	18.04	18.16	18.14	18.12	19.5	0
20	QPSK	1	49	18.01	18.10	18.05	18.14	18.04		
20	QPSK	1	99	18.02	18.01	18.12	17.94	17.97		
20	QPSK	50	0	17.90	17.89	18.06	17.88	17.90	19.5	0
20	QPSK	50	24	17.84	17.88	17.99	17.88	17.89		
20	QPSK	50	50	17.80	17.84	17.88	17.79	17.83		
20	QPSK	100	0	17.67	17.79	18.01	17.75	17.68		
20	16QAM	1	0	17.88	17.86	17.97	17.91	18.01	19.5	0
20	16QAM	1	49	17.93	17.81	17.79	17.95	17.88		
20	16QAM	1	99	17.87	17.84	17.90	17.89	17.93		
20	16QAM	50	0	17.89	17.93	17.88	17.90	17.90	19.5	0
20	16QAM	50	24	17.98	18.03	17.92	18.00	18.10		
20	16QAM	50	50	18.05	18.01	17.96	17.95	17.90		
20	16QAM	100	0	17.84	17.83	18.08	17.95	17.93		
20	64QAM	1	0	17.91	17.87	17.97	17.95	18.08	19.5	0
20	64QAM	1	49	17.89	17.97	17.90	17.93	18.04		
20	64QAM	1	99	17.97	17.92	18.02	18.02	17.97		
20	64QAM	50	0	18.01	17.98	18.07	17.94	17.96	19.5	0
20	64QAM	50	24	17.87	17.88	17.94	17.91	17.84		
20	64QAM	50	50	17.94	17.92	18.01	18.07	18.06		
20	64QAM	100	0	17.98	18.01	17.96	18.10	18.09		
20	256QAM	1	0	17.99	17.91	18.09	17.92	18.00	19.5	0
20	256QAM	1	49	17.80	17.81	18.13	17.94	17.94		
20	256QAM	1	99	18.00	17.97	18.04	17.96	17.91		
20	256QAM	50	0	17.97	17.98	18.09	17.95	18.00	19.5	0
20	256QAM	50	24	17.79	17.91	18.04	18.03	18.01		
20	256QAM	50	50	17.87	17.87	17.91	18.01	18.07		
20	256QAM	100	0	17.97	17.92	17.92	17.95	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.84	17.87	18.05	17.96	18.01	20	0
15	QPSK	1	37	18.03	18.03	18.05	17.97	18.02		
15	QPSK	1	74	17.99	17.88	17.89	17.92	17.81		
15	QPSK	36	0	17.84	17.83	18.00	17.88	17.89	19.5	0
15	QPSK	36	20	17.74	17.83	17.90	17.83	17.75		
15	QPSK	36	39	17.75	17.75	17.90	17.74	17.72		
15	QPSK	75	0	17.58	17.57	17.85	17.62	17.69		
15	16QAM	1	0	17.77	17.67	17.82	17.90	17.81	19.5	0
15	16QAM	1	37	17.82	17.81	17.80	17.82	17.83		
15	16QAM	1	74	17.76	17.75	17.67	17.73	17.72		
15	16QAM	36	0	17.89	17.80	17.84	17.81	17.86	19.5	0
15	16QAM	36	20	17.88	17.95	17.79	17.97	17.99		
15	16QAM	36	39	17.83	17.90	17.81	17.90	17.91		
15	16QAM	75	0	17.72	17.81	17.89	17.95	17.93		
15	64QAM	1	0	17.85	17.77	17.76	17.88	17.93	19.5	0
15	64QAM	1	37	17.79	17.84	17.78	17.95	17.97		
15	64QAM	1	74	17.79	17.88	18.04	17.92	17.85		
15	64QAM	36	0	17.80	17.82	17.94	17.83	17.89	19.5	0
15	64QAM	36	20	17.73	17.87	17.82	17.74	17.84		
15	64QAM	36	39	17.79	17.74	17.87	18.00	17.96		
15	64QAM	75	0	17.81	17.87	17.83	17.93	17.98		
15	256QAM	1	0	17.82	17.81	17.97	17.83	17.79	19.5	0
15	256QAM	1	37	17.71	17.81	17.99	17.88	17.85		
15	256QAM	1	74	17.86	17.95	17.89	17.94	17.85		
15	256QAM	36	0	17.79	17.88	18.00	17.86	17.92	19.5	0
15	256QAM	36	20	17.82	17.78	17.92	17.88	17.81		
15	256QAM	36	39	17.76	17.78	17.91	17.91	17.90		
15	256QAM	75	0	17.79	17.84	17.91	17.85	17.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.90	17.87	18.06	17.93	17.95	20	0
10	QPSK	1	25	17.91	17.99	17.91	17.98	17.90		
10	QPSK	1	49	17.87	17.95	17.88	17.87	17.83		
10	QPSK	25	0	17.84	17.73	17.98	17.81	17.88	19.5	0
10	QPSK	25	12	17.82	17.77	17.85	17.72	17.84		
10	QPSK	25	25	17.71	17.71	17.91	17.78	17.77		
10	QPSK	50	0	17.68	17.58	17.78	17.68	17.66		
10	16QAM	1	0	17.75	17.72	17.83	17.87	17.92	19.5	0
10	16QAM	1	25	17.69	17.78	17.82	17.86	17.88		
10	16QAM	1	49	17.74	17.75	17.67	17.77	17.84		
10	16QAM	25	0	17.80	17.86	17.83	17.83	17.73	19.5	0
10	16QAM	25	12	17.89	17.87	17.77	17.96	17.90		
10	16QAM	25	25	17.92	17.87	17.88	17.92	17.81		
10	16QAM	50	0	17.83	17.79	17.97	17.88	17.86		
10	64QAM	1	0	17.78	17.80	17.91	17.97	17.88	19.5	0
10	64QAM	1	25	17.83	17.77	17.75	17.92	17.89		
10	64QAM	1	49	17.90	17.78	18.00	17.86	17.92		
10	64QAM	25	0	17.95	17.94	17.92	17.90	17.85	19.5	0
10	64QAM	25	12	17.79	17.80	17.93	17.84	17.86		
10	64QAM	25	25	17.71	17.71	17.92	18.03	17.89		
10	64QAM	50	0	17.80	17.89	17.84	17.97	17.90		
10	256QAM	1	0	17.84	17.90	17.88	17.88	17.86	19.5	0
10	256QAM	1	25	17.74	17.69	17.96	17.89	17.86		
10	256QAM	1	49	17.97	17.88	17.89	17.93	17.91		
10	256QAM	25	0	17.89	17.86	17.87	17.91	17.82	19.5	0
10	256QAM	25	12	17.73	17.81	17.91	17.83	17.92		
10	256QAM	25	25	17.81	17.87	17.89	17.86	17.97		
10	256QAM	50	0	17.79	17.75	17.90	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.85	17.86	18.10	17.95	18.04	20	0
5	QPSK	1	12	17.94	17.91	17.95	17.98	17.89		
5	QPSK	1	24	17.86	17.96	17.95	17.88	17.87		
5	QPSK	12	0	17.73	17.71	17.98	17.84	17.84	19.5	0
5	QPSK	12	7	17.74	17.87	17.91	17.85	17.74		
5	QPSK	12	13	17.72	17.80	17.89	17.76	17.77		
5	QPSK	25	0	17.61	17.68	17.75	17.69	17.63		
5	16QAM	1	0	17.79	17.74	17.74	17.90	17.90	19.5	0
5	16QAM	1	12	17.72	17.72	17.77	17.89	17.76		
5	16QAM	1	24	17.71	17.75	17.66	17.83	17.76		
5	16QAM	12	0	17.85	17.88	17.74	17.75	17.80	19.5	0
5	16QAM	12	7	17.94	17.92	17.75	17.87	17.87		
5	16QAM	12	13	17.89	17.86	17.78	17.83	17.81		
5	16QAM	25	0	17.83	17.70	17.93	17.86	17.88		
5	64QAM	1	0	17.83	17.84	17.86	17.96	17.96	19.5	0
5	64QAM	1	12	17.84	17.90	17.83	17.88	17.97		
5	64QAM	1	24	17.78	17.87	17.95	17.93	17.88		
5	64QAM	12	0	17.87	17.92	17.87	17.89	17.87	19.5	0
5	64QAM	12	7	17.85	17.77	17.79	17.86	17.74		
5	64QAM	12	13	17.81	17.81	17.88	18.03	18.02		
5	64QAM	25	0	17.92	17.79	17.90	17.88	18.00		
5	256QAM	1	0	17.82	17.84	17.89	17.77	17.77	19.5	0
5	256QAM	1	12	17.77	17.78	17.97	17.78	17.85		
5	256QAM	1	24	17.94	17.93	17.81	17.84	17.83		
5	256QAM	12	0	17.78	17.90	17.93	17.86	17.82	19.5	0
5	256QAM	12	7	17.75	17.82	17.88	17.87	17.84		
5	256QAM	12	13	17.79	17.83	17.84	17.97	17.86		
5	256QAM	25	0	17.82	17.86	17.91	17.83	17.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.08	16.20	16.03	16.7	0
20	QPSK	1	49	16.07	16.02	16.05		
20	QPSK	1	99	16.09	15.98	16.05		
20	QPSK	50	0	15.95	16.07	15.88	16.7	0
20	QPSK	50	24	15.96	15.97	15.87		
20	QPSK	50	50	15.91	15.98	15.86		
20	QPSK	100	0	15.69	15.88	15.67		
20	16QAM	1	0	15.88	15.93	15.98	16.7	0
20	16QAM	1	49	15.89	15.92	15.85		
20	16QAM	1	99	15.85	15.91	15.92		
20	16QAM	50	0	15.90	15.87	15.84	16.7	0
20	16QAM	50	24	15.95	15.88	15.99		
20	16QAM	50	50	15.93	15.88	15.94		
20	16QAM	100	0	15.91	16.00	15.98		
20	64QAM	1	0	15.92	15.95	15.96	16.7	0
20	64QAM	1	49	15.92	15.88	16.00		
20	64QAM	1	99	15.92	16.04	16.01		
20	64QAM	50	0	16.05	16.08	16.01	16.7	0
20	64QAM	50	24	15.94	16.01	15.91		
20	64QAM	50	50	15.90	16.12	16.07		
20	64QAM	100	0	15.94	16.09	16.08		
20	256QAM	1	0	15.95	16.06	15.99	16.7	0
20	256QAM	1	49	15.92	16.07	16.00		
20	256QAM	1	99	16.02	16.07	15.98		
20	256QAM	50	0	15.97	16.04	15.92	16.7	0
20	256QAM	50	24	15.86	16.02	16.02		
20	256QAM	50	50	15.91	15.98	16.00		
20	256QAM	100	0	15.97	15.93	15.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.95	16.09	16.00	16.7	0
15	QPSK	1	37	15.94	16.06	15.90		
15	QPSK	1	74	15.96	15.95	15.83		
15	QPSK	36	0	15.79	15.96	15.76	16.7	0
15	QPSK	36	20	15.86	15.90	15.83		
15	QPSK	36	39	15.75	15.83	15.81		
15	QPSK	75	0	15.61	15.86	15.63		
15	16QAM	1	0	15.66	15.84	15.90	16.7	0
15	16QAM	1	37	15.71	15.83	15.79		
15	16QAM	1	74	15.73	15.68	15.82		
15	16QAM	36	0	15.87	15.81	15.84	16.7	0
15	16QAM	36	20	15.95	15.80	15.96		
15	16QAM	36	39	15.91	15.86	15.90		
15	16QAM	75	0	15.75	15.89	15.84		
15	64QAM	1	0	15.77	15.76	15.85	16.7	0
15	64QAM	1	37	15.79	15.90	15.97		
15	64QAM	1	74	15.84	15.99	15.95		
15	64QAM	36	0	15.90	15.85	15.82	16.7	0
15	64QAM	36	20	15.79	15.92	15.84		
15	64QAM	36	39	15.72	15.92	15.92		
15	64QAM	75	0	15.85	15.92	15.96		
15	256QAM	1	0	15.78	15.90	15.90	16.7	0
15	256QAM	1	37	15.77	16.03	15.90		
15	256QAM	1	74	15.85	15.91	15.88		
15	256QAM	36	0	15.90	15.90	15.90	16.7	0
15	256QAM	36	20	15.84	15.88	15.96		
15	256QAM	36	39	15.85	15.91	15.97		
15	256QAM	75	0	15.86	15.90	15.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.95	16.12	15.90	16.7	0
10	QPSK	1	25	15.93	15.97	15.90		
10	QPSK	1	49	15.96	15.94	15.92		
10	QPSK	25	0	15.74	15.90	15.79	16.7	0
10	QPSK	25	12	15.84	15.86	15.80		
10	QPSK	25	25	15.84	15.84	15.79		
10	QPSK	50	0	15.66	15.79	15.58		
10	16QAM	1	0	15.78	15.83	15.79	16.7	0
10	16QAM	1	25	15.83	15.69	15.83		
10	16QAM	1	49	15.70	15.77	15.73		
10	16QAM	25	0	15.86	15.80	15.88	16.7	0
10	16QAM	25	12	15.91	15.77	15.93		
10	16QAM	25	25	15.87	15.91	15.81		
10	16QAM	50	0	15.74	15.97	15.83		
10	64QAM	1	0	15.81	15.89	15.95	16.7	0
10	64QAM	1	25	15.80	15.76	15.92		
10	64QAM	1	49	15.88	16.02	15.85		
10	64QAM	25	0	15.93	15.89	15.77	16.7	0
10	64QAM	25	12	15.89	15.92	15.73		
10	64QAM	25	25	15.87	15.93	15.90		
10	64QAM	50	0	15.94	15.98	15.86		
10	256QAM	1	0	15.82	15.96	15.78	16.7	0
10	256QAM	1	25	15.79	15.97	15.84		
10	256QAM	1	49	15.98	15.97	15.83		
10	256QAM	25	0	15.91	15.92	15.91	16.7	0
10	256QAM	25	12	15.83	15.88	15.88		
10	256QAM	25	25	15.90	15.88	15.91		
10	256QAM	50	0	15.75	15.91	15.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.86	16.02	15.92	16.7	0
5	QPSK	1	12	15.97	15.99	15.94		
5	QPSK	1	24	15.92	16.02	15.83		
5	QPSK	12	0	15.81	15.95	15.86	16.7	0
5	QPSK	12	7	15.79	15.83	15.77		
5	QPSK	12	13	15.73	15.83	15.81		
5	QPSK	25	0	15.62	15.73	15.69		
5	16QAM	1	0	15.72	15.84	15.88	16.7	0
5	16QAM	1	12	15.76	15.82	15.78		
5	16QAM	1	24	15.71	15.78	15.73		
5	16QAM	12	0	15.92	15.77	15.79	16.7	0
5	16QAM	12	7	15.92	15.89	15.99		
5	16QAM	12	13	15.93	15.84	15.85		
5	16QAM	25	0	15.72	15.97	15.94	16.7	0
5	64QAM	1	0	15.77	15.91	15.96		
5	64QAM	1	12	15.82	15.77	15.92		
5	64QAM	1	24	15.82	16.05	15.81		
5	64QAM	12	0	15.83	15.86	15.88	16.7	0
5	64QAM	12	7	15.74	15.82	15.78		
5	64QAM	12	13	15.79	15.89	15.95		
5	64QAM	25	0	15.79	15.85	15.96		
5	256QAM	1	0	15.80	15.98	15.87	16.7	0
5	256QAM	1	12	15.72	15.96	15.86		
5	256QAM	1	24	15.92	15.94	15.95		
5	256QAM	12	0	15.78	16.04	15.85	16.7	0
5	256QAM	12	7	15.68	15.88	15.94		
5	256QAM	12	13	15.80	15.91	15.92		
5	256QAM	25	0	15.76	15.85	15.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.59	16.82	16.73	16.71	17.5	0
20	QPSK	1	49	16.78	16.81	16.73	16.69		
20	QPSK	1	99	16.57	16.65	16.61	16.65		
20	QPSK	50	0	16.53	16.75	16.56	16.64	17.5	0
20	QPSK	50	24	16.62	16.55	16.57	16.58		
20	QPSK	50	50	16.57	16.59	16.50	16.56		
20	QPSK	100	0	16.43	16.52	16.41	16.39		
20	16QAM	1	0	16.55	16.59	16.65	16.66	17.5	0
20	16QAM	1	49	16.56	16.41	16.48	16.49		
20	16QAM	1	99	16.47	16.41	16.58	16.51		
20	16QAM	50	0	16.67	16.55	16.60	16.55	17.5	0
20	16QAM	50	24	16.66	16.51	16.65	16.71		
20	16QAM	50	50	16.56	16.55	16.64	16.67		
20	16QAM	100	0	16.55	16.75	16.62	16.68		
20	64QAM	1	0	16.55	16.64	16.59	16.73	17.5	0
20	64QAM	1	49	16.51	16.54	16.70	16.60		
20	64QAM	1	99	16.56	16.73	16.65	16.55		
20	64QAM	50	0	16.59	16.67	16.58	16.54	17.5	0
20	64QAM	50	24	16.58	16.54	16.61	16.52		
20	64QAM	50	50	16.55	16.63	16.65	16.64		
20	64QAM	100	0	16.54	16.59	16.68	16.61		
20	256QAM	1	0	16.53	16.75	16.65	16.52	17.5	0
20	256QAM	1	49	16.45	16.62	16.64	16.63		
20	256QAM	1	99	16.66	16.65	16.55	16.55		
20	256QAM	50	0	16.64	16.62	16.67	16.67	17.5	0
20	256QAM	50	24	16.45	16.57	16.64	16.64		
20	256QAM	50	50	16.58	16.68	16.68	16.67		
20	256QAM	100	0	16.49	16.59	16.58	16.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.51	16.77	16.62	16.57	17.5	0
15	QPSK	1	37	16.59	16.57	16.65	16.65		
15	QPSK	1	74	16.51	16.64	16.55	16.48		
15	QPSK	36	0	16.35	16.54	16.45	16.40	17.5	0
15	QPSK	36	20	16.39	16.51	16.50	16.47		
15	QPSK	36	39	16.39	16.53	16.43	16.40		
15	QPSK	75	0	16.28	16.37	16.34	16.35		
15	16QAM	1	0	16.41	16.44	16.47	16.37	17.5	0
15	16QAM	1	37	16.44	16.34	16.38	16.47		
15	16QAM	1	74	16.39	16.43	16.48	16.38		
15	16QAM	36	0	16.57	16.45	16.41	16.55	17.5	0
15	16QAM	36	20	16.51	16.39	16.57	16.47		
15	16QAM	36	39	16.50	16.48	16.49	16.60		
15	16QAM	75	0	16.35	16.58	16.56	16.37		
15	64QAM	1	0	16.51	16.42	16.52	16.45	17.5	0
15	64QAM	1	37	16.41	16.45	16.62	16.49		
15	64QAM	1	74	16.55	16.60	16.46	16.46		
15	64QAM	36	0	16.55	16.49	16.46	16.57	17.5	0
15	64QAM	36	20	16.42	16.46	16.50	16.37		
15	64QAM	36	39	16.35	16.55	16.66	16.36		
15	64QAM	75	0	16.44	16.52	16.49	16.51		
15	256QAM	1	0	16.52	16.64	16.48	16.45	17.5	0
15	256QAM	1	37	16.43	16.65	16.56	16.46		
15	256QAM	1	74	16.58	16.50	16.55	16.58		
15	256QAM	36	0	16.46	16.55	16.56	16.45	17.5	0
15	256QAM	36	20	16.42	16.54	16.49	16.32		
15	256QAM	36	39	16.38	16.45	16.58	16.45		
15	256QAM	75	0	16.48	16.51	16.54	16.52		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.51	16.73	16.58	16.56	17.5	0
10	QPSK	1	25	16.61	16.62	16.56	16.58		
10	QPSK	1	49	16.61	16.53	16.60	16.57		
10	QPSK	25	0	16.49	16.56	16.43	16.44	17.5	0
10	QPSK	25	12	16.51	16.55	16.48	16.44		
10	QPSK	25	25	16.41	16.50	16.43	16.49		
10	QPSK	50	0	16.31	16.52	16.25	16.28		
10	16QAM	1	0	16.40	16.37	16.46	16.39	17.5	0
10	16QAM	1	25	16.41	16.42	16.44	16.41		
10	16QAM	1	49	16.34	16.44	16.32	16.36		
10	16QAM	25	0	16.45	16.47	16.49	16.56	17.5	0
10	16QAM	25	12	16.53	16.50	16.51	16.53		
10	16QAM	25	25	16.48	16.53	16.44	16.47		
10	16QAM	50	0	16.33	16.56	16.60	16.47		
10	64QAM	1	0	16.46	16.42	16.58	16.46	17.5	0
10	64QAM	1	25	16.47	16.40	16.53	16.51		
10	64QAM	1	49	16.54	16.60	16.55	16.56		
10	64QAM	25	0	16.54	16.54	16.40	16.44	17.5	0
10	64QAM	25	12	16.37	16.43	16.40	16.50		
10	64QAM	25	25	16.38	16.60	16.62	16.42		
10	64QAM	50	0	16.43	16.49	16.56	16.50		
10	256QAM	1	0	16.49	16.62	16.51	16.42	17.5	0
10	256QAM	1	25	16.31	16.62	16.42	16.40		
10	256QAM	1	49	16.56	16.54	16.46	16.50		
10	256QAM	25	0	16.42	16.63	16.50	16.53	17.5	0
10	256QAM	25	12	16.43	16.48	16.52	16.42		
10	256QAM	25	25	16.40	16.52	16.51	16.40		
10	256QAM	50	0	16.44	16.54	16.60	16.42		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.55	16.71	16.65	16.66	17.5	0
5	QPSK	1	12	16.58	16.58	16.67	16.55		
5	QPSK	1	24	16.47	16.53	16.49	16.48		
5	QPSK	12	0	16.37	16.68	16.43	16.40	17.5	0
5	QPSK	12	7	16.43	16.41	16.36	16.40		
5	QPSK	12	13	16.50	16.46	16.47	16.38		
5	QPSK	25	0	16.29	16.43	16.21	16.34		
5	16QAM	1	0	16.32	16.44	16.54	16.54	17.5	0
5	16QAM	1	12	16.46	16.33	16.47	16.49		
5	16QAM	1	24	16.32	16.39	16.46	16.47		
5	16QAM	12	0	16.47	16.39	16.40	16.49	17.5	0
5	16QAM	12	7	16.49	16.54	16.64	16.53		
5	16QAM	12	13	16.47	16.45	16.60	16.46		
5	16QAM	25	0	16.41	16.64	16.55	16.58	17.5	0
5	64QAM	1	0	16.45	16.45	16.53	16.55		
5	64QAM	1	12	16.41	16.54	16.57	16.60		
5	64QAM	1	24	16.54	16.59	16.47	16.49		
5	64QAM	12	0	16.59	16.54	16.51	16.42	17.5	0
5	64QAM	12	7	16.48	16.57	16.41	16.38		
5	64QAM	12	13	16.36	16.59	16.57	16.56		
5	64QAM	25	0	16.53	16.48	16.53	16.61		
5	256QAM	1	0	16.48	16.53	16.40	16.50	17.5	0
5	256QAM	1	12	16.43	16.68	16.51	16.53		
5	256QAM	1	24	16.53	16.45	16.45	16.49		
5	256QAM	12	0	16.51	16.60	16.50	16.55	17.5	0
5	256QAM	12	7	16.31	16.59	16.53	16.49		
5	256QAM	12	13	16.39	16.52	16.58	16.57		
5	256QAM	25	0	16.52	16.58	16.55	16.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.73	20.85	20.80	22	0
20	QPSK	1	49	20.81	20.73	20.82		
20	QPSK	1	99	20.77	20.77	20.67		
20	QPSK	50	0	20.64	20.79	20.60	22	0
20	QPSK	50	24	20.54	20.63	20.59		
20	QPSK	50	50	20.64	20.60	20.60		
20	QPSK	100	0	20.44	20.63	20.39		
20	16QAM	1	0	20.50	20.64	20.59	22	0
20	16QAM	1	49	20.47	20.47	20.61		
20	16QAM	1	99	20.58	20.49	20.55		
20	16QAM	50	0	20.72	20.61	20.52	22	0
20	16QAM	50	24	20.63	20.68	20.71		
20	16QAM	50	50	20.74	20.63	20.61		
20	16QAM	100	0	20.56	20.70	20.71		
20	64QAM	1	0	20.58	20.67	20.67	22	0
20	64QAM	1	49	20.55	20.66	20.76		
20	64QAM	1	99	20.71	20.68	20.75		
20	64QAM	50	0	20.63	20.72	20.60	22	0
20	64QAM	50	24	20.58	20.62	20.56		
20	64QAM	50	50	20.58	20.70	20.76		
x	64QAM	100	0	20.59	20.74	20.67		
20	256QAM	1	0	19.07	19.27	19.05	20.5	1.5
20	256QAM	1	49	18.98	19.14	19.02		
20	256QAM	1	99	18.97	18.95	18.89		
20	256QAM	50	0	19.17	19.18	19.13	20.5	1.5
20	256QAM	50	24	19.20	19.11	19.05		
20	256QAM	50	50	19.13	19.28	19.03		
20	256QAM	100	0	19.20	19.31	19.12		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.61	20.68	20.64	22	0
15	QPSK	1	37	20.67	20.67	20.58		
15	QPSK	1	74	20.55	20.67	20.50		
15	QPSK	36	0	20.49	20.72	20.47	22	0
15	QPSK	36	20	20.43	20.53	20.43		
15	QPSK	36	39	20.45	20.54	20.50		
15	QPSK	75	0	20.41	20.42	20.34		
15	16QAM	1	0	20.47	20.54	20.60	22	0
15	16QAM	1	37	20.39	20.44	20.52		
15	16QAM	1	74	20.44	20.47	20.46		
15	16QAM	36	0	20.51	20.42	20.49	22	0
15	16QAM	36	20	20.55	20.53	20.62		
15	16QAM	36	39	20.59	20.45	20.65		
15	16QAM	75	0	20.48	20.70	20.55		
15	64QAM	1	0	20.59	20.52	20.53	22	0
15	64QAM	1	37	20.52	20.56	20.65		
15	64QAM	1	74	20.57	20.64	20.53		
15	64QAM	36	0	20.59	20.64	20.57	22	0
15	64QAM	36	20	20.52	20.53	20.51		
15	64QAM	36	39	20.49	20.61	20.62		
15	64QAM	75	0	20.57	20.61	20.58		
15	256QAM	1	0	19.01	19.13	18.94	20.5	1.5
15	256QAM	1	37	18.90	19.12	18.90		
15	256QAM	1	74	18.88	18.84	18.83		
15	256QAM	36	0	19.02	19.10	19.10	20.5	1.5
15	256QAM	36	20	19.13	19.05	18.88		
15	256QAM	36	39	19.10	19.21	18.98		
15	256QAM	75	0	19.09	19.26	18.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.54	20.71	20.58	22	0
10	QPSK	1	25	20.69	20.74	20.59		
10	QPSK	1	49	20.57	20.64	20.54		
10	QPSK	25	0	20.49	20.61	20.60	22	0
10	QPSK	25	12	20.54	20.50	20.43		
10	QPSK	25	25	20.53	20.57	20.44		
10	QPSK	50	0	20.26	20.48	20.35		
10	16QAM	1	0	20.35	20.44	20.57	22	0
10	16QAM	1	25	20.45	20.36	20.52		
10	16QAM	1	49	20.36	20.35	20.42		
10	16QAM	25	0	20.51	20.50	20.41	22	0
10	16QAM	25	12	20.56	20.49	20.65		
10	16QAM	25	25	20.52	20.45	20.58		
10	16QAM	50	0	20.45	20.65	20.52		
10	64QAM	1	0	20.55	20.50	20.61	22	0
10	64QAM	1	25	20.45	20.50	20.59		
10	64QAM	1	49	20.53	20.73	20.50		
10	64QAM	25	0	20.55	20.61	20.53	22	0
10	64QAM	25	12	20.53	20.56	20.55		
10	64QAM	25	25	20.50	20.59	20.72		
10	64QAM	50	0	20.50	20.55	20.66		
10	256QAM	1	0	19.01	19.17	18.93	20.5	1.5
10	256QAM	1	25	18.83	18.98	18.90		
10	256QAM	1	49	18.93	18.92	18.71		
10	256QAM	25	0	19.13	19.12	18.99	20.5	1.5
10	256QAM	25	12	19.04	18.94	18.99		
10	256QAM	25	25	19.09	19.14	18.86		
10	256QAM	50	0	19.14	19.22	19.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.65	20.80	20.64	22	0
5	QPSK	1	12	20.71	20.64	20.61		
5	QPSK	1	24	20.64	20.61	20.63		
5	QPSK	12	0	20.40	20.69	20.55	22	0
5	QPSK	12	7	20.49	20.57	20.43		
5	QPSK	12	13	20.44	20.55	20.47		
5	QPSK	25	0	20.26	20.54	20.31		
5	16QAM	1	0	20.35	20.42	20.50	22	0
5	16QAM	1	12	20.42	20.50	20.53		
5	16QAM	1	24	20.45	20.43	20.53		
5	16QAM	12	0	20.59	20.49	20.46	22	0
5	16QAM	12	7	20.57	20.52	20.61		
5	16QAM	12	13	20.52	20.51	20.60		
5	16QAM	25	0	20.46	20.68	20.64		
5	64QAM	1	0	20.46	20.60	20.53	22	0
5	64QAM	1	12	20.46	20.48	20.54		
5	64QAM	1	24	20.59	20.63	20.63		
5	64QAM	12	0	20.64	20.53	20.55	22	0
5	64QAM	12	7	20.45	20.56	20.51		
5	64QAM	12	13	20.44	20.57	20.69		
5	64QAM	25	0	20.62	20.66	20.61		
5	256QAM	1	0	19.00	19.16	19.03	20.5	1.5
5	256QAM	1	12	18.86	18.99	18.84		
5	256QAM	1	24	18.93	18.80	18.81		
5	256QAM	12	0	19.12	19.15	19.09	20.5	1.5
5	256QAM	12	7	19.05	19.07	19.01		
5	256QAM	12	13	18.99	19.16	18.95		
5	256QAM	25	0	19.16	19.29	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.69	18.83	18.78	18.71	20	0
20	QPSK	1	49	18.66	18.71	18.70	18.65		
20	QPSK	1	99	18.60	18.65	18.69	18.59		
20	QPSK	50	0	18.56	18.79	18.57	18.47	20	0
20	QPSK	50	24	18.51	18.65	18.53	18.53		
20	QPSK	50	50	18.54	18.53	18.45	18.50		
20	QPSK	100	0	18.45	18.51	18.43	18.35		
20	16QAM	1	0	18.55	18.57	18.67	18.44	20	0
20	16QAM	1	49	18.48	18.51	18.52	18.54		
20	16QAM	1	99	18.45	18.43	18.46	18.43		
20	16QAM	50	0	18.64	18.60	18.50	18.58	20	0
20	16QAM	50	24	18.67	18.49	18.60	18.63		
20	16QAM	50	50	18.57	18.66	18.62	18.71		
20	16QAM	100	0	18.50	18.75	18.67	18.60		
20	64QAM	1	0	18.64	18.66	18.67	18.63	20	0
20	64QAM	1	49	18.56	18.49	18.58	18.53		
20	64QAM	1	99	18.62	18.65	18.61	18.63		
20	64QAM	50	0	18.67	18.59	18.62	18.58	20	0
20	64QAM	50	24	18.47	18.68	18.52	18.51		
20	64QAM	50	50	18.45	18.75	18.69	18.50		
20	64QAM	100	0	18.55	18.73	18.69	18.61		
20	256QAM	1	0	17.50	17.74	17.38	17.48	19	1
20	256QAM	1	49	17.51	17.57	17.48	17.51		
20	256QAM	1	99	17.36	17.51	17.40	17.39		
20	256QAM	50	0	17.56	17.69	17.63	17.56	19	1
20	256QAM	50	24	17.65	17.56	17.52	17.48		
20	256QAM	50	50	17.62	17.71	17.53	17.54		
20	256QAM	100	0	17.70	17.65	17.61	17.61		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.58	18.78	18.57	18.59	20	0
15	QPSK	1	37	18.61	18.70	18.60	18.65		
15	QPSK	1	74	18.50	18.63	18.50	18.63		
15	QPSK	36	0	18.38	18.66	18.56	18.47	20	0
15	QPSK	36	20	18.49	18.51	18.36	18.45		
15	QPSK	36	39	18.50	18.48	18.35	18.49		
15	QPSK	75	0	18.33	18.46	18.28	18.26		
15	16QAM	1	0	18.37	18.45	18.54	18.41	20	0
15	16QAM	1	37	18.49	18.36	18.43	18.33		
15	16QAM	1	74	18.42	18.35	18.44	18.34		
15	16QAM	36	0	18.52	18.50	18.41	18.46	20	0
15	16QAM	36	20	18.45	18.50	18.51	18.54		
15	16QAM	36	39	18.46	18.45	18.55	18.47		
15	16QAM	75	0	18.48	18.52	18.59	18.44		
15	64QAM	1	0	18.53	18.51	18.49	18.43	20	0
15	64QAM	1	37	18.49	18.40	18.61	18.45		
15	64QAM	1	74	18.44	18.70	18.53	18.50		
15	64QAM	36	0	18.45	18.58	18.49	18.55	20	0
15	64QAM	36	20	18.49	18.50	18.50	18.45		
15	64QAM	36	39	18.46	18.61	18.68	18.40		
15	64QAM	75	0	18.49	18.50	18.50	18.50		
15	256QAM	1	0	17.42	17.59	17.35	17.38	19	1
15	256QAM	1	37	17.40	17.54	17.34	17.40		
15	256QAM	1	74	17.24	17.36	17.23	17.33		
15	256QAM	36	0	17.48	17.64	17.58	17.51	19	1
15	256QAM	36	20	17.52	17.40	17.40	17.30		
15	256QAM	36	39	17.48	17.67	17.41	17.51		
15	256QAM	75	0	17.52	17.49	17.45	17.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.61	18.78	18.59	18.65	20	0
10	QPSK	1	25	18.62	18.62	18.67	18.58		
10	QPSK	1	49	18.52	18.56	18.52	18.53		
10	QPSK	25	0	18.38	18.67	18.49	18.46	20	0
10	QPSK	25	12	18.50	18.51	18.51	18.42		
10	QPSK	25	25	18.40	18.43	18.36	18.45		
10	QPSK	50	0	18.27	18.38	18.29	18.33		
10	16QAM	1	0	18.41	18.51	18.48	18.51	20	0
10	16QAM	1	25	18.45	18.39	18.46	18.41		
10	16QAM	1	49	18.36	18.35	18.45	18.49		
10	16QAM	25	0	18.42	18.43	18.52	18.51	20	0
10	16QAM	25	12	18.47	18.52	18.62	18.53		
10	16QAM	25	25	18.60	18.55	18.58	18.60		
10	16QAM	50	0	18.43	18.68	18.49	18.59		
10	64QAM	1	0	18.51	18.41	18.51	18.64	20	0
10	64QAM	1	25	18.51	18.45	18.52	18.47		
10	64QAM	1	49	18.52	18.66	18.58	18.47		
10	64QAM	25	0	18.51	18.61	18.50	18.46	20	0
10	64QAM	25	12	18.48	18.54	18.49	18.40		
10	64QAM	25	25	18.48	18.60	18.58	18.59		
10	64QAM	50	0	18.48	18.55	18.64	18.64		
10	256QAM	1	0	17.34	17.56	17.22	17.39	19	1
10	256QAM	1	25	17.37	17.47	17.31	17.46		
10	256QAM	1	49	17.27	17.33	17.36	17.27		
10	256QAM	25	0	17.54	17.55	17.60	17.50	19	1
10	256QAM	25	12	17.50	17.39	17.42	17.35		
10	256QAM	25	25	17.55	17.65	17.46	17.52		
10	256QAM	50	0	17.54	17.56	17.47	17.53		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.64	18.74	18.59	18.57	20	0
5	QPSK	1	12	18.69	18.71	18.53	18.62		
5	QPSK	1	24	18.55	18.51	18.56	18.50		
5	QPSK	12	0	18.40	18.63	18.44	18.40	20	0
5	QPSK	12	7	18.51	18.55	18.42	18.41		
5	QPSK	12	13	18.41	18.52	18.45	18.40		
5	QPSK	25	0	18.24	18.50	18.27	18.28		
5	16QAM	1	0	18.45	18.41	18.53	18.49	20	0
5	16QAM	1	12	18.36	18.33	18.48	18.49		
5	16QAM	1	24	18.41	18.41	18.34	18.43		
5	16QAM	12	0	18.46	18.41	18.42	18.41	20	0
5	16QAM	12	7	18.58	18.55	18.61	18.54		
5	16QAM	12	13	18.46	18.51	18.58	18.45		
5	16QAM	25	0	18.41	18.60	18.56	18.62		
5	64QAM	1	0	18.42	18.51	18.54	18.57	20	0
5	64QAM	1	12	18.47	18.49	18.60	18.61		
5	64QAM	1	24	18.57	18.66	18.47	18.49		
5	64QAM	12	0	18.53	18.63	18.56	18.41	20	0
5	64QAM	12	7	18.37	18.46	18.40	18.52		
5	64QAM	12	13	18.43	18.62	18.63	18.61		
5	64QAM	25	0	18.45	18.60	18.57	18.53		
5	256QAM	1	0	17.40	17.65	17.23	17.37	19	1
5	256QAM	1	12	17.44	17.42	17.32	17.42		
5	256QAM	1	24	17.29	17.40	17.27	17.26		
5	256QAM	12	0	17.41	17.56	17.56	17.50	19	1
5	256QAM	12	7	17.60	17.52	17.45	17.41		
5	256QAM	12	13	17.47	17.63	17.37	17.46		
5	256QAM	25	0	17.67	17.55	17.56	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.23	18.34	18.13	19.5	0
20	QPSK	1	49	18.19	18.28	18.16		
20	QPSK	1	99	18.12	18.25	18.17		
20	QPSK	50	0	18.24	18.27	18.15	19.5	0
20	QPSK	50	24	18.02	18.07	17.99		
20	QPSK	50	50	18.10	18.05	18.06		
20	QPSK	100	0	18.07	18.19	18.16		
20	16QAM	1	0	18.03	18.08	18.13	19.5	0
20	16QAM	1	49	17.93	18.05	18.09		
20	16QAM	1	99	17.93	18.00	18.00		
20	16QAM	50	0	18.08	18.02	18.04	19.5	0
20	16QAM	50	24	18.10	18.09	18.16		
20	16QAM	50	50	18.14	18.10	18.11		
20	16QAM	100	0	18.05	18.18	18.18		
20	64QAM	1	0	18.07	18.01	18.16	19.5	0
20	64QAM	1	49	18.05	18.12	18.13		
20	64QAM	1	99	18.04	18.22	18.07		
20	64QAM	50	0	18.11	18.12	18.06	19.5	0
20	64QAM	50	24	18.04	18.11	18.09		
20	64QAM	50	50	18.03	18.25	18.19		
20	64QAM	100	0	18.13	18.06	18.15		
20	256QAM	1	0	18.12	18.12	18.03	19.5	0
20	256QAM	1	49	18.02	18.31	18.11		
20	256QAM	1	99	18.10	18.09	18.10		
20	256QAM	50	0	18.13	18.19	18.12	19.5	0
20	256QAM	50	24	18.03	18.21	18.13		
20	256QAM	50	50	18.04	18.07	18.20		
20	256QAM	100	0	18.01	18.05	18.05		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.09	18.25	18.12	19.5	0
15	QPSK	1	37	18.13	18.07	18.17		
15	QPSK	1	74	18.03	18.01	17.96		
15	QPSK	36	0	17.91	18.08	17.92	19.5	0
15	QPSK	36	20	18.00	18.02	17.97		
15	QPSK	36	39	17.94	17.99	17.88		
15	QPSK	75	0	17.73	17.91	17.81	19.5	0
15	16QAM	1	0	17.88	17.98	18.03		
15	16QAM	1	37	17.88	17.89	17.99		
15	16QAM	1	74	17.93	17.90	17.91		
15	16QAM	36	0	17.99	17.91	18.00	19.5	0
15	16QAM	36	20	18.07	18.03	18.15		
15	16QAM	36	39	18.02	17.94	18.00		
15	16QAM	75	0	17.91	18.02	17.96		
15	64QAM	1	0	18.00	18.01	18.07	19.5	0
15	64QAM	1	37	17.93	17.95	17.97		
15	64QAM	1	74	18.07	18.06	17.98		
15	64QAM	36	0	18.06	18.12	18.01	19.5	0
15	64QAM	36	20	17.97	17.99	18.00		
15	64QAM	36	39	17.85	18.09	18.05		
15	64QAM	75	0	18.01	18.04	18.05		
15	256QAM	1	0	17.98	18.16	17.98	19.5	0
15	256QAM	1	37	17.83	18.15	17.94		
15	256QAM	1	74	18.04	17.96	18.00		
15	256QAM	36	0	17.96	18.10	18.00	19.5	0
15	256QAM	36	20	17.96	17.97	18.00		
15	256QAM	36	39	18.02	18.05	18.07		
15	256QAM	75	0	17.90	17.98	18.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.13	18.22	18.11	19.5	0
10	QPSK	1	25	18.05	18.10	18.03		
10	QPSK	1	49	18.06	18.00	18.10		
10	QPSK	25	0	17.98	18.04	17.98	19.5	0
10	QPSK	25	12	17.90	17.97	17.89		
10	QPSK	25	25	17.94	17.95	17.94		
10	QPSK	50	0	17.78	17.99	17.76		
10	16QAM	1	0	17.89	17.87	17.92	19.5	0
10	16QAM	1	25	17.91	17.93	17.88		
10	16QAM	1	49	17.86	17.82	17.97		
10	16QAM	25	0	18.03	17.95	17.86	19.5	0
10	16QAM	25	12	18.06	17.96	18.04		
10	16QAM	25	25	18.10	17.90	18.03		
10	16QAM	50	0	17.95	18.02	18.08		
10	64QAM	1	0	17.90	17.93	18.10	19.5	0
10	64QAM	1	25	17.89	17.95	18.05		
10	64QAM	1	49	17.93	18.14	18.05		
10	64QAM	25	0	18.02	18.03	17.93	19.5	0
10	64QAM	25	12	17.89	18.07	17.91		
10	64QAM	25	25	17.89	18.11	18.12		
10	64QAM	50	0	18.05	18.11	18.05		
10	256QAM	1	0	17.98	18.04	17.99	19.5	0
10	256QAM	1	25	17.96	18.20	18.06		
10	256QAM	1	49	17.98	18.07	17.95		
10	256QAM	25	0	17.94	18.16	17.93	19.5	0
10	256QAM	25	12	17.92	18.08	17.94		
10	256QAM	25	25	17.98	18.03	18.02		
10	256QAM	50	0	17.93	17.97	18.00		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.02	18.20	18.09	19.5	0
5	QPSK	1	12	18.05	18.13	18.04		
5	QPSK	1	24	18.13	18.16	18.07		
5	QPSK	12	0	17.97	18.14	18.00	19.5	0
5	QPSK	12	7	17.91	17.90	17.90		
5	QPSK	12	13	17.88	17.93	17.83		
5	QPSK	25	0	17.83	18.01	17.83	19.5	0
5	16QAM	1	0	17.81	17.88	17.95		
5	16QAM	1	12	17.94	17.85	17.94		
5	16QAM	1	24	17.87	17.86	17.95		
5	16QAM	12	0	18.01	17.86	17.90	19.5	0
5	16QAM	12	7	17.99	17.88	18.12		
5	16QAM	12	13	18.01	17.96	17.99		
5	16QAM	25	0	17.95	18.14	18.06	19.5	0
5	64QAM	1	0	18.03	17.91	18.04		
5	64QAM	1	12	17.89	18.02	18.10		
5	64QAM	1	24	17.93	18.06	17.95		
5	64QAM	12	0	17.99	18.08	17.94	19.5	0
5	64QAM	12	7	18.01	18.05	17.91		
5	64QAM	12	13	17.91	18.02	18.06		
5	64QAM	25	0	18.08	18.12	17.99	19.5	0
5	256QAM	1	0	18.04	18.17	17.96		
5	256QAM	1	12	17.96	18.11	18.04		
5	256QAM	1	24	18.10	18.10	17.94		
5	256QAM	12	0	17.99	18.12	18.03	19.5	0
5	256QAM	12	7	17.94	18.03	18.04		
5	256QAM	12	13	17.99	17.93	18.02		
5	256QAM	25	0	17.92	17.96	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.74	18.85	18.76	18.72	20	0
20	QPSK	1	49	18.78	18.79	18.72	18.73		
20	QPSK	1	99	18.72	18.81	18.70	18.75		
20	QPSK	50	0	18.53	18.74	18.60	18.68	20	0
20	QPSK	50	24	18.58	18.59	18.60	18.53		
20	QPSK	50	50	18.56	18.67	18.60	18.48		
20	QPSK	100	0	18.49	18.62	18.35	18.42		
20	16QAM	1	0	18.46	18.60	18.66	18.67	20	0
20	16QAM	1	49	18.55	18.50	18.69	18.55		
20	16QAM	1	99	18.46	18.51	18.58	18.62		
20	16QAM	50	0	18.59	18.63	18.57	18.61	20	0
20	16QAM	50	24	18.61	18.59	18.71	18.69		
20	16QAM	50	50	18.64	18.68	18.63	18.66		
20	16QAM	100	0	18.51	18.80	18.72	18.67		
20	64QAM	1	0	18.66	18.62	18.76	18.73	20	0
20	64QAM	1	49	18.61	18.55	18.63	18.74		
20	64QAM	1	99	18.58	18.69	18.66	18.62		
20	64QAM	50	0	18.69	18.79	18.66	18.58	20	0
20	64QAM	50	24	18.63	18.74	18.61	18.56		
20	64QAM	50	50	18.57	18.69	18.79	18.74		
20	64QAM	100	0	18.63	18.70	18.66	18.77		
20	256QAM	1	0	17.07	17.20	16.96	16.97	18.5	1.5
20	256QAM	1	49	17.00	17.14	17.04	17.07		
20	256QAM	1	99	16.95	16.99	16.95	16.89		
20	256QAM	50	0	17.18	17.18	17.16	17.13	18.5	1.5
20	256QAM	50	24	17.13	17.15	17.11	17.11		
20	256QAM	50	50	17.12	17.26	17.10	17.00		
20	256QAM	100	0	17.22	17.27	17.11	17.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.54	18.79	18.61	18.66	20	0
15	QPSK	1	37	18.70	18.76	18.66	18.67		
15	QPSK	1	74	18.64	18.63	18.63	18.57		
15	QPSK	36	0	18.53	18.65	18.47	18.57	20	0
15	QPSK	36	20	18.45	18.47	18.48	18.51		
15	QPSK	36	39	18.43	18.49	18.50	18.51		
15	QPSK	75	0	18.40	18.56	18.27	18.27	20	0
15	16QAM	1	0	18.48	18.50	18.59	18.58		
15	16QAM	1	37	18.48	18.44	18.48	18.53		
15	16QAM	1	74	18.46	18.47	18.52	18.51		
15	16QAM	36	0	18.53	18.54	18.56	18.53	20	0
15	16QAM	36	20	18.59	18.60	18.58	18.68		
15	16QAM	36	39	18.60	18.48	18.60	18.58		
15	16QAM	75	0	18.47	18.65	18.57	18.63	20	0
15	64QAM	1	0	18.52	18.57	18.61	18.56		
15	64QAM	1	37	18.53	18.46	18.64	18.53		
15	64QAM	1	74	18.48	18.65	18.51	18.64		
15	64QAM	36	0	18.64	18.66	18.55	18.52	20	0
15	64QAM	36	20	18.55	18.61	18.44	18.52		
15	64QAM	36	39	18.42	18.69	18.61	18.63		
15	64QAM	75	0	18.53	18.64	18.64	18.61	20	0
15	256QAM	1	0	16.96	17.17	16.85	16.83	18.5	1.5
15	256QAM	1	37	16.97	16.99	16.96	17.01		
15	256QAM	1	74	16.80	16.91	16.89	16.72		
15	256QAM	36	0	17.07	17.09	17.04	17.05	18.5	1.5
15	256QAM	36	20	17.05	17.08	17.09	16.97		
15	256QAM	36	39	16.98	17.08	17.06	16.89		
15	256QAM	75	0	17.20	17.20	16.96	17.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.62	18.75	18.72	18.74	20	0
10	QPSK	1	25	18.59	18.71	18.59	18.63		
10	QPSK	1	49	18.54	18.60	18.55	18.56		
10	QPSK	25	0	18.56	18.59	18.57	18.54	20	0
10	QPSK	25	12	18.54	18.55	18.44	18.55		
10	QPSK	25	25	18.42	18.55	18.46	18.41		
10	QPSK	50	0	18.26	18.44	18.34	18.39	20	0
10	16QAM	1	0	18.39	18.56	18.53	18.60		
10	16QAM	1	25	18.53	18.42	18.53	18.55		
10	16QAM	1	49	18.43	18.37	18.39	18.38		
10	16QAM	25	0	18.55	18.44	18.44	18.45	20	0
10	16QAM	25	12	18.52	18.46	18.61	18.59		
10	16QAM	25	25	18.60	18.47	18.62	18.57		
10	16QAM	50	0	18.40	18.71	18.56	18.65	20	0
10	64QAM	1	0	18.58	18.47	18.66	18.61		
10	64QAM	1	25	18.56	18.50	18.64	18.56		
10	64QAM	1	49	18.53	18.73	18.54	18.52		
10	64QAM	25	0	18.61	18.54	18.49	18.55	20	0
10	64QAM	25	12	18.56	18.60	18.44	18.51		
10	64QAM	25	25	18.55	18.68	18.62	18.64		
10	64QAM	50	0	18.57	18.64	18.67	18.55	20	0
10	256QAM	1	0	16.98	17.10	16.82	16.91	18.5	1.5
10	256QAM	1	25	16.88	16.99	16.88	16.94		
10	256QAM	1	49	16.77	16.95	16.78	16.80		
10	256QAM	25	0	17.10	17.13	16.98	17.10	18.5	1.5
10	256QAM	25	12	17.03	17.08	17.03	17.04		
10	256QAM	25	25	16.99	17.12	17.06	16.97		
10	256QAM	50	0	17.10	17.21	16.96	17.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.68	18.83	18.66	18.62	20	0
5	QPSK	1	12	18.67	18.70	18.58	18.63		
5	QPSK	1	24	18.66	18.56	18.66	18.67		
5	QPSK	12	0	18.41	18.62	18.60	18.50	20	0
5	QPSK	12	7	18.48	18.48	18.48	18.52		
5	QPSK	12	13	18.43	18.46	18.46	18.53		
5	QPSK	25	0	18.27	18.56	18.27	18.30	20	0
5	16QAM	1	0	18.44	18.44	18.61	18.36		
5	16QAM	1	12	18.42	18.49	18.54	18.44		
5	16QAM	1	24	18.35	18.34	18.49	18.49		
5	16QAM	12	0	18.49	18.54	18.48	18.48	20	0
5	16QAM	12	7	18.61	18.57	18.56	18.56		
5	16QAM	12	13	18.53	18.58	18.54	18.52		
5	16QAM	25	0	18.53	18.65	18.64	18.53	20	0
5	64QAM	1	0	18.57	18.51	18.65	18.46		
5	64QAM	1	12	18.50	18.46	18.58	18.45		
5	64QAM	1	24	18.53	18.73	18.54	18.57		
5	64QAM	12	0	18.56	18.57	18.49	18.59	20	0
5	64QAM	12	7	18.53	18.62	18.48	18.52		
5	64QAM	12	13	18.56	18.71	18.64	18.44		
5	64QAM	25	0	18.48	18.53	18.65	18.51	20	0
5	256QAM	1	0	16.89	17.02	16.79	16.91	18.5	1.5
5	256QAM	1	12	16.90	17.10	16.90	16.95		
5	256QAM	1	24	16.88	16.93	16.80	16.76		
5	256QAM	12	0	17.07	17.15	17.07	16.97	18.5	1.5
5	256QAM	12	7	16.97	17.11	16.94	17.03		
5	256QAM	12	13	16.98	17.15	17.00	16.86		
5	256QAM	25	0	17.15	17.19	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.62	23.67	23.57	25	0
20	QPSK	1	49	23.50	23.58	23.47		
20	QPSK	1	99	23.53	23.46	23.46		
20	QPSK	50	0	22.75	22.87	22.75	24	1
20	QPSK	50	24	22.60	22.63	22.57		
20	QPSK	50	50	22.60	22.69	22.62		
20	QPSK	100	0	22.39	22.51	22.39		
20	16QAM	1	0	22.31	22.49	22.39	24	1
20	16QAM	1	49	22.24	22.20	22.30		
20	16QAM	1	99	22.25	22.44	22.36		
20	16QAM	50	0	21.49	21.53	21.46	23	2
20	16QAM	50	24	21.32	21.39	21.38		
20	16QAM	50	50	21.39	21.55	21.52		
20	16QAM	100	0	21.57	21.83	21.69		
20	64QAM	1	0	21.33	21.49	21.37	23	2
20	64QAM	1	49	21.26	21.53	21.32		
20	64QAM	1	99	21.23	21.59	21.13		
20	64QAM	50	0	20.35	20.62	20.67	22	3
20	64QAM	50	24	20.37	20.56	20.37		
20	64QAM	50	50	20.44	20.53	20.42		
20	64QAM	100	0	20.46	20.71	20.60		
20	256QAM	1	0	18.39	18.55	18.37	20	5
20	256QAM	1	49	18.39	18.45	18.40		
20	256QAM	1	99	18.34	18.35	18.30		
20	256QAM	50	0	18.54	18.52	18.50	20	5
20	256QAM	50	24	18.48	18.46	18.44		
20	256QAM	50	50	18.51	18.62	18.41		
20	256QAM	100	0	18.55	18.56	18.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.46	23.65	23.46	25	0
15	QPSK	1	37	23.46	23.54	23.39		
15	QPSK	1	74	23.42	23.41	23.31		
15	QPSK	36	0	22.63	22.72	22.65	24	1
15	QPSK	36	20	22.55	22.56	22.53		
15	QPSK	36	39	22.44	22.66	22.58		
15	QPSK	75	0	22.26	22.47	22.24		
15	16QAM	1	0	22.28	22.37	22.26	24	1
15	16QAM	1	37	22.11	22.10	22.28		
15	16QAM	1	74	22.15	22.28	22.22		
15	16QAM	36	0	21.35	21.40	21.37	23	2
15	16QAM	36	20	21.14	21.25	21.25		
15	16QAM	36	39	21.23	21.39	21.40		
15	16QAM	75	0	21.52	21.67	21.67		
15	64QAM	1	0	21.24	21.42	21.23	23	2
15	64QAM	1	37	21.23	21.48	21.16		
15	64QAM	1	74	21.15	21.56	21.18		
15	64QAM	36	0	20.29	20.51	20.58	22	3
15	64QAM	36	20	20.27	20.49	20.30		
15	64QAM	36	39	20.39	20.45	20.33		
15	64QAM	75	0	20.32	20.56	20.43		
15	256QAM	1	0	18.27	18.47	18.27	20	5
15	256QAM	1	37	18.33	18.29	18.28		
15	256QAM	1	74	18.28	18.22	18.27		
15	256QAM	36	0	18.38	18.36	18.46	20	5
15	256QAM	36	20	18.43	18.28	18.30		
15	256QAM	36	39	18.46	18.57	18.32		
15	256QAM	75	0	18.52	18.53	18.35		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.53	23.54	23.44	25	0
10	QPSK	1	25	23.44	23.56	23.42		
10	QPSK	1	49	23.51	23.32	23.36		
10	QPSK	25	0	22.64	22.72	22.65	24	1
10	QPSK	25	12	22.45	22.50	22.44		
10	QPSK	25	25	22.54	22.53	22.59		
10	QPSK	50	0	22.25	22.47	22.25		
10	16QAM	1	0	22.28	22.36	22.26	24	1
10	16QAM	1	25	22.13	22.17	22.25		
10	16QAM	1	49	22.10	22.36	22.21		
10	16QAM	25	0	21.47	21.43	21.29	23	2
10	16QAM	25	12	21.20	21.28	21.30		
10	16QAM	25	25	21.28	21.40	21.41		
10	16QAM	50	0	21.46	21.69	21.58		
10	64QAM	1	0	21.18	21.32	21.34	23	2
10	64QAM	1	25	21.24	21.50	21.14		
10	64QAM	1	49	21.20	21.57	21.07		
10	64QAM	25	0	20.32	20.52	20.57	22	3
10	64QAM	25	12	20.32	20.39	20.22		
10	64QAM	25	25	20.30	20.36	20.39		
10	64QAM	50	0	20.29	20.57	20.49		
10	256QAM	1	0	18.28	18.44	18.20	20	5
10	256QAM	1	25	18.33	18.41	18.34		
10	256QAM	1	49	18.25	18.21	18.24		
10	256QAM	25	0	18.49	18.47	18.35	20	5
10	256QAM	25	12	18.33	18.33	18.38		
10	256QAM	25	25	18.34	18.59	18.31		
10	256QAM	50	0	18.49	18.38	18.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.58	23.62	23.54	25	0
5	QPSK	1	12	23.35	23.46	23.37		
5	QPSK	1	24	23.45	23.41	23.43		
5	QPSK	12	0	22.63	22.76	22.68	24	1
5	QPSK	12	7	22.53	22.60	22.43		
5	QPSK	12	13	22.48	22.52	22.56		
5	QPSK	25	0	22.26	22.45	22.25		
5	16QAM	1	0	22.17	22.39	22.37	24	1
5	16QAM	1	12	22.17	22.12	22.22		
5	16QAM	1	24	22.10	22.34	22.29		
5	16QAM	12	0	21.35	21.42	21.38	23	2
5	16QAM	12	7	21.18	21.33	21.29		
5	16QAM	12	13	21.35	21.52	21.37		
5	16QAM	25	0	21.41	21.81	21.52		
5	64QAM	1	0	21.20	21.43	21.29	23	2
5	64QAM	1	12	21.23	21.43	21.18		
5	64QAM	1	24	21.06	21.47	21.06		
5	64QAM	12	0	20.28	20.53	20.58	22	3
5	64QAM	12	7	20.29	20.41	20.29		
5	64QAM	12	13	20.26	20.36	20.34		
5	64QAM	25	0	20.40	20.54	20.47		
5	256QAM	1	0	18.30	18.50	18.31	20	5
5	256QAM	1	12	18.24	18.35	18.32		
5	256QAM	1	24	18.31	18.20	18.19		
5	256QAM	12	0	18.50	18.42	18.46	20	5
5	256QAM	12	7	18.41	18.35	18.30		
5	256QAM	12	13	18.45	18.49	18.27		
5	256QAM	25	0	18.47	18.43	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.18	22.28	22.16	22.12	23.5	0
20	QPSK	1	49	22.09	22.15	22.13	22.09		
20	QPSK	1	99	22.06	22.01	22.04	22.06		
20	QPSK	50	0	21.30	21.49	21.34	21.28	22.5	1
20	QPSK	50	24	21.21	21.31	21.22	21.16		
20	QPSK	50	50	21.12	21.35	21.28	21.27		
20	QPSK	100	0	21.04	21.12	20.97	20.92		
20	16QAM	1	0	20.95	21.06	21.00	20.90	22.5	1
20	16QAM	1	49	20.87	20.88	20.88	20.86		
20	16QAM	1	99	20.83	21.00	20.97	20.92		
20	16QAM	50	0	20.08	20.10	20.08	20.06	21.5	2
20	16QAM	50	24	19.99	20.00	20.03	20.05		
20	16QAM	50	50	19.98	20.09	20.12	20.02		
20	16QAM	100	0	20.15	20.37	20.24	20.26		
20	64QAM	1	0	19.95	20.13	20.00	19.97	21.5	2
20	64QAM	1	49	19.87	20.05	19.88	19.89		
20	64QAM	1	99	19.87	20.14	19.75	19.72		
20	64QAM	50	0	18.97	19.21	19.19	19.26	20.5	3
20	64QAM	50	24	18.91	19.17	19.05	19.02		
20	64QAM	50	50	19.07	19.12	19.10	19.10		
20	64QAM	100	0	19.08	19.29	19.18	19.24		
20	256QAM	1	0	16.99	17.14	16.94	16.88	18.5	5
20	256QAM	1	49	16.93	17.07	16.96	17.00		
20	256QAM	1	99	16.95	16.90	16.91	16.92		
20	256QAM	50	0	17.05	17.08	17.06	17.03	18.5	5
20	256QAM	50	24	17.13	17.06	16.96	17.03		
20	256QAM	50	50	17.09	17.21	16.97	16.95		
20	256QAM	100	0	17.14	17.20	17.05	17.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.06	22.15	22.04	22.09	23.5	0
15	QPSK	1	37	22.03	22.01	22.09	22.05		
15	QPSK	1	74	22.03	21.88	21.98	21.98		
15	QPSK	36	0	21.22	21.41	21.24	21.17	22.5	1
15	QPSK	36	20	21.12	21.26	21.14	21.08		
15	QPSK	36	39	20.96	21.31	21.11	21.24		
15	QPSK	75	0	20.92	20.99	20.87	20.77	22.5	1
15	16QAM	1	0	20.93	20.90	20.86	20.83		
15	16QAM	1	37	20.82	20.73	20.71	20.69		
15	16QAM	1	74	20.70	20.87	20.93	20.80		
15	16QAM	36	0	20.04	19.95	20.05	20.01	21.5	2
15	16QAM	36	20	19.82	19.91	19.85	19.97		
15	16QAM	36	39	19.87	20.00	20.03	19.94		
15	16QAM	75	0	20.09	20.19	20.09	20.09		
15	64QAM	1	0	19.90	19.98	19.92	19.89	21.5	2
15	64QAM	1	37	19.75	20.02	19.84	19.78		
15	64QAM	1	74	19.73	20.00	19.58	19.54		
15	64QAM	36	0	18.87	19.11	19.04	19.08	20.5	3
15	64QAM	36	20	18.80	19.12	18.88	18.87		
15	64QAM	36	39	18.91	18.96	18.97	18.94		
15	64QAM	75	0	19.06	19.23	19.11	19.16		
15	256QAM	1	0	16.94	17.07	16.91	16.76	18.5	5
15	256QAM	1	37	16.85	17.03	16.89	16.93		
15	256QAM	1	74	16.83	16.88	16.88	16.74		
15	256QAM	36	0	16.91	16.95	16.90	16.94	18.5	5
15	256QAM	36	20	16.97	17.01	16.78	17.00		
15	256QAM	36	39	16.95	17.05	16.83	16.85		
15	256QAM	75	0	16.96	17.05	16.91	16.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	22.18	22.04	22.04	23.5	0
10	QPSK	1	25	22.01	22.09	21.97	21.92		
10	QPSK	1	49	21.99	21.97	21.97	22.03		
10	QPSK	25	0	21.21	21.42	21.24	21.22	22.5	1
10	QPSK	25	12	21.14	21.27	21.13	21.12		
10	QPSK	25	25	20.99	21.19	21.14	21.25		
10	QPSK	50	0	21.02	20.99	20.79	20.78		
10	16QAM	1	0	20.85	21.02	20.86	20.72	22.5	1
10	16QAM	1	25	20.70	20.80	20.70	20.77		
10	16QAM	1	49	20.69	20.84	20.94	20.88		
10	16QAM	25	0	19.99	19.93	20.02	19.92	21.5	2
10	16QAM	25	12	19.86	19.88	19.86	19.90		
10	16QAM	25	25	19.96	19.93	19.97	19.92		
10	16QAM	50	0	20.05	20.28	20.12	20.21		
10	64QAM	1	0	19.92	19.97	19.96	19.85	21.5	2
10	64QAM	1	25	19.79	19.94	19.78	19.84		
10	64QAM	1	49	19.78	19.96	19.61	19.59		
10	64QAM	25	0	18.83	19.04	19.09	19.20	20.5	3
10	64QAM	25	12	18.78	19.09	18.91	19.00		
10	64QAM	25	25	18.95	19.08	19.01	19.04		
10	64QAM	50	0	18.97	19.27	19.04	19.20		
10	256QAM	1	0	16.86	17.12	16.92	16.72	18.5	5
10	256QAM	1	25	16.87	16.94	16.90	16.93		
10	256QAM	1	49	16.79	16.80	16.84	16.74		
10	256QAM	25	0	16.97	17.02	16.92	16.90	18.5	5
10	256QAM	25	12	17.06	17.01	16.88	16.95		
10	256QAM	25	25	17.02	17.17	16.89	16.78		
10	256QAM	50	0	16.99	17.13	17.00	16.98		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.10	22.17	22.14	22.07	23.5	0
5	QPSK	1	12	22.04	21.99	22.01	22.03		
5	QPSK	1	24	21.96	21.91	22.00	22.02		
5	QPSK	12	0	21.20	21.44	21.27	21.11	22.5	1
5	QPSK	12	7	21.14	21.27	21.08	21.02		
5	QPSK	12	13	20.98	21.18	21.25	21.22		
5	QPSK	25	0	20.96	21.10	20.95	20.89		
5	16QAM	1	0	20.84	20.99	20.97	20.73	22.5	1
5	16QAM	1	12	20.84	20.84	20.85	20.80		
5	16QAM	1	24	20.80	20.90	20.81	20.75		
5	16QAM	12	0	19.91	19.97	19.94	19.99	21.5	2
5	16QAM	12	7	19.88	19.85	19.92	20.01		
5	16QAM	12	13	19.85	19.97	20.02	19.94		
5	16QAM	25	0	20.12	20.29	20.10	20.22		
5	64QAM	1	0	19.84	20.03	19.89	19.90	21.5	2
5	64QAM	1	12	19.70	19.90	19.89	19.98		
5	64QAM	1	24	19.84	20.08	19.79	19.70		
5	64QAM	12	0	18.79	19.18	19.06	19.21	20.5	3
5	64QAM	12	7	18.87	19.14	18.93	18.85		
5	64QAM	12	13	18.95	19.03	19.06	18.99		
5	64QAM	25	0	18.94	19.24	19.14	19.11		
5	256QAM	1	0	16.91	17.02	16.88	16.71	18.5	5
5	256QAM	1	12	16.85	16.92	16.81	16.85		
5	256QAM	1	24	16.84	16.79	16.73	16.80		
5	256QAM	12	0	16.93	16.99	17.04	16.98	18.5	5
5	256QAM	12	7	17.07	16.90	16.80	16.90		
5	256QAM	12	13	17.03	17.18	16.82	16.86		
5	256QAM	25	0	17.05	17.16	16.95	16.96		

Reduced Power Mode for Main PA ECI 3

GSM850 ECI3

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.79	32.75	32.85	34.00	23.79	23.75	23.85	25.00
GPRS 1 Tx slot	32.85	32.88	32.89	34.00	23.85	23.88	23.89	25.00
GPRS 2 Tx slots	29.95	30.02	30.01	31.00	23.95	24.02	24.01	25.00
GPRS 3 Tx slots	28.15	28.27	28.25	29.20	23.89	24.01	23.99	24.94
GPRS 4 Tx slots	26.63	26.84	26.83	28.00	23.63	23.84	23.83	25.00
EDGE 1 Tx slot	26.66	26.72	26.61	28.00	17.66	17.72	17.61	19.00
EDGE 2 Tx slots	23.67	23.78	23.71	25.00	17.67	17.78	17.71	19.00
EDGE 3 Tx slots	21.28	21.56	21.26	23.20	17.02	17.30	17.00	18.94
EDGE 4 Tx slots	20.35	20.55	20.27	22.00	17.35	17.55	17.27	19.00

WCDMA V ECI3

Band									WCDMA V			Tune-up Limit (dBm)
TX Channel									4132	4182	4233	
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.06	24.15	24.15	25.00
3GPP Rel 99	RMC 12.2Kbps								24.12	24.26	24.12	25.00
3GPP Rel 6	HSDPA Subtest-1								23.15	23.27	23.27	24.00
3GPP Rel 6	HSDPA Subtest-2								23.18	23.15	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3								22.65	22.70	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4								22.64	22.70	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-1								23.12	23.22	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2								23.09	23.10	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3								22.50	22.77	22.56	23.50
3GPP Rel 8	DC-HSDPA Subtest-4								22.46	22.63	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1								23.00	23.08	23.14	24.00
3GPP Rel 6	HSUPA Subtest-2								21.19	21.17	21.18	22.00
3GPP Rel 6	HSUPA Subtest-3								22.27	22.35	22.26	23.00
3GPP Rel 6	HSUPA Subtest-4								21.10	21.16	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5								23.00	23.22	23.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.68	20.82	20.74	21.50

Band 5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.04	25.10	24.88		
10	QPSK	1	25	24.91	24.96	24.92	25.7	0
10	QPSK	1	49	24.89	24.89	24.90		
10	QPSK	25	0	24.18	24.24	24.19		
10	QPSK	25	12	23.99	24.16	24.03	24.7	1
10	QPSK	25	25	24.05	24.12	24.08		
10	QPSK	50	0	23.91	23.94	23.90		
10	16QAM	1	0	23.87	23.87	23.85		
10	16QAM	1	25	23.69	23.64	23.74	24.7	1
10	16QAM	1	49	23.75	23.92	23.73		
10	16QAM	25	0	22.86	22.89	22.99		
10	16QAM	25	12	22.82	22.81	22.90	23.7	2
10	16QAM	25	25	22.87	22.92	22.91		
10	16QAM	50	0	22.95	23.26	23.09		
10	64QAM	1	0	22.82	22.96	22.82		
10	64QAM	1	25	22.76	22.86	22.75	23.7	2
10	64QAM	1	49	22.67	22.99	22.68		
10	64QAM	25	0	21.82	22.12	22.05		
10	64QAM	25	12	21.83	22.04	21.89	22.7	3
10	64QAM	25	25	21.83	21.93	21.85		
10	64QAM	50	0	21.99	22.10	22.13		
10	256QAM	1	0	19.81	20.04	19.74		
10	256QAM	1	25	19.81	19.92	19.61	20.7	5
10	256QAM	1	49	19.79	19.74	19.71		
10	256QAM	25	0	20.02	19.92	19.93		
10	256QAM	25	12	19.93	19.99	19.81	20.7	5
10	256QAM	25	25	19.72	20.02	19.88		
10	256QAM	50	0	20.04	19.99	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.94	24.94	24.81		
5	QPSK	1	12	24.88	24.88	24.82	25.7	0
5	QPSK	1	24	24.78	24.85	24.77		
5	QPSK	12	0	24.01	24.17	24.05		
5	QPSK	12	7	23.89	24.05	23.90	24.7	1
5	QPSK	12	13	23.89	23.96	23.98		
5	QPSK	25	0	23.86	23.91	23.73		
5	16QAM	1	0	23.69	23.71	23.83		
5	16QAM	1	12	23.54	23.54	23.61	24.7	1
5	16QAM	1	24	23.68	23.81	23.57		
5	16QAM	12	0	22.82	22.79	22.86		
5	16QAM	12	7	22.67	22.75	22.79	23.7	2
5	16QAM	12	13	22.85	22.87	22.83		
5	16QAM	25	0	22.81	23.19	23.07		
5	64QAM	1	0	22.78	22.87	22.68		
5	64QAM	1	12	22.61	22.82	22.71	23.7	2
5	64QAM	1	24	22.64	22.95	22.60		
5	64QAM	12	0	21.76	22.00	21.93		
5	64QAM	12	7	21.76	21.93	21.79	22.7	3
5	64QAM	12	13	21.70	21.78	21.76		
5	64QAM	25	0	21.86	21.99	22.00		
5	256QAM	1	0	19.67	19.89	19.61		
5	256QAM	1	12	19.71	19.79	19.56	20.7	5
5	256QAM	1	24	19.62	19.58	19.69		
5	256QAM	12	0	19.93	19.88	19.83		
5	256QAM	12	7	19.90	19.90	19.70	20.7	5
5	256QAM	12	13	19.67	19.89	19.71		
5	256QAM	25	0	19.87	19.93	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.93	25.06	24.85		
3	QPSK	1	8	24.85	24.94	24.84	25.7	0
3	QPSK	1	14	24.73	24.73	24.81		
3	QPSK	8	0	24.07	24.07	24.09		
3	QPSK	8	4	23.92	23.98	23.94	24.7	1
3	QPSK	8	7	23.91	24.03	23.97		
3	QPSK	15	0	23.76	23.79	23.76		
3	16QAM	1	0	23.78	23.78	23.70		
3	16QAM	1	8	23.56	23.60	23.57	24.7	1
3	16QAM	1	14	23.66	23.76	23.62		
3	16QAM	8	0	22.80	22.73	22.91		
3	16QAM	8	4	22.64	22.71	22.84	23.7	2
3	16QAM	8	7	22.72	22.81	22.85		
3	16QAM	15	0	22.90	23.09	22.95		
3	64QAM	1	0	22.77	22.90	22.80		
3	64QAM	1	8	22.73	22.76	22.71	23.7	2
3	64QAM	1	14	22.63	22.86	22.54		
3	64QAM	8	0	21.75	22.03	22.02		
3	64QAM	8	4	21.76	21.87	21.82	22.7	3
3	64QAM	8	7	21.71	21.79	21.79		
3	64QAM	15	0	21.94	21.92	22.10		
3	256QAM	1	0	19.63	19.98	19.57		
3	256QAM	1	8	19.71	19.77	19.52	20.7	5
3	256QAM	1	14	19.64	19.66	19.66		
3	256QAM	8	0	19.98	19.87	19.88		
3	256QAM	8	4	19.88	19.89	19.71	20.7	5
3	256QAM	8	7	19.55	19.93	19.79		
3	256QAM	15	0	20.00	19.96	19.78		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.89	25.00	24.82		
1.4	QPSK	1	3	24.75	24.78	24.81		
1.4	QPSK	1	5	24.84	24.83	24.78	25.7	0
1.4	QPSK	3	0	24.98	24.98	24.75		
1.4	QPSK	3	1	24.88	24.78	24.78		
1.4	QPSK	3	3	24.76	24.85	24.79		
1.4	QPSK	6	0	24.15	24.19	24.05	24.7	1
1.4	16QAM	1	0	23.91	24.09	23.92		
1.4	16QAM	1	3	23.96	24.00	23.97		
1.4	16QAM	1	5	23.81	23.90	23.77	24.7	1
1.4	16QAM	3	0	23.73	23.80	23.74		
1.4	16QAM	3	1	23.54	23.46	23.58		
1.4	16QAM	3	3	23.62	23.76	23.60		
1.4	16QAM	6	0	22.75	22.77	22.84	23.7	2
1.4	64QAM	1	0	22.68	22.73	22.80		
1.4	64QAM	1	3	22.80	22.88	22.87		
1.4	64QAM	1	5	22.77	23.10	22.93	23.7	2
1.4	64QAM	3	0	22.74	22.92	22.70		
1.4	64QAM	3	1	22.65	22.79	22.70		
1.4	64QAM	3	3	22.58	22.86	22.59		
1.4	64QAM	6	0	21.76	22.03	21.88	22.7	3
1.4	256QAM	1	0	19.73	19.92	19.61		
1.4	256QAM	1	3	19.66	19.86	19.46		
1.4	256QAM	1	5	19.64	19.69	19.58	20.7	5
1.4	256QAM	3	0	19.86	19.90	19.82		
1.4	256QAM	3	1	19.80	19.96	19.68		
1.4	256QAM	3	3	19.57	19.86	19.84		
1.4	256QAM	6	0	19.95	19.82	19.90	20.7	5

Band 12 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.58	24.61	24.46		
10	QPSK	1	25	24.54	24.55	24.56	25.5	0
10	QPSK	1	49	24.52	24.49	24.45		
10	QPSK	25	0	23.66	23.66	23.67		
10	QPSK	25	12	23.57	23.62	23.64	24.5	1
10	QPSK	25	25	23.62	23.66	23.59		
10	QPSK	50	0	23.44	23.45	23.39		
10	16QAM	1	0	23.34	23.45	23.31		
10	16QAM	1	25	23.23	23.20	23.30	24.5	1
10	16QAM	1	49	23.25	23.37	23.28		
10	16QAM	25	0	22.44	22.49	22.44		
10	16QAM	25	12	22.35	22.40	22.41	23.5	2
10	16QAM	25	25	22.35	22.54	22.45		
10	16QAM	50	0	22.56	22.77	22.69		
10	64QAM	1	0	22.29	22.50	22.33		
10	64QAM	1	25	22.32	22.50	22.37	23.5	2
10	64QAM	1	49	22.17	22.60	22.24		
10	64QAM	25	0	21.41	21.62	21.68		
10	64QAM	25	12	21.40	21.53	21.48	22.5	3
10	64QAM	25	25	21.47	21.56	21.49		
10	64QAM	50	0	21.47	21.68	21.57		
10	256QAM	1	0	19.47	19.53	19.33		
10	256QAM	1	25	19.40	19.48	19.13	20.5	5
10	256QAM	1	49	19.33	19.39	19.29		
10	256QAM	25	0	19.48	19.48	19.50		
10	256QAM	25	12	19.52	19.51	19.40	20.5	5
10	256QAM	25	25	19.22	19.57	19.32		
10	256QAM	50	0	19.50	19.63	19.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.59	24.35		
5	QPSK	1	12	24.51	24.53	24.48	25.5	0
5	QPSK	1	24	24.45	24.31	24.37		
5	QPSK	12	0	23.63	23.79	23.62		
5	QPSK	12	7	23.46	23.60	23.52	24.5	1
5	QPSK	12	13	23.49	23.62	23.41		
5	QPSK	25	0	23.39	23.35	23.23		
5	16QAM	1	0	23.27	23.42	23.22		
5	16QAM	1	12	23.13	23.05	23.18	24.5	1
5	16QAM	1	24	23.16	23.21	23.23		
5	16QAM	12	0	22.33	22.34	22.35		
5	16QAM	12	7	22.32	22.22	22.26	23.5	2
5	16QAM	12	13	22.19	22.38	22.31		
5	16QAM	25	0	22.42	22.71	22.62		
5	64QAM	1	0	22.12	22.41	22.30		
5	64QAM	1	12	22.25	22.44	22.33	23.5	2
5	64QAM	1	24	22.07	22.44	22.11		
5	64QAM	12	0	21.37	21.58	21.57		
5	64QAM	12	7	21.29	21.48	21.38	22.5	3
5	64QAM	12	13	21.43	21.50	21.45		
5	64QAM	25	0	21.44	21.65	21.46		
5	256QAM	1	0	19.40	19.37	19.24		
5	256QAM	1	12	19.24	19.44	19.01	20.5	5
5	256QAM	1	24	19.24	19.30	19.12		
5	256QAM	12	0	19.36	19.34	19.47		
5	256QAM	12	7	19.47	19.44	19.34	20.5	5
5	256QAM	12	13	19.18	19.41	19.16		
5	256QAM	25	0	19.36	19.55	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.50	24.36		
3	QPSK	1	8	24.49	24.48	24.44	25.5	0
3	QPSK	1	14	24.49	24.31	24.41		
3	QPSK	8	0	23.48	23.71	23.51		
3	QPSK	8	4	23.42	23.48	23.54	24.5	1
3	QPSK	8	7	23.55	23.62	23.52		
3	QPSK	15	0	23.31	23.37	23.30		
3	16QAM	1	0	23.29	23.38	23.16		
3	16QAM	1	8	23.14	23.13	23.13	24.5	1
3	16QAM	1	14	23.23	23.24	23.22		
3	16QAM	8	0	22.39	22.36	22.34		
3	16QAM	8	4	22.31	22.36	22.27	23.5	2
3	16QAM	8	7	22.22	22.42	22.38		
3	16QAM	15	0	22.43	22.63	22.66		
3	64QAM	1	0	22.23	22.40	22.19		
3	64QAM	1	8	22.20	22.40	22.25	23.5	2
3	64QAM	1	14	22.14	22.50	22.19		
3	64QAM	8	0	21.31	21.53	21.61		
3	64QAM	8	4	21.25	21.47	21.32	22.5	3
3	64QAM	8	7	21.32	21.42	21.44		
3	64QAM	15	0	21.40	21.61	21.50		
3	256QAM	1	0	19.41	19.38	19.22		
3	256QAM	1	8	19.36	19.42	19.10	20.5	5
3	256QAM	1	14	19.26	19.21	19.25		
3	256QAM	8	0	19.32	19.34	19.44		
3	256QAM	8	4	19.49	19.37	19.30	20.5	5
3	256QAM	8	7	19.09	19.50	19.26		
3	256QAM	15	0	19.45	19.59	19.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.51	24.46	24.30		
1.4	QPSK	1	3	24.51	24.52	24.40		
1.4	QPSK	1	5	24.43	24.36	24.32	25.5	0
1.4	QPSK	3	0	24.55	24.51	24.33		
1.4	QPSK	3	1	24.44	24.47	24.49		
1.4	QPSK	3	3	24.35	24.34	24.28		
1.4	QPSK	6	0	23.58	23.82	23.53	24.5	1
1.4	16QAM	1	0	23.50	23.55	23.50		
1.4	16QAM	1	3	23.57	23.56	23.53		
1.4	16QAM	1	5	23.34	23.33	23.31	24.5	1
1.4	16QAM	3	0	23.20	23.37	23.15		
1.4	16QAM	3	1	23.12	23.02	23.16		
1.4	16QAM	3	3	23.22	23.20	23.24		
1.4	16QAM	6	0	22.32	22.38	22.31	23.5	2
1.4	64QAM	1	0	22.26	22.24	22.24		
1.4	64QAM	1	3	22.30	22.40	22.39		
1.4	64QAM	1	5	22.41	22.70	22.61	23.5	2
1.4	64QAM	3	0	22.26	22.24	22.25		
1.4	64QAM	3	1	22.22	22.36	22.21		
1.4	64QAM	3	3	22.02	22.52	22.08		
1.4	64QAM	6	0	21.28	21.48	21.65	22.5	3
1.4	256QAM	1	0	19.38	19.49	19.20		
1.4	256QAM	1	3	19.30	19.32	19.07		
1.4	256QAM	1	5	19.22	19.37	19.17	20.5	5
1.4	256QAM	3	0	19.34	19.35	19.34		
1.4	256QAM	3	1	19.50	19.48	19.31		
1.4	256QAM	3	3	19.04	19.51	19.14		
1.4	256QAM	6	0	19.43	19.55	19.42	20.5	5

Band 13 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.72			
10	QPSK	1	25		24.62		25.5	0
10	QPSK	1	49		24.43			
10	QPSK	25	0		23.81			
10	QPSK	25	12		23.68		24.5	1
10	QPSK	25	25		23.75			
10	QPSK	50	0		23.51			
10	16QAM	1	0		23.42			
10	16QAM	1	25		23.25		24.5	1
10	16QAM	1	49		23.43			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.42		23.5	2
10	16QAM	25	25		22.55			
10	16QAM	50	0		22.82			
10	64QAM	1	0		22.45			
10	64QAM	1	25		22.54		23.5	2
10	64QAM	1	49		22.59			
10	64QAM	25	0		21.65			
10	64QAM	25	12		21.60		22.5	3
10	64QAM	25	25		21.57			
10	64QAM	50	0		21.70			
10	256QAM	1	0		19.55			
10	256QAM	1	25		19.43		20.5	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.53		20.5	5
10	256QAM	25	25		19.60			
10	256QAM	50	0		19.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.57	24.64	24.66		
5	QPSK	1	12	24.46	24.54	24.45	25.5	0
5	QPSK	1	24	24.39	24.34	24.27		
5	QPSK	12	0	23.75	23.65	23.67		
5	QPSK	12	7	23.64	23.56	23.62	24.5	1
5	QPSK	12	13	23.60	23.64	23.73		
5	QPSK	25	0	23.43	23.40	23.40		
5	16QAM	1	0	23.33	23.36	23.32		
5	16QAM	1	12	23.08	23.09	23.20	24.5	1
5	16QAM	1	24	23.30	23.27	23.37		
5	16QAM	12	0	22.31	22.39	22.40		
5	16QAM	12	7	22.27	22.38	22.36	23.5	2
5	16QAM	12	13	22.52	22.49	22.51		
5	16QAM	25	0	22.71	22.65	22.67		
5	64QAM	1	0	22.43	22.28	22.37		
5	64QAM	1	12	22.49	22.45	22.38	23.5	2
5	64QAM	1	24	22.49	22.49	22.44		
5	64QAM	12	0	21.48	21.57	21.56		
5	64QAM	12	7	21.49	21.57	21.53	22.5	3
5	64QAM	12	13	21.42	21.43	21.54		
5	64QAM	25	0	21.62	21.60	21.53		
5	256QAM	1	0	19.48	19.38	19.40		
5	256QAM	1	12	19.32	19.36	19.38	20.5	5
5	256QAM	1	24	19.30	19.22	19.30		
5	256QAM	12	0	19.40	19.40	19.38		
5	256QAM	12	7	19.37	19.47	19.41	20.5	5
5	256QAM	12	13	19.46	19.49	19.45		
5	256QAM	25	0	19.59	19.59	19.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.51	24.61	24.40	25.5	0
10	QPSK	1	25	24.46	24.53	24.44		
10	QPSK	1	49	24.41	24.47	24.48		
10	QPSK	25	0	23.61	23.75	23.61	24.5	1
10	QPSK	25	12	23.56	23.68	23.52		
10	QPSK	25	25	23.51	23.69	23.59		
10	QPSK	50	0	23.33	23.45	23.26		
10	16QAM	1	0	23.35	23.41	23.27	24.5	1
10	16QAM	1	25	23.28	23.24	23.21		
10	16QAM	1	49	23.23	23.37	23.34		
10	16QAM	25	0	22.40	22.42	22.43	23.5	2
10	16QAM	25	12	22.27	22.39	22.36		
10	16QAM	25	25	22.34	22.43	22.41		
10	16QAM	50	0	22.56	22.77	22.66		
10	64QAM	1	0	22.32	22.44	22.30	23.5	2
10	64QAM	1	25	22.28	22.48	22.26		
10	64QAM	1	49	22.19	22.50	22.10		
10	64QAM	25	0	21.29	21.58	21.53	22.5	3
10	64QAM	25	12	21.33	21.45	21.35		
10	64QAM	25	25	21.35	21.40	21.44		
10	64QAM	50	0	21.42	21.68	21.53		
10	256QAM	1	0	19.39	19.57	19.28	20.5	5
10	256QAM	1	25	19.31	19.40	19.12		
10	256QAM	1	49	19.23	19.35	19.29		
10	256QAM	25	0	19.41	19.51	19.41	20.5	5
10	256QAM	25	12	19.49	19.47	19.32		
10	256QAM	25	25	19.24	19.59	19.38		
10	256QAM	50	0	19.55	19.53	19.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.56	24.36	25.5	0
5	QPSK	1	12	24.29	24.40	24.29		
5	QPSK	1	24	24.32	24.32	24.33		
5	QPSK	12	0	23.48	23.57	23.59	24.5	1
5	QPSK	12	7	23.54	23.62	23.39		
5	QPSK	12	13	23.37	23.58	23.57		
5	QPSK	25	0	23.21	23.36	23.16		
5	16QAM	1	0	23.27	23.39	23.15	24.5	1
5	16QAM	1	12	23.18	23.19	23.04		
5	16QAM	1	24	23.13	23.25	23.27		
5	16QAM	12	0	22.26	22.34	22.37	23.5	2
5	16QAM	12	7	22.22	22.28	22.28		
5	16QAM	12	13	22.30	22.34	22.32		
5	16QAM	25	0	22.53	22.60	22.60		
5	64QAM	1	0	22.27	22.37	22.20	23.5	2
5	64QAM	1	12	22.10	22.40	22.23		
5	64QAM	1	24	22.11	22.38	22.03		
5	64QAM	12	0	21.24	21.54	21.50	22.5	3
5	64QAM	12	7	21.23	21.35	21.21		
5	64QAM	12	13	21.20	21.27	21.40		
5	64QAM	25	0	21.32	21.64	21.40		
5	256QAM	1	0	19.26	19.41	19.21	20.5	5
5	256QAM	1	12	19.14	19.24	19.08		
5	256QAM	1	24	19.20	19.22	19.25		
5	256QAM	12	0	19.29	19.40	19.31	20.5	5
5	256QAM	12	7	19.34	19.39	19.20		
5	256QAM	12	13	19.11	19.55	19.34		
5	256QAM	25	0	19.46	19.44	19.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.99	25.07	24.87	25.7	0
15	QPSK	1	37	24.84	24.95	24.94		
15	QPSK	1	74	24.94	24.84	24.82		
15	QPSK	36	0	24.06	24.28	24.16	24.7	1
15	QPSK	36	20	24.00	24.03	24.02		
15	QPSK	36	39	23.98	24.09	24.01		
15	QPSK	75	0	23.78	23.91	23.70		
15	16QAM	1	0	23.74	23.84	23.70	24.7	1
15	16QAM	1	37	23.64	23.63	23.69		
15	16QAM	1	74	23.69	23.79	23.77		
15	16QAM	36	0	22.89	22.82	22.90	23.7	2
15	16QAM	36	20	22.70	22.83	22.87		
15	16QAM	36	39	22.81	22.89	22.89		
15	16QAM	75	0	22.99	23.15	23.07		
15	64QAM	1	0	22.70	22.84	22.83	23.7	2
15	64QAM	1	37	22.64	22.90	22.73		
15	64QAM	1	74	22.61	23.00	22.56		
15	64QAM	36	0	21.82	22.07	21.97	22.7	3
15	64QAM	36	20	21.73	21.91	21.86		
15	64QAM	36	39	21.84	21.91	21.83		
15	64QAM	75	0	21.94	22.10	22.01		
15	256QAM	1	0	19.82	19.98	19.68	20.7	5
15	256QAM	1	37	19.69	19.81	19.59		
15	256QAM	1	74	19.70	19.75	19.71		
15	256QAM	36	0	19.91	19.86	19.94	20.7	5
15	256QAM	36	20	19.88	19.91	19.78		
15	256QAM	36	39	19.63	19.93	19.80		
15	256QAM	75	0	19.90	19.97	19.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.85	24.96	24.80	25.7	0
10	QPSK	1	25	24.67	24.81	24.84		
10	QPSK	1	49	24.81	24.67	24.66		
10	QPSK	25	0	23.97	24.23	24.01	24.7	1
10	QPSK	25	12	23.98	23.91	23.99		
10	QPSK	25	25	23.88	23.98	23.92		
10	QPSK	50	0	23.70	23.88	23.65		
10	16QAM	1	0	23.59	23.68	23.64	24.7	1
10	16QAM	1	25	23.52	23.61	23.61		
10	16QAM	1	49	23.60	23.71	23.67		
10	16QAM	25	0	22.80	22.79	22.85	23.7	2
10	16QAM	25	12	22.56	22.74	22.83		
10	16QAM	25	25	22.67	22.83	22.83		
10	16QAM	50	0	22.92	23.12	23.02		
10	64QAM	1	0	22.64	22.75	22.67	23.7	2
10	64QAM	1	25	22.60	22.82	22.59		
10	64QAM	1	49	22.57	22.84	22.38		
10	64QAM	25	0	21.71	22.04	21.89	22.7	3
10	64QAM	25	12	21.70	21.81	21.70		
10	64QAM	25	25	21.69	21.76	21.70		
10	64QAM	50	0	21.81	22.07	21.84		
10	256QAM	1	0	19.78	19.83	19.54	20.7	5
10	256QAM	1	25	19.66	19.71	19.42		
10	256QAM	1	49	19.67	19.69	19.67		
10	256QAM	25	0	19.85	19.69	19.87	20.7	5
10	256QAM	25	12	19.74	19.88	19.65		
10	256QAM	25	25	19.59	19.77	19.69		
10	256QAM	50	0	19.87	19.84	19.80		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	24.93	24.78	25.7	0
5	QPSK	1	12	24.76	24.86	24.82		
5	QPSK	1	24	24.76	24.80	24.77		
5	QPSK	12	0	23.89	24.15	24.04	24.7	1
5	QPSK	12	7	23.88	23.85	23.99		
5	QPSK	12	13	23.83	24.00	23.85		
5	QPSK	25	0	23.75	23.81	23.84		
5	16QAM	1	0	23.57	23.81	23.66	24.7	1
5	16QAM	1	12	23.53	23.49	23.65		
5	16QAM	1	24	23.66	23.67	23.72		
5	16QAM	12	0	22.73	22.75	22.77	23.7	2
5	16QAM	12	7	22.55	22.66	22.80		
5	16QAM	12	13	22.66	22.73	22.86		
5	16QAM	25	0	22.92	23.12	23.03		
5	64QAM	1	0	22.67	22.80	22.80	23.7	2
5	64QAM	1	12	22.64	22.82	22.68		
5	64QAM	1	24	22.79	22.92	22.73		
5	64QAM	12	0	21.75	21.98	21.93	22.7	3
5	64QAM	12	7	21.58	21.79	21.68		
5	64QAM	12	13	21.76	21.80	21.73		
5	64QAM	25	0	21.88	21.98	21.94		
5	256QAM	1	0	19.71	19.80	19.55	20.7	5
5	256QAM	1	12	19.65	19.66	19.53		
5	256QAM	1	24	19.56	19.70	19.59		
5	256QAM	12	0	19.81	19.79	19.78	20.7	5
5	256QAM	12	7	19.85	19.75	19.76		
5	256QAM	12	13	19.53	19.81	19.66		
5	256QAM	25	0	19.87	19.87	19.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.91	24.87	24.80	25.7	0
3	QPSK	1	8	24.76	24.82	24.82		
3	QPSK	1	14	24.83	24.65	24.62		
3	QPSK	8	0	23.85	24.14	23.99	24.7	1
3	QPSK	8	4	23.82	23.89	23.95		
3	QPSK	8	7	23.83	23.97	23.87		
3	QPSK	15	0	23.64	23.83	23.64		
3	16QAM	1	0	23.58	23.76	23.55	24.7	1
3	16QAM	1	8	23.51	23.51	23.57		
3	16QAM	1	14	23.62	23.72	23.67		
3	16QAM	8	0	22.68	22.63	22.76	23.7	2
3	16QAM	8	4	22.49	22.70	22.79		
3	16QAM	8	7	22.61	22.72	22.71		
3	16QAM	15	0	22.79	23.01	22.87		
3	64QAM	1	0	22.63	22.69	22.63	23.7	2
3	64QAM	1	8	22.43	22.73	22.67		
3	64QAM	1	14	22.48	22.88	22.49		
3	64QAM	8	0	21.70	21.97	21.87	22.7	3
3	64QAM	8	4	21.59	21.78	21.66		
3	64QAM	8	7	21.77	21.81	21.66		
3	64QAM	15	0	21.87	21.91	21.87		
3	256QAM	1	0	19.75	19.80	19.60	20.7	5
3	256QAM	1	8	19.52	19.71	19.44		
3	256QAM	1	14	19.54	19.58	19.59		
3	256QAM	8	0	19.71	19.78	19.88	20.7	5
3	256QAM	8	4	19.69	19.82	19.69		
3	256QAM	8	7	19.44	19.75	19.61		
3	256QAM	15	0	19.82	19.91	19.77		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.93	24.86	24.72	25.7	0
1.4	QPSK	1	3	24.76	24.79	24.84		
1.4	QPSK	1	5	24.86	24.76	24.76		
1.4	QPSK	3	0	24.84	24.87	24.67		
1.4	QPSK	3	1	24.65	24.82	24.76		
1.4	QPSK	3	3	24.82	24.69	24.68		
1.4	QPSK	6	0	23.88	24.09	24.10	24.7	1
1.4	16QAM	1	0	23.85	23.98	23.92	24.7	1
1.4	16QAM	1	3	23.91	23.89	23.95		
1.4	16QAM	1	5	23.59	23.81	23.64		
1.4	16QAM	3	0	23.55	23.77	23.57		
1.4	16QAM	3	1	23.48	23.48	23.52		
1.4	16QAM	3	3	23.54	23.66	23.70		
1.4	16QAM	6	0	22.74	22.68	22.71	23.7	2
1.4	64QAM	1	0	22.61	22.68	22.70	23.7	2
1.4	64QAM	1	3	22.62	22.79	22.78		
1.4	64QAM	1	5	22.83	23.09	23.00		
1.4	64QAM	3	0	22.58	22.66	22.71		
1.4	64QAM	3	1	22.53	22.76	22.62		
1.4	64QAM	3	3	22.51	22.87	22.39		
1.4	64QAM	6	0	21.61	21.89	21.83	22.7	3
1.4	256QAM	1	0	19.76	19.88	19.60	20.7	5
1.4	256QAM	1	3	19.54	19.64	19.50		
1.4	256QAM	1	5	19.60	19.65	19.66		
1.4	256QAM	3	0	19.73	19.69	19.84		
1.4	256QAM	3	1	19.74	19.72	19.60		
1.4	256QAM	3	3	19.49	19.81	19.68		
1.4	256QAM	6	0	19.84	19.86	19.67	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.17	24.27	24.01	25	0
20	QPSK	1	49	24.11	24.16	24.13		
20	QPSK	1	99	24.04	24.13	24.14		
20	QPSK	50	0	23.33	23.47	23.29	24	1
20	QPSK	50	24	23.16	23.24	23.17		
20	QPSK	50	50	23.13	23.38	23.21		
20	QPSK	100	0	22.99	23.10	22.99		
20	16QAM	1	0	22.90	23.04	22.95	24	1
20	16QAM	1	49	22.87	22.85	22.91		
20	16QAM	1	99	22.90	23.00	22.89		
20	16QAM	50	0	22.04	22.08	22.06	23	2
20	16QAM	50	24	21.90	22.00	22.11		
20	16QAM	50	50	21.99	22.14	22.06		
20	16QAM	100	0	22.13	22.35	22.26		
20	64QAM	1	0	21.98	22.08	21.97	23	2
20	64QAM	1	49	21.87	22.13	21.91		
20	64QAM	1	99	21.85	22.19	21.85		
20	64QAM	50	0	20.97	21.18	21.28	22	3
20	64QAM	50	24	21.00	21.10	21.01		
20	64QAM	50	50	21.01	21.09	21.03		
20	64QAM	100	0	21.12	21.25	21.22		
20	256QAM	1	0	19.04	19.25	18.94	20	5
20	256QAM	1	49	18.91	19.09	18.91		
20	256QAM	1	99	18.93	18.90	18.86		
20	256QAM	50	0	19.12	19.16	19.09	20	5
20	256QAM	50	24	19.09	19.13	19.03		
20	256QAM	50	50	18.80	19.26	19.02		
20	256QAM	100	0	19.14	19.19	19.08		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.24	23.87	25	0
15	QPSK	1	37	23.95	24.10	23.99		
15	QPSK	1	74	24.01	24.05	24.02		
15	QPSK	36	0	23.19	23.31	23.27	24	1
15	QPSK	36	20	23.07	23.10	23.08		
15	QPSK	36	39	23.02	23.22	23.07		
15	QPSK	75	0	22.87	23.05	22.86		
15	16QAM	1	0	22.80	22.96	22.87	24	1
15	16QAM	1	37	22.80	22.79	22.79		
15	16QAM	1	74	22.87	22.89	22.72		
15	16QAM	36	0	21.93	22.05	22.00	23	2
15	16QAM	36	20	21.75	21.92	22.01		
15	16QAM	36	39	21.82	22.01	21.92		
15	16QAM	75	0	22.01	22.24	22.17		
15	64QAM	1	0	21.85	21.90	21.83	23	2
15	64QAM	1	37	21.83	21.99	21.83		
15	64QAM	1	74	21.73	22.16	21.69		
15	64QAM	36	0	20.80	21.06	21.23	22	3
15	64QAM	36	20	20.90	20.95	20.86		
15	64QAM	36	39	20.84	21.02	20.87		
15	64QAM	75	0	20.97	21.14	21.11		
15	256QAM	1	0	18.92	19.11	18.87	20	5
15	256QAM	1	37	18.73	19.03	18.73		
15	256QAM	1	74	18.89	18.82	18.73		
15	256QAM	36	0	19.10	19.05	19.06	20	5
15	256QAM	36	20	19.05	19.05	18.93		
15	256QAM	36	39	18.65	19.11	18.97		
15	256QAM	75	0	19.06	19.09	19.00		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.99	24.19	23.98	25	0
10	QPSK	1	25	23.95	24.06	24.07		
10	QPSK	1	49	23.89	24.09	23.98		
10	QPSK	25	0	23.19	23.43	23.14	24	1
10	QPSK	25	12	23.10	23.18	23.04		
10	QPSK	25	25	23.05	23.23	23.05		
10	QPSK	50	0	22.90	22.97	22.83		
10	16QAM	1	0	22.80	22.96	22.88	24	1
10	16QAM	1	25	22.76	22.69	22.75		
10	16QAM	1	49	22.77	22.92	22.75		
10	16QAM	25	0	21.88	21.98	21.90	23	2
10	16QAM	25	12	21.81	21.97	22.02		
10	16QAM	25	25	21.85	22.05	21.94		
10	16QAM	50	0	21.99	22.28	22.09		
10	64QAM	1	0	21.91	22.01	21.89	23	2
10	64QAM	1	25	21.83	22.06	21.85		
10	64QAM	1	49	21.80	22.11	21.71		
10	64QAM	25	0	20.90	21.15	21.21	22	3
10	64QAM	25	12	20.93	20.96	20.94		
10	64QAM	25	25	20.94	21.03	20.95		
10	64QAM	50	0	21.02	21.19	21.05		
10	256QAM	1	0	18.95	19.13	18.89	20	5
10	256QAM	1	25	18.73	18.99	18.87		
10	256QAM	1	49	18.76	18.87	18.71		
10	256QAM	25	0	18.96	19.06	18.96	20	5
10	256QAM	25	12	18.95	18.97	18.88		
10	256QAM	25	25	18.82	19.00	18.90		
10	256QAM	50	0	19.10	19.16	18.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.11	24.09	23.96	25	0
5	QPSK	1	12	24.04	24.03	24.07		
5	QPSK	1	24	23.94	24.08	24.12		
5	QPSK	12	0	23.21	23.32	23.17	24	1
5	QPSK	12	7	23.11	23.08	23.09		
5	QPSK	12	13	22.97	23.24	23.12		
5	QPSK	25	0	22.88	22.95	22.86		
5	16QAM	1	0	22.76	22.98	22.91	24	1
5	16QAM	1	12	22.83	22.70	22.85		
5	16QAM	1	24	22.84	22.92	22.75		
5	16QAM	12	0	21.87	21.91	21.96	23	2
5	16QAM	12	7	21.75	21.91	22.00		
5	16QAM	12	13	21.95	22.00	22.02		
5	16QAM	25	0	21.96	22.28	22.15		
5	64QAM	1	0	21.84	22.06	21.88	23	2
5	64QAM	1	12	21.79	22.00	21.80		
5	64QAM	1	24	21.70	22.09	21.75		
5	64QAM	12	0	20.92	21.01	21.22	22	3
5	64QAM	12	7	20.92	21.05	20.98		
5	64QAM	12	13	20.91	20.91	20.96		
5	64QAM	25	0	20.99	21.11	21.17		
5	256QAM	1	0	18.91	19.13	18.89	20	5
5	256QAM	1	12	18.88	18.93	18.86		
5	256QAM	1	24	18.87	18.72	18.83		
5	256QAM	12	0	19.04	19.05	18.97	20	5
5	256QAM	12	7	19.02	18.99	18.96		
5	256QAM	12	13	18.70	19.19	18.98		
5	256QAM	25	0	19.05	19.07	18.96		

GSM850 EC3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.39	28.41	28.37	30.00	19.39	19.41	19.37	21.00
GPRS 1 Tx slot	28.40	28.43	28.39	30.00	19.40	19.43	19.39	21.00
GPRS 2 Tx slots	25.41	25.51	25.51	27.00	19.41	19.51	19.51	21.00
GPRS 3 Tx slots	23.73	23.73	23.86	25.20	19.47	19.47	19.60	20.94
GPRS 4 Tx slots	22.37	22.48	22.42	24.00	19.37	19.48	19.42	21.00
EDGE 1 Tx slot	26.95	27.08	26.93	28.50	17.95	18.08	17.93	19.50
EDGE 2 Tx slots	23.95	23.93	23.88	25.50	17.95	17.93	17.88	19.50
EDGE 3 Tx slots	21.86	21.88	21.91	23.70	17.60	17.62	17.65	19.44
EDGE 4 Tx slots	20.54	20.62	20.58	22.50	17.54	17.62	17.58	19.50

WCDMA V EC3

Band									WCDMA V			Tune-up Limit (dBm)
TX Channel									4132	4182	4233	
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								19.23	19.25	19.17	20.50
3GPP Rel 99	RMC 12.2Kbps								19.24	19.27	19.19	20.50
3GPP Rel 6	HSDPA Subtest-1								18.26	18.20	18.22	19.50
3GPP Rel 6	HSDPA Subtest-2								18.22	18.13	18.02	19.50
3GPP Rel 6	HSDPA Subtest-3								17.78	17.76	17.80	19.00
3GPP Rel 6	HSDPA Subtest-4								17.58	17.61	17.75	19.00
3GPP Rel 8	DC-HSDPA Subtest-1								18.16	18.21	18.16	19.50
3GPP Rel 8	DC-HSDPA Subtest-2								18.03	18.23	18.14	19.50
3GPP Rel 8	DC-HSDPA Subtest-3								17.56	17.64	17.53	19.00
3GPP Rel 8	DC-HSDPA Subtest-4								17.59	17.72	17.62	19.00
3GPP Rel 6	HSUPA Subtest-1								17.87	18.24	18.19	19.50
3GPP Rel 6	HSUPA Subtest-2								16.18	16.33	16.25	17.50
3GPP Rel 6	HSUPA Subtest-3								17.28	17.16	17.33	18.50
3GPP Rel 6	HSUPA Subtest-4								16.17	16.19	16.08	17.50
3GPP Rel 6	HSUPA Subtest-5								18.08	18.19	18.00	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								15.73	15.98	15.73	17.00

Band 5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.09	20.25	20.19		
10	QPSK	1	25	20.21	20.14	20.12	20.7	0
10	QPSK	1	49	20.12	20.10	20.08		
10	QPSK	25	0	20.03	20.14	19.97		
10	QPSK	25	12	20.03	20.01	20.01	20.7	0
10	QPSK	25	25	20.03	19.95	19.85		
10	QPSK	50	0	19.90	20.00	19.85		
10	16QAM	1	0	19.94	20.00	20.10		
10	16QAM	1	25	19.95	19.98	19.91	20.7	0
10	16QAM	1	49	19.84	19.97	19.86		
10	16QAM	25	0	20.06	19.97	20.02		
10	16QAM	25	12	20.12	20.07	20.14	20.7	0
10	16QAM	25	25	20.11	20.05	20.13		
10	16QAM	50	0	19.94	20.05	20.13		
10	64QAM	1	0	20.02	19.99	20.07		
10	64QAM	1	25	19.91	20.07	20.08	20.7	0
10	64QAM	1	49	20.08	20.12	19.98		
10	64QAM	25	0	20.12	20.01	20.09		
10	64QAM	25	12	19.98	20.06	19.91	20.7	0
10	64QAM	25	25	19.88	20.12	20.14		
10	64QAM	50	0	20.07	20.09	20.16		
10	256QAM	1	0	19.98	20.10	19.99		
10	256QAM	1	25	19.93	20.20	19.96	20.7	0
10	256QAM	1	49	20.02	20.01	20.01		
10	256QAM	25	0	20.08	20.16	20.09		
10	256QAM	25	12	19.86	20.02	19.99	20.7	0
10	256QAM	25	25	19.94	20.06	20.13		
10	256QAM	50	0	19.97	20.02	20.11		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	20.16	20.05		
5	QPSK	1	12	20.06	20.08	20.12	20.7	0
5	QPSK	1	24	19.94	19.99	19.91		
5	QPSK	12	0	19.90	20.10	19.98		
5	QPSK	12	7	19.92	19.90	19.83	20.7	0
5	QPSK	12	13	19.92	19.95	19.86		
5	QPSK	25	0	19.66	19.90	19.68		
5	16QAM	1	0	19.81	19.93	19.98		
5	16QAM	1	12	19.78	19.86	19.94	20.7	0
5	16QAM	1	24	19.88	19.79	19.87		
5	16QAM	12	0	19.95	19.84	19.91		
5	16QAM	12	7	19.93	19.82	20.03	20.7	0
5	16QAM	12	13	20.01	19.98	19.96		
5	16QAM	25	0	19.84	19.99	19.90		
5	64QAM	1	0	19.83	19.94	20.04		
5	64QAM	1	12	19.82	19.86	19.93	20.7	0
5	64QAM	1	24	19.91	20.12	19.97		
5	64QAM	12	0	19.98	19.92	19.89		
5	64QAM	12	7	19.85	19.88	19.90	20.7	0
5	64QAM	12	13	19.86	19.98	20.10		
5	64QAM	25	0	19.86	20.01	20.00		
5	256QAM	1	0	19.92	19.98	19.95		
5	256QAM	1	12	19.83	20.09	19.99	20.7	0
5	256QAM	1	24	19.96	19.97	19.90		
5	256QAM	12	0	19.95	20.04	19.97		
5	256QAM	12	7	19.89	19.90	20.02	20.7	0
5	256QAM	12	13	19.94	19.97	19.96		
5	256QAM	25	0	19.93	20.02	20.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.00	20.15	19.99		
3	QPSK	1	8	20.00	20.01	20.06	20.7	0
3	QPSK	1	14	20.04	20.07	20.03		
3	QPSK	8	0	19.94	19.97	19.97		
3	QPSK	8	4	19.95	19.88	19.91	20.7	0
3	QPSK	8	7	19.88	19.99	19.83		
3	QPSK	15	0	19.72	19.95	19.62		
3	16QAM	1	0	19.77	19.86	19.95		
3	16QAM	1	8	19.77	19.75	19.85	20.7	0
3	16QAM	1	14	19.83	19.84	19.85		
3	16QAM	8	0	19.94	19.82	19.86		
3	16QAM	8	4	19.90	19.94	19.99	20.7	0
3	16QAM	8	7	19.95	19.93	19.89		
3	16QAM	15	0	19.80	19.96	20.02		
3	64QAM	1	0	19.86	19.89	19.93		
3	64QAM	1	8	19.88	19.97	19.98	20.7	0
3	64QAM	1	14	19.95	20.03	19.92		
3	64QAM	8	0	19.95	19.92	19.90		
3	64QAM	8	4	19.87	19.90	19.91	20.7	0
3	64QAM	8	7	19.82	20.02	19.98		
3	64QAM	15	0	19.89	20.01	19.95		
3	256QAM	1	0	19.92	20.04	19.91		
3	256QAM	1	8	19.80	20.09	19.90	20.7	0
3	256QAM	1	14	19.95	19.98	19.99		
3	256QAM	8	0	19.99	19.98	19.89		
3	256QAM	8	4	19.78	19.95	19.90	20.7	0
3	256QAM	8	7	19.91	19.89	20.00		
3	256QAM	15	0	19.95	19.96	19.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.92	20.12	20.11		
1.4	QPSK	1	3	20.08	20.09	20.05		
1.4	QPSK	1	5	19.93	20.10	19.96	20.7	0
1.4	QPSK	3	0	19.80	20.12	19.83		
1.4	QPSK	3	1	19.86	19.88	19.90		
1.4	QPSK	3	3	19.91	19.84	19.79		
1.4	QPSK	6	0	19.72	19.95	19.67	20.7	0
1.4	16QAM	1	0	19.88	19.90	19.93		
1.4	16QAM	1	3	19.91	19.89	19.89		
1.4	16QAM	1	5	19.80	19.77	19.83	20.7	0
1.4	16QAM	3	0	19.98	19.92	19.92		
1.4	16QAM	3	1	19.90	19.87	19.98		
1.4	16QAM	3	3	20.04	19.99	20.00		
1.4	16QAM	6	0	19.82	19.99	19.93	20.7	0
1.4	64QAM	1	0	19.87	19.92	20.01		
1.4	64QAM	1	3	19.94	19.96	20.05		
1.4	64QAM	1	5	19.91	20.08	19.93	20.7	0
1.4	64QAM	3	0	20.01	19.93	19.86		
1.4	64QAM	3	1	19.91	19.99	19.83		
1.4	64QAM	3	3	19.91	20.02	19.99		
1.4	64QAM	6	0	19.87	19.98	19.92	20.7	0
1.4	256QAM	1	0	19.98	20.11	19.89		
1.4	256QAM	1	3	19.82	20.02	19.91		
1.4	256QAM	1	5	20.01	19.97	19.97	20.7	0
1.4	256QAM	3	0	19.97	20.05	19.93		
1.4	256QAM	3	1	19.81	19.99	19.90		
1.4	256QAM	3	3	19.88	19.91	19.93		
1.4	256QAM	6	0	19.93	20.02	19.95	20.7	0

Band 12 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.57	20.65	20.55		
10	QPSK	1	25	20.50	20.59	20.48	21.7	0
10	QPSK	1	49	20.52	20.41	20.46		
10	QPSK	25	0	20.51	20.59	20.53		
10	QPSK	25	12	20.27	20.42	20.29	21.7	0
10	QPSK	25	25	20.26	20.39	20.25		
10	QPSK	50	0	20.46	20.51	20.44		
10	16QAM	1	0	20.28	20.32	20.30		
10	16QAM	1	25	20.22	20.28	20.29	21.7	0
10	16QAM	1	49	20.27	20.18	20.29		
10	16QAM	25	0	20.44	20.28	20.35		
10	16QAM	25	12	20.33	20.42	20.48	21.7	0
10	16QAM	25	25	20.41	20.32	20.44		
10	16QAM	50	0	20.25	20.54	20.38		
10	64QAM	1	0	20.35	20.39	20.47		
10	64QAM	1	25	20.27	20.28	20.43	21.7	0
10	64QAM	1	49	20.30	20.55	20.48		
10	64QAM	25	0	19.80	20.06	20.08		
10	64QAM	25	12	19.77	19.99	19.81	21.7	0
10	64QAM	25	25	19.91	19.90	19.93		
10	64QAM	50	0	19.96	20.16	20.07		
10	256QAM	1	0	19.35	19.55	19.28		
10	256QAM	1	25	19.35	19.34	19.32	20.7	1
10	256QAM	1	49	19.23	19.25	19.21		
10	256QAM	25	0	19.44	19.51	19.46		
10	256QAM	25	12	19.46	19.45	19.34	20.7	1
10	256QAM	25	25	19.34	19.53	19.32		
10	256QAM	50	0	19.45	19.50	19.49		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.57	20.65	20.55		
5	QPSK	1	12	20.50	20.59	20.48	21.7	0
5	QPSK	1	24	20.52	20.41	20.46		
5	QPSK	12	0	20.51	20.59	20.53		
5	QPSK	12	7	20.27	20.42	20.29	21.7	0
5	QPSK	12	13	20.26	20.39	20.25		
5	QPSK	25	0	20.46	20.51	20.44		
5	16QAM	1	0	20.28	20.32	20.30		
5	16QAM	1	12	20.22	20.28	20.29	21.7	0
5	16QAM	1	24	20.27	20.18	20.29		
5	16QAM	12	0	20.44	20.28	20.35		
5	16QAM	12	7	20.33	20.42	20.48	21.7	0
5	16QAM	12	13	20.41	20.32	20.44		
5	16QAM	25	0	20.25	20.54	20.38		
5	64QAM	1	0	20.35	20.39	20.47		
5	64QAM	1	12	20.27	20.28	20.43	21.7	0
5	64QAM	1	24	20.30	20.55	20.48		
5	64QAM	12	0	19.80	20.06	20.08		
5	64QAM	12	7	19.77	19.99	19.81	21.7	0
5	64QAM	12	13	19.91	19.90	19.93		
5	64QAM	25	0	19.96	20.16	20.07		
5	256QAM	1	0	19.22	19.48	19.24		
5	256QAM	1	12	19.23	19.16	19.20	20.7	1
5	256QAM	1	24	19.15	19.19	19.15		
5	256QAM	12	0	19.34	19.46	19.29		
5	256QAM	12	7	19.35	19.37	19.18	20.7	1
5	256QAM	12	13	19.30	19.43	19.15		
5	256QAM	25	0	19.29	19.45	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.57	20.65	20.55		
3	QPSK	1	8	20.50	20.59	20.48	21.7	0
3	QPSK	1	14	20.52	20.41	20.46		
3	QPSK	8	0	20.51	20.59	20.53		
3	QPSK	8	4	20.27	20.42	20.29	21.7	0
3	QPSK	8	7	20.26	20.39	20.25		
3	QPSK	15	0	20.46	20.51	20.44		
3	16QAM	1	0	20.28	20.32	20.30		
3	16QAM	1	8	20.22	20.28	20.29	21.7	0
3	16QAM	1	14	20.27	20.18	20.29		
3	16QAM	8	0	20.44	20.28	20.35		
3	16QAM	8	4	20.33	20.42	20.48	21.7	0
3	16QAM	8	7	20.41	20.32	20.44		
3	16QAM	15	0	20.25	20.54	20.38		
3	64QAM	1	0	20.35	20.39	20.47		
3	64QAM	1	8	20.27	20.28	20.43	21.7	0
3	64QAM	1	14	20.30	20.55	20.48		
3	64QAM	8	0	19.80	20.06	20.08		
3	64QAM	8	4	19.77	19.99	19.81	21.7	0
3	64QAM	8	7	19.91	19.90	19.93		
3	64QAM	15	0	19.96	20.16	20.07		
3	256QAM	1	0	19.29	19.48	19.24		
3	256QAM	1	8	19.24	19.25	19.25	20.7	1
3	256QAM	1	14	19.14	19.11	19.17		
3	256QAM	8	0	19.40	19.46	19.41		
3	256QAM	8	4	19.35	19.30	19.27	20.7	1
3	256QAM	8	7	19.17	19.37	19.19		
3	256QAM	15	0	19.36	19.38	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.57	20.65	20.55		
1.4	QPSK	1	3	20.50	20.59	20.48		
1.4	QPSK	1	5	20.52	20.41	20.46	21.7	0
1.4	QPSK	3	0	20.51	20.59	20.53		
1.4	QPSK	3	1	20.27	20.42	20.29		
1.4	QPSK	3	3	20.26	20.39	20.25		
1.4	QPSK	6	0	20.46	20.51	20.44	21.7	0
1.4	16QAM	1	0	20.28	20.32	20.30		
1.4	16QAM	1	3	20.22	20.28	20.29		
1.4	16QAM	1	5	20.27	20.18	20.29	21.7	0
1.4	16QAM	3	0	20.44	20.28	20.35		
1.4	16QAM	3	1	20.33	20.42	20.48		
1.4	16QAM	3	3	20.41	20.32	20.44		
1.4	16QAM	6	0	20.25	20.54	20.38	21.7	0
1.4	64QAM	1	0	20.35	20.39	20.47		
1.4	64QAM	1	3	20.27	20.28	20.43		
1.4	64QAM	1	5	20.30	20.55	20.48	21.7	0
1.4	64QAM	3	0	19.80	20.06	20.08		
1.4	64QAM	3	1	19.77	19.99	19.81		
1.4	64QAM	3	3	19.91	19.90	19.93		
1.4	64QAM	6	0	19.96	20.16	20.07	21.7	0
1.4	256QAM	1	0	19.28	19.48	19.20		
1.4	256QAM	1	3	19.24	19.28	19.25		
1.4	256QAM	1	5	19.18	19.10	19.14	20.7	1
1.4	256QAM	3	0	19.30	19.40	19.34		
1.4	256QAM	3	1	19.34	19.37	19.25		
1.4	256QAM	3	3	19.22	19.45	19.19		
1.4	256QAM	6	0	19.28	19.48	19.35	20.7	1

Band 13 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.63			
10	QPSK	1	25		21.54		22.7	0
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.57			
10	QPSK	25	12		21.34		22.7	0
10	QPSK	25	25		21.36			
10	QPSK	50	0		21.36			
10	16QAM	1	0		21.30			
10	16QAM	1	25		21.29		22.7	0
10	16QAM	1	49		21.21			
10	16QAM	25	0		21.41			
10	16QAM	25	12		21.32		22.7	0
10	16QAM	25	25		21.41			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.36			
10	64QAM	1	25		21.39		22.7	0
10	64QAM	1	49		21.54			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.48		22.7	0
10	64QAM	25	25		21.45			
10	64QAM	50	0		21.49			
10	256QAM	1	0		19.51			
10	256QAM	1	25		19.42		20.7	2
10	256QAM	1	49		19.29			
10	256QAM	25	0		19.53			
10	256QAM	25	12		19.49		20.7	2
10	256QAM	25	25		19.54			
10	256QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.37	21.54	21.42		
5	QPSK	1	12	21.38	21.43	21.44	22.7	0
5	QPSK	1	24	21.34	21.34	21.38		
5	QPSK	12	0	21.21	21.41	21.22		
5	QPSK	12	7	21.32	21.26	21.26	22.7	0
5	QPSK	12	13	21.26	21.35	21.16		
5	QPSK	25	0	21.04	21.25	21.12		
5	16QAM	1	0	21.18	21.22	21.30		
5	16QAM	1	12	21.16	21.13	21.20	22.7	0
5	16QAM	1	24	21.22	21.22	21.23		
5	16QAM	12	0	21.33	21.31	21.21		
5	16QAM	12	7	21.33	21.23	21.35	22.7	0
5	16QAM	12	13	21.41	21.34	21.38		
5	16QAM	25	0	21.15	21.37	21.36		
5	64QAM	1	0	21.29	21.32	21.29		
5	64QAM	1	12	21.28	21.32	21.36	22.7	0
5	64QAM	1	24	21.27	21.40	21.37		
5	64QAM	12	0	21.34	21.36	21.32		
5	64QAM	12	7	21.19	21.26	21.18	22.7	0
5	64QAM	12	13	21.22	21.47	21.40		
5	64QAM	25	0	21.38	21.32	21.40		
5	256QAM	1	0	19.42	19.37	19.43		
5	256QAM	1	12	19.30	19.34	19.36	20.7	2
5	256QAM	1	24	19.15	19.22	19.26		
5	256QAM	12	0	19.39	19.43	19.44		
5	256QAM	12	7	19.35	19.45	19.47	20.7	2
5	256QAM	12	13	19.47	19.36	19.48		
5	256QAM	25	0	19.54	19.46	19.48		

Band 17 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50	0	-50		
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	20.38	20.52	20.43		
10	QPSK	1	25	20.32	20.39	20.44	21.7	0
10	QPSK	1	49	20.28	20.32	20.31		
10	QPSK	25	0	20.17	20.35	20.20		
10	QPSK	25	12	20.20	20.31	20.22	21.7	0
10	QPSK	25	25	20.20	20.32	20.16		
10	QPSK	50	0	20.15	20.16	20.01		
10	16QAM	1	0	20.18	20.21	20.34		
10	16QAM	1	25	20.16	20.11	20.22	21.7	0
10	16QAM	1	49	20.11	20.15	20.16		
10	16QAM	25	0	20.32	20.17	20.25		
10	16QAM	25	12	20.34	20.29	20.28	21.7	0
10	16QAM	25	25	20.29	20.27	20.32		
10	16QAM	50	0	20.17	20.31	20.31		
10	64QAM	1	0	20.22	20.29	20.28		
10	64QAM	1	25	20.21	20.21	20.33	21.7	0
10	64QAM	1	49	20.34	20.35	20.35		
10	64QAM	25	0	19.77	19.96	19.98		
10	64QAM	25	12	19.65	19.87	19.82	21.7	0
10	64QAM	25	25	19.75	19.88	19.81		
10	64QAM	50	0	19.86	20.05	19.98		
10	256QAM	1	0	19.33	19.43	19.17		
10	256QAM	1	25	19.22	19.30	19.21	20.7	1
10	256QAM	1	49	19.15	19.25	19.08		
10	256QAM	25	0	19.38	19.37	19.34		
10	256QAM	25	12	19.31	19.34	19.29	20.7	1
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.44	19.40	19.34		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	20.28	20.33	20.36		
5	QPSK	1	12	20.28	20.29	20.25	21.7	0
5	QPSK	1	24	20.18	20.25	20.24		
5	QPSK	12	0	20.19	20.22	20.12		
5	QPSK	12	7	20.21	20.09	20.17	21.7	0
5	QPSK	12	13	20.11	20.12	20.06		
5	QPSK	25	0	20.02	20.19	19.92		
5	16QAM	1	0	19.98	20.08	20.25		
5	16QAM	1	12	20.06	20.13	20.18	21.7	0
5	16QAM	1	24	20.01	20.12	20.12		
5	16QAM	12	0	20.14	20.19	20.16		
5	16QAM	12	7	20.20	20.17	20.20	21.7	0
5	16QAM	12	13	20.26	20.16	20.20		
5	16QAM	25	0	20.09	20.25	20.25		
5	64QAM	1	0	20.20	20.11	20.17		
5	64QAM	1	12	20.20	20.15	20.29	21.7	0
5	64QAM	1	24	20.12	20.31	20.18		
5	64QAM	12	0	19.78	19.84	19.94		
5	64QAM	12	7	19.76	19.81	19.76	21.7	0
5	64QAM	12	13	19.71	19.79	19.71		
5	64QAM	25	0	19.82	19.99	19.84		
5	256QAM	1	0	19.17	19.25	18.99		
5	256QAM	1	12	19.15	19.28	19.07	20.7	1
5	256QAM	1	24	18.98	19.13	18.99		
5	256QAM	12	0	19.22	19.24	19.25		
5	256QAM	12	7	19.28	19.25	19.15	20.7	1
5	256QAM	12	13	19.23	19.32	19.16		
5	256QAM	25	0	19.34	19.31	19.21		

Band 26 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.10	20.26	20.09		
15	QPSK	1	37	20.22	20.14	20.16	20.7	0
15	QPSK	1	74	20.03	20.21	20.12		
15	QPSK	36	0	20.00	20.23	19.98		
15	QPSK	36	20	20.04	20.05	19.91	20.7	0
15	QPSK	36	39	20.06	20.01	20.02		
15	QPSK	75	0	19.81	19.94	19.75		
15	16QAM	1	0	19.96	20.05	19.98		
15	16QAM	1	37	20.03	19.99	19.93	20.7	0
15	16QAM	1	74	19.97	19.97	19.89		
15	16QAM	36	0	19.99	20.04	20.08		
15	16QAM	36	20	20.12	20.03	20.19	20.7	0
15	16QAM	36	39	20.01	20.05	20.04		
15	16QAM	75	0	20.00	20.17	20.11		
15	64QAM	1	0	20.06	19.96	20.03		
15	64QAM	1	37	20.02	20.03	20.17	20.7	0
15	64QAM	1	74	20.11	20.14	20.08		
15	64QAM	36	0	20.02	20.19	20.01		
15	64QAM	36	20	19.95	19.99	20.01	20.7	0
15	64QAM	36	39	20.04	20.17	20.21		
15	64QAM	75	0	20.02	20.08	20.10		
15	256QAM	1	0	20.03	20.23	20.04		
15	256QAM	1	37	19.93	20.24	20.05	20.7	0
15	256QAM	1	74	20.10	20.07	20.04		
15	256QAM	36	0	20.08	20.12	20.13		
15	256QAM	36	20	19.92	20.09	20.09	20.7	0
15	256QAM	36	39	20.04	20.06	20.08		
15	256QAM	75	0	19.96	20.15	20.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.95	20.02	19.89		
10	QPSK	1	25	20.01	19.97	19.94	20.7	0
10	QPSK	1	49	19.91	19.99	19.89		
10	QPSK	25	0	19.77	19.88	19.80		
10	QPSK	25	12	19.85	19.84	19.70	20.7	0
10	QPSK	25	25	19.76	19.80	19.79		
10	QPSK	50	0	19.62	19.73	19.57		
10	16QAM	1	0	19.78	19.81	19.85		
10	16QAM	1	25	19.67	19.66	19.79	20.7	0
10	16QAM	1	49	19.67	19.68	19.77		
10	16QAM	25	0	19.87	19.77	19.85		
10	16QAM	25	12	19.89	19.82	19.94	20.7	0
10	16QAM	25	25	19.85	19.77	19.92		
10	16QAM	50	0	19.82	19.89	19.88		
10	64QAM	1	0	19.77	19.85	19.82		
10	64QAM	1	25	19.81	19.87	19.81	20.7	0
10	64QAM	1	49	19.84	19.90	19.79		
10	64QAM	25	0	19.86	19.96	19.87		
10	64QAM	25	12	19.84	19.80	19.78	20.7	0
10	64QAM	25	25	19.70	19.98	19.98		
10	64QAM	50	0	19.77	19.84	19.96		
10	256QAM	1	0	19.86	19.93	19.87		
10	256QAM	1	25	19.69	19.99	19.75	20.7	0
10	256QAM	1	49	19.92	19.93	19.78		
10	256QAM	25	0	19.78	19.98	19.88		
10	256QAM	25	12	19.77	19.81	19.91	20.7	0
10	256QAM	25	25	19.83	19.81	19.96		
10	256QAM	50	0	19.78	19.84	19.88		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.90	19.99	19.94		
5	QPSK	1	12	19.95	19.92	19.99	20.7	0
5	QPSK	1	24	19.92	19.97	19.93		
5	QPSK	12	0	19.79	19.87	19.77		
5	QPSK	12	7	19.83	19.87	19.71	20.7	0
5	QPSK	12	13	19.72	19.80	19.75		
5	QPSK	25	0	19.55	19.77	19.54		
5	16QAM	1	0	19.67	19.80	19.87		
5	16QAM	1	12	19.78	19.68	19.79	20.7	0
5	16QAM	1	24	19.75	19.68	19.68		
5	16QAM	12	0	19.80	19.83	19.82		
5	16QAM	12	7	19.92	19.86	19.96	20.7	0
5	16QAM	12	13	19.81	19.88	19.86		
5	16QAM	25	0	19.78	19.90	19.86		
5	64QAM	1	0	19.75	19.89	19.89		
5	64QAM	1	12	19.78	19.84	19.96	20.7	0
5	64QAM	1	24	19.86	19.89	19.80		
5	64QAM	12	0	19.79	19.86	19.80		
5	64QAM	12	7	19.74	19.78	19.84	20.7	0
5	64QAM	12	13	19.71	19.86	19.87		
5	64QAM	25	0	19.90	19.85	19.93		
5	256QAM	1	0	19.79	19.96	19.87		
5	256QAM	1	12	19.74	20.04	19.88	20.7	0
5	256QAM	1	24	19.93	19.79	19.89		
5	256QAM	12	0	19.90	19.95	19.83		
5	256QAM	12	7	19.71	19.92	19.89	20.7	0
5	256QAM	12	13	19.79	19.91	19.90		
5	256QAM	25	0	19.87	19.82	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.96	20.01	20.01		
3	QPSK	1	8	19.91	19.89	19.97	20.7	0
3	QPSK	1	14	19.93	19.98	19.91		
3	QPSK	8	0	19.68	19.89	19.82		
3	QPSK	8	4	19.87	19.81	19.68	20.7	0
3	QPSK	8	7	19.72	19.87	19.70		
3	QPSK	15	0	19.58	19.75	19.58		
3	16QAM	1	0	19.71	19.79	19.86		
3	16QAM	1	8	19.80	19.68	19.86	20.7	0
3	16QAM	1	14	19.74	19.76	19.77		
3	16QAM	8	0	19.80	19.75	19.81		
3	16QAM	8	4	19.87	19.76	19.94	20.7	0
3	16QAM	8	7	19.93	19.84	19.92		
3	16QAM	15	0	19.77	20.00	19.79		
3	64QAM	1	0	19.89	19.74	19.96		
3	64QAM	1	8	19.86	19.81	19.81	20.7	0
3	64QAM	1	14	19.80	19.96	19.87		
3	64QAM	8	0	19.94	19.85	19.86		
3	64QAM	8	4	19.81	19.81	19.76	20.7	0
3	64QAM	8	7	19.70	19.95	19.90		
3	64QAM	15	0	19.91	19.83	19.84		
3	256QAM	1	0	19.85	20.00	19.79		
3	256QAM	1	8	19.75	19.98	19.81	20.7	0
3	256QAM	1	14	19.91	19.94	19.93		
3	256QAM	8	0	19.76	19.96	19.91		
3	256QAM	8	4	19.80	19.85	19.85	20.7	0
3	256QAM	8	7	19.75	19.84	19.85		
3	256QAM	15	0	19.81	19.91	19.85		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.93	19.96	19.92		
1.4	QPSK	1	3	19.92	19.93	20.00		
1.4	QPSK	1	5	19.92	19.94	19.81	20.7	0
1.4	QPSK	3	0	19.71	19.95	19.83		
1.4	QPSK	3	1	19.86	19.80	19.82		
1.4	QPSK	3	3	19.79	19.80	19.71		
1.4	QPSK	6	0	19.69	19.74	19.54	20.7	0
1.4	16QAM	1	0	19.73	19.74	19.84		
1.4	16QAM	1	3	19.68	19.71	19.74		
1.4	16QAM	1	5	19.72	19.64	19.67	20.7	0
1.4	16QAM	3	0	19.76	19.86	19.71		
1.4	16QAM	3	1	19.97	19.76	19.98		
1.4	16QAM	3	3	19.95	19.77	19.91		
1.4	16QAM	6	0	19.76	19.85	19.82	20.7	0
1.4	64QAM	1	0	19.78	19.76	19.83		
1.4	64QAM	1	3	19.75	19.78	19.88		
1.4	64QAM	1	5	19.77	20.00	19.93	20.7	0
1.4	64QAM	3	0	19.88	19.91	19.82		
1.4	64QAM	3	1	19.74	19.79	19.78		
1.4	64QAM	3	3	19.83	19.85	19.99		
1.4	64QAM	6	0	19.84	19.91	19.84	20.7	0
1.4	256QAM	1	0	19.77	19.90	19.90		
1.4	256QAM	1	3	19.67	20.00	19.85	20.7	0
1.4	256QAM	1	5	19.81	19.84	19.89		
1.4	256QAM	3	0	19.89	19.98	19.92		
1.4	256QAM	3	1	19.66	19.84	19.78		
1.4	256QAM	3	3	19.86	19.79	19.88		
1.4	256QAM	6	0	19.73	19.86	19.92	20.7	0

Band 71 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.18	21.43	21.33		
20	QPSK	1	49	21.30	21.24	21.21	22.5	0
20	QPSK	1	99	21.24	21.27	21.21		
20	QPSK	50	0	21.17	21.33	21.18		
20	QPSK	50	24	21.20	21.17	21.12	22.5	0
20	QPSK	50	50	21.04	21.21	21.11		
20	QPSK	100	0	20.94	21.12	20.85		
20	16QAM	1	0	21.08	21.15	21.13		
20	16QAM	1	49	21.14	21.05	21.17	22.5	0
20	16QAM	1	99	21.08	21.08	21.00		
20	16QAM	50	0	21.12	21.12	21.07		
20	16QAM	50	24	21.21	21.14	21.23	22.5	0
20	16QAM	50	50	21.26	21.14	21.26		
20	16QAM	100	0	21.00	21.24	21.18		
20	64QAM	1	0	21.09	21.17	21.20		
20	64QAM	1	49	21.14	21.20	21.17	22.5	0
20	64QAM	1	99	21.21	21.25	21.20		
20	64QAM	50	0	21.07	21.27	21.29		
20	64QAM	50	24	21.03	21.23	21.08	22.5	0
20	64QAM	50	50	21.13	21.19	21.16		
20	64QAM	100	0	21.16	21.38	21.33		
20	256QAM	1	0	19.09	19.24	18.95		
20	256QAM	1	49	19.05	19.14	19.02	20.5	2
20	256QAM	1	99	19.03	18.99	18.95		
20	256QAM	50	0	19.15	19.19	19.15		
20	256QAM	50	24	19.15	19.14	19.10	20.5	2
20	256QAM	50	50	19.16	19.26	19.02		
20	256QAM	100	0	19.16	19.31	19.16		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.20	21.30	21.13		
15	QPSK	1	37	21.17	21.16	21.20	22.5	0
15	QPSK	1	74	21.08	21.09	21.13		
15	QPSK	36	0	20.95	21.15	21.04		
15	QPSK	36	20	20.94	21.06	20.96	22.5	0
15	QPSK	36	39	20.98	21.08	21.03		
15	QPSK	75	0	20.84	20.96	20.78		
15	16QAM	1	0	20.92	20.95	21.03		
15	16QAM	1	37	20.93	20.96	21.04	22.5	0
15	16QAM	1	74	21.00	21.00	20.95		
15	16QAM	36	0	21.05	21.08	21.03		
15	16QAM	36	20	21.09	21.09	21.21	22.5	0
15	16QAM	36	39	21.10	20.99	21.15		
15	16QAM	75	0	21.02	21.11	21.08		
15	64QAM	1	0	21.02	21.00	21.17		
15	64QAM	1	37	21.04	21.09	21.18	22.5	0
15	64QAM	1	74	21.07	21.26	21.05		
15	64QAM	36	0	21.00	21.16	21.13		
15	64QAM	36	20	20.97	21.18	20.92	22.5	0
15	64QAM	36	39	21.08	21.06	21.07		
15	64QAM	75	0	21.02	21.26	21.17		
15	256QAM	1	0	18.94	19.16	18.77		
15	256QAM	1	37	18.95	19.08	18.86	20.5	2
15	256QAM	1	74	19.00	18.95	18.92		
15	256QAM	36	0	19.08	19.11	19.06		
15	256QAM	36	20	19.01	19.04	19.05	20.5	2
15	256QAM	36	39	19.11	19.18	18.97		
15	256QAM	75	0	19.10	19.24	19.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.09	21.19	21.20		
10	QPSK	1	25	21.25	21.20	21.09	22.5	0
10	QPSK	1	49	21.12	21.16	21.14		
10	QPSK	25	0	21.01	21.21	21.12		
10	QPSK	25	12	20.99	21.06	21.03	22.5	0
10	QPSK	25	25	21.07	21.08	20.96		
10	QPSK	50	0	20.85	21.06	20.89		
10	16QAM	1	0	20.91	21.02	20.99		
10	16QAM	1	25	20.89	20.95	21.07	22.5	0
10	16QAM	1	49	20.87	20.86	20.94		
10	16QAM	25	0	21.14	21.04	21.06		
10	16QAM	25	12	21.08	21.09	21.09	22.5	0
10	16QAM	25	25	21.15	21.01	21.05		
10	16QAM	50	0	21.05	21.23	21.07		
10	64QAM	1	0	21.10	21.03	21.17		
10	64QAM	1	25	21.08	21.03	21.12	22.5	0
10	64QAM	1	49	21.00	21.23	21.04		
10	64QAM	25	0	21.00	21.17	21.23		
10	64QAM	25	12	20.94	21.13	21.03	22.5	0
10	64QAM	25	25	21.07	21.15	21.01		
10	64QAM	50	0	20.99	21.31	21.19		
10	256QAM	1	0	18.96	19.13	18.81		
10	256QAM	1	25	18.98	18.96	18.95	20.5	2
10	256QAM	1	49	18.97	18.82	18.82		
10	256QAM	25	0	19.03	19.14	18.99		
10	256QAM	25	12	19.03	19.01	18.99	20.5	2
10	256QAM	25	25	19.06	19.15	18.91		
10	256QAM	50	0	18.99	19.19	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.07	21.21	21.14		
5	QPSK	1	12	21.24	21.27	21.26	22.5	0
5	QPSK	1	24	21.14	21.14	21.02		
5	QPSK	12	0	21.05	21.20	21.06		
5	QPSK	12	7	20.95	21.00	20.92	22.5	0
5	QPSK	12	13	20.95	21.11	20.97		
5	QPSK	25	0	20.79	21.07	20.85		
5	16QAM	1	0	20.87	21.04	21.13		
5	16QAM	1	12	20.96	21.03	20.94	22.5	0
5	16QAM	1	24	21.02	20.92	20.94		
5	16QAM	12	0	21.04	21.04	21.08		
5	16QAM	12	7	21.11	21.06	21.14	22.5	0
5	16QAM	12	13	21.14	20.96	21.16		
5	16QAM	25	0	20.91	21.16	21.04		
5	64QAM	1	0	21.08	21.05	21.09		
5	64QAM	1	12	21.10	21.06	21.06	22.5	0
5	64QAM	1	24	20.99	21.11	21.07		
5	64QAM	12	0	21.03	21.10	21.23		
5	64QAM	12	7	20.85	21.15	20.96	22.5	0
5	64QAM	12	13	21.07	21.05	21.03		
5	64QAM	25	0	21.05	21.33	21.30		
5	256QAM	1	0	19.02	19.10	18.91		
5	256QAM	1	12	18.99	19.03	18.91	20.5	2
5	256QAM	1	24	18.96	18.82	18.87		
5	256QAM	12	0	19.04	19.02	19.07		
5	256QAM	12	7	19.09	19.04	18.92	20.5	2
5	256QAM	12	13	19.01	19.17	18.87		
5	256QAM	25	0	19.13	19.20	19.14		

GSM1900 EC3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.12	26.29	26.16	27.50	17.12	17.29	17.16	18.50
GPRS 1 Tx slot	26.11	26.27	26.15	27.50	17.11	17.27	17.15	18.50
GPRS 2 Tx slots	23.40	23.39	23.24	24.50	17.40	17.39	17.24	18.50
GPRS 3 Tx slots	21.45	21.43	21.47	22.70	17.19	17.17	17.21	18.44
GPRS 4 Tx slots	20.11	20.18	20.13	21.50	17.11	17.18	17.13	18.50
EDGE 1 Tx slot	26.03	26.03	26.11	27.50	17.03	17.03	17.11	18.50
EDGE 2 Tx slots	23.54	23.71	23.78	24.50	17.54	17.71	17.78	18.50
EDGE 3 Tx slots	20.87	21.09	21.33	22.70	16.61	16.83	17.07	18.44
EDGE 4 Tx slots	20.11	20.27	20.19	21.50	17.11	17.27	17.19	18.50

WCDMA II EC3 WCDMA IV EC3

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.81	17.85	17.74	19.00	17.27	17.30	17.24	18.50
3GPP Rel 99	RMC 12.2Kbps	17.83	17.87	17.85	19.00	17.29	17.32	17.25	18.50
3GPP Rel 6	HSDPA Subtest-1	16.77	17.01	16.95	18.00	16.10	16.37	16.27	17.50
3GPP Rel 6	HSDPA Subtest-2	16.95	16.85	16.49	17.00	16.34	16.19	16.17	17.50
3GPP Rel 6	HSDPA Subtest-3	16.17	16.26	16.40	16.50	15.91	15.72	15.89	17.00
3GPP Rel 6	HSDPA Subtest-4	16.35	16.38	16.39	16.50	15.93	15.85	15.76	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.71	17.02	16.78	18.00	16.22	16.27	16.27	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.83	16.79	16.55	17.00	16.20	16.12	16.03	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.14	16.41	16.37	16.50	15.58	15.89	15.69	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.15	16.15	16.29	16.50	15.62	15.65	15.69	17.00
3GPP Rel 6	HSUPA Subtest-1	16.56	16.45	16.71	18.00	16.08	16.15	16.44	17.50
3GPP Rel 6	HSUPA Subtest-2	15.01	15.03	15.02	16.00	14.51	14.58	14.52	15.50
3GPP Rel 6	HSUPA Subtest-3	15.90	16.00	15.96	17.00	15.36	15.49	15.31	16.50
3GPP Rel 6	HSUPA Subtest-4	15.02	15.08	15.01	16.00	14.51	14.59	14.56	15.50
3GPP Rel 6	HSUPA Subtest-5	16.64	16.72	16.70	18.00	16.12	16.46	16.40	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.39	14.41	14.50	14.50	13.84	13.81	13.66	15.00

Band 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.69	18.85	18.62	19.5	0
20	QPSK	1	49	18.72	18.66	18.64		
20	QPSK	1	99	18.70	18.63	18.63		
20	QPSK	50	0	18.49	18.65	18.61	19.5	0
20	QPSK	50	24	18.59	18.55	18.51		
20	QPSK	50	50	18.43	18.58	18.47		
20	QPSK	100	0	18.41	18.58	18.28		
20	16QAM	1	0	18.46	18.49	18.55	19.5	0
20	16QAM	1	49	18.49	18.42	18.56		
20	16QAM	1	99	18.40	18.44	18.49		
20	16QAM	50	0	18.52	18.53	18.57	19.5	0
20	16QAM	50	24	18.64	18.47	18.62		
20	16QAM	50	50	18.59	18.61	18.54		
20	16QAM	100	0	18.45	18.62	18.58		
20	64QAM	1	0	18.58	18.48	18.57	19.5	0
20	64QAM	1	49	18.57	18.58	18.62		
20	64QAM	1	99	18.61	18.75	18.56		
20	64QAM	50	0	18.57	18.61	18.53	19.5	0
20	64QAM	50	24	18.52	18.61	18.50		
20	64QAM	50	50	18.46	18.72	18.70		
20	64QAM	100	0	18.57	18.69	18.61		
20	256QAM	1	0	18.47	18.66	18.54	19.5	0
20	256QAM	1	49	18.54	18.77	18.51		
20	256QAM	1	99	18.62	18.62	18.59		
20	256QAM	50	0	18.53	18.59	18.63	19.5	0
20	256QAM	50	24	18.54	18.65	18.54		
20	256QAM	50	50	18.57	18.65	18.70		
20	256QAM	100	0	18.52	18.57	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.42	18.21	19.5	0
15	QPSK	1	37	18.34	18.38	18.27		
15	QPSK	1	74	18.30	18.19	18.14		
15	QPSK	36	0	18.13	18.29	18.20	19.5	0
15	QPSK	36	20	18.06	18.19	18.04		
15	QPSK	36	39	18.08	18.22	18.04		
15	QPSK	75	0	18.02	18.08	17.90		
15	16QAM	1	0	17.99	18.10	18.22	19.5	0
15	16QAM	1	37	18.16	18.05	18.12		
15	16QAM	1	74	18.08	18.07	18.13		
15	16QAM	36	0	18.18	18.17	18.16	19.5	0
15	16QAM	36	20	18.23	18.11	18.32		
15	16QAM	36	39	18.19	18.14	18.22		
15	16QAM	75	0	18.11	18.28	18.15		
15	64QAM	1	0	18.09	18.20	18.22	19.5	0
15	64QAM	1	37	18.09	18.13	18.28		
15	64QAM	1	74	18.23	18.24	18.23		
15	64QAM	36	0	18.22	18.28	18.22	19.5	0
15	64QAM	36	20	18.06	18.17	18.19		
15	64QAM	36	39	18.09	18.31	18.23		
15	64QAM	75	0	18.23	18.24	18.25		
15	256QAM	1	0	18.19	18.25	18.21	19.5	0
15	256QAM	1	37	18.03	18.29	18.19		
15	256QAM	1	74	18.29	18.26	18.13		
15	256QAM	36	0	18.23	18.24	18.25	19.5	0
15	256QAM	36	20	18.01	18.24	18.26		
15	256QAM	36	39	18.20	18.17	18.21		
15	256QAM	75	0	18.06	18.19	18.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.16	18.39	18.26	19.5	0
10	QPSK	1	25	18.25	18.27	18.29		
10	QPSK	1	49	18.29	18.19	18.18		
10	QPSK	25	0	18.16	18.31	18.20	19.5	0
10	QPSK	25	12	18.19	18.13	18.07		
10	QPSK	25	25	18.04	18.21	18.04		
10	QPSK	50	0	17.89	18.16	17.90		
10	16QAM	1	0	18.09	18.08	18.12	19.5	0
10	16QAM	1	25	18.05	18.09	18.15		
10	16QAM	1	49	18.07	18.07	18.04		
10	16QAM	25	0	18.11	18.07	18.12	19.5	0
10	16QAM	25	12	18.15	18.12	18.23		
10	16QAM	25	25	18.15	18.16	18.21		
10	16QAM	50	0	18.14	18.33	18.16		
10	64QAM	1	0	18.17	18.22	18.22	19.5	0
10	64QAM	1	25	18.11	18.12	18.25		
10	64QAM	1	49	18.23	18.29	18.17		
10	64QAM	25	0	18.24	18.22	18.15	19.5	0
10	64QAM	25	12	18.17	18.26	18.09		
10	64QAM	25	25	18.11	18.33	18.24		
10	64QAM	50	0	18.16	18.26	18.23		
10	256QAM	1	0	18.19	18.32	18.15	19.5	0
10	256QAM	1	25	18.03	18.26	18.24		
10	256QAM	1	49	18.26	18.15	18.17		
10	256QAM	25	0	18.24	18.29	18.17	19.5	0
10	256QAM	25	12	18.05	18.28	18.27		
10	256QAM	25	25	18.19	18.16	18.23		
10	256QAM	50	0	18.17	18.19	18.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.28	18.35	18.26	19.5	0
5	QPSK	1	12	18.30	18.28	18.35		
5	QPSK	1	24	18.20	18.26	18.23		
5	QPSK	12	0	18.09	18.27	18.08	19.5	0
5	QPSK	12	7	18.12	18.20	18.05		
5	QPSK	12	13	18.07	18.16	18.10		
5	QPSK	25	0	17.96	18.19	17.89		
5	16QAM	1	0	17.97	18.11	18.12	19.5	0
5	16QAM	1	12	18.08	18.09	18.17		
5	16QAM	1	24	18.06	18.02	18.13		
5	16QAM	12	0	18.20	18.05	18.12	19.5	0
5	16QAM	12	7	18.17	18.21	18.23		
5	16QAM	12	13	18.21	18.09	18.20		
5	16QAM	25	0	18.14	18.23	18.24		
5	64QAM	1	0	18.22	18.09	18.29	19.5	0
5	64QAM	1	12	18.06	18.08	18.25		
5	64QAM	1	24	18.25	18.28	18.20		
5	64QAM	12	0	18.13	18.22	18.09	19.5	0
5	64QAM	12	7	18.05	18.17	18.09		
5	64QAM	12	13	18.15	18.21	18.30		
5	64QAM	25	0	18.15	18.21	18.31		
5	256QAM	1	0	18.14	18.25	18.10	19.5	0
5	256QAM	1	12	18.00	18.33	18.14		
5	256QAM	1	24	18.21	18.14	18.19		
5	256QAM	12	0	18.18	18.31	18.19	19.5	0
5	256QAM	12	7	18.03	18.20	18.28		
5	256QAM	12	13	18.20	18.24	18.15		
5	256QAM	25	0	18.10	18.26	18.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.42	18.24	19.5	0
3	QPSK	1	8	18.27	18.37	18.26		
3	QPSK	1	14	18.26	18.22	18.21		
3	QPSK	8	0	18.15	18.24	18.16	19.5	0
3	QPSK	8	4	18.12	18.18	18.08		
3	QPSK	8	7	18.09	18.14	18.07		
3	QPSK	15	0	18.04	18.20	17.88		
3	16QAM	1	0	18.12	18.10	18.23	19.5	0
3	16QAM	1	8	18.12	18.08	18.06		
3	16QAM	1	14	17.97	18.00	18.15		
3	16QAM	8	0	18.23	18.07	18.16	19.5	0
3	16QAM	8	4	18.18	18.11	18.23		
3	16QAM	8	7	18.28	18.19	18.26		
3	16QAM	15	0	18.16	18.28	18.28		
3	64QAM	1	0	18.19	18.18	18.23	19.5	0
3	64QAM	1	8	18.18	18.11	18.21		
3	64QAM	1	14	18.09	18.28	18.12		
3	64QAM	8	0	18.26	18.25	18.11	19.5	0
3	64QAM	8	4	18.16	18.18	18.06		
3	64QAM	8	7	18.11	18.26	18.20		
3	64QAM	15	0	18.15	18.29	18.29		
3	256QAM	1	0	18.18	18.25	18.17	19.5	0
3	256QAM	1	8	18.08	18.34	18.11		
3	256QAM	1	14	18.24	18.13	18.23		
3	256QAM	8	0	18.09	18.20	18.18	19.5	0
3	256QAM	8	4	18.04	18.18	18.22		
3	256QAM	8	7	18.19	18.27	18.31		
3	256QAM	15	0	18.05	18.21	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.32	18.32	18.27	19.5	0
1.4	QPSK	1	3	18.34	18.37	18.21		
1.4	QPSK	1	5	18.26	18.20	18.17		
1.4	QPSK	3	0	18.15	18.24	18.11		
1.4	QPSK	3	1	18.19	18.12	18.03		
1.4	QPSK	3	3	18.04	18.11	18.10		
1.4	QPSK	6	0	17.93	18.05	17.87	19.5	0
1.4	16QAM	1	0	18.04	18.19	18.19	19.5	0
1.4	16QAM	1	3	18.07	17.99	18.16		
1.4	16QAM	1	5	18.04	18.10	18.13		
1.4	16QAM	3	0	18.21	18.08	18.05		
1.4	16QAM	3	1	18.24	18.14	18.18		
1.4	16QAM	3	3	18.15	18.10	18.15		
1.4	16QAM	6	0	18.08	18.21	18.24	19.5	0
1.4	64QAM	1	0	18.21	18.13	18.25	19.5	0
1.4	64QAM	1	3	18.07	18.12	18.26		
1.4	64QAM	1	5	18.20	18.21	18.20		
1.4	64QAM	3	0	18.27	18.19	18.11		
1.4	64QAM	3	1	18.14	18.17	18.18		
1.4	64QAM	3	3	18.05	18.27	18.31		
1.4	64QAM	6	0	18.20	18.18	18.28	19.5	0
1.4	256QAM	1	0	18.17	18.24	18.13	19.5	0
1.4	256QAM	1	3	18.09	18.35	18.12		
1.4	256QAM	1	5	18.20	18.25	18.25		
1.4	256QAM	3	0	18.12	18.32	18.25		
1.4	256QAM	3	1	18.07	18.15	18.25		
1.4	256QAM	3	3	18.17	18.13	18.17		
1.4	256QAM	6	0	18.07	18.25	18.25	19.5	0

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.65	18.79	18.63	19.2	0
20	QPSK	1	49	18.71	18.74	18.64		
20	QPSK	1	99	18.61	18.71	18.66		
20	QPSK	50	0	18.43	18.69	18.60	19.2	0
20	QPSK	50	24	18.58	18.50	18.54		
20	QPSK	50	50	18.54	18.61	18.38		
20	QPSK	100	0	18.42	18.53	18.28		
20	16QAM	1	0	18.46	18.43	18.49	19.2	0
20	16QAM	1	49	18.48	18.52	18.52		
20	16QAM	1	99	18.37	18.43	18.44		
20	16QAM	50	0	18.52	18.46	18.56	19.2	0
20	16QAM	50	24	18.62	18.54	18.65		
20	16QAM	50	50	18.66	18.59	18.55		
20	16QAM	100	0	18.44	18.72	18.52		
20	64QAM	1	0	18.60	18.52	18.63	19.2	0
20	64QAM	1	49	18.57	18.57	18.66		
20	64QAM	1	99	18.48	18.71	18.52		
20	64QAM	50	0	18.59	18.56	18.53	19.2	0
20	64QAM	50	24	18.58	18.58	18.48		
20	64QAM	50	50	18.51	18.61	18.67		
20	64QAM	100	0	18.54	18.65	18.54		
20	256QAM	1	0	18.53	18.70	18.61	19.2	0
20	256QAM	1	49	18.40	18.77	18.57		
20	256QAM	1	99	18.64	18.64	18.64		
20	256QAM	50	0	18.59	18.71	18.49	19.2	0
20	256QAM	50	24	18.42	18.59	18.62		
20	256QAM	50	50	18.54	18.52	18.65		
20	256QAM	100	0	18.47	18.59	18.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.63	18.55	19.2	0
15	QPSK	1	37	18.63	18.60	18.60		
15	QPSK	1	74	18.51	18.59	18.48		
15	QPSK	36	0	18.36	18.55	18.41	19.2	0
15	QPSK	36	20	18.48	18.37	18.43		
15	QPSK	36	39	18.46	18.41	18.27		
15	QPSK	75	0	18.22	18.44	18.18		
15	16QAM	1	0	18.38	18.34	18.48	19.2	0
15	16QAM	1	37	18.32	18.34	18.44		
15	16QAM	1	74	18.30	18.37	18.37		
15	16QAM	36	0	18.51	18.35	18.37	19.2	0
15	16QAM	36	20	18.44	18.43	18.49		
15	16QAM	36	39	18.47	18.45	18.46		
15	16QAM	75	0	18.35	18.58	18.45		
15	64QAM	1	0	18.50	18.46	18.54	19.2	0
15	64QAM	1	37	18.35	18.36	18.49		
15	64QAM	1	74	18.48	18.49	18.46		
15	64QAM	36	0	18.47	18.58	18.48	19.2	0
15	64QAM	36	20	18.35	18.40	18.35		
15	64QAM	36	39	18.36	18.47	18.55		
15	64QAM	75	0	18.41	18.46	18.45		
15	256QAM	1	0	18.44	18.56	18.38	19.2	0
15	256QAM	1	37	18.39	18.67	18.47		
15	256QAM	1	74	18.44	18.43	18.41		
15	256QAM	36	0	18.48	18.53	18.43	19.2	0
15	256QAM	36	20	18.41	18.42	18.53		
15	256QAM	36	39	18.49	18.48	18.58		
15	256QAM	75	0	18.33	18.47	18.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.48	18.68	18.56	19.2	0
10	QPSK	1	25	18.50	18.63	18.63		
10	QPSK	1	49	18.46	18.46	18.54		
10	QPSK	25	0	18.34	18.48	18.35	19.2	0
10	QPSK	25	12	18.35	18.43	18.34		
10	QPSK	25	25	18.42	18.47	18.30		
10	QPSK	50	0	18.22	18.43	18.28		
10	16QAM	1	0	18.33	18.41	18.44	19.2	0
10	16QAM	1	25	18.39	18.38	18.42		
10	16QAM	1	49	18.32	18.39	18.32		
10	16QAM	25	0	18.45	18.45	18.36	19.2	0
10	16QAM	25	12	18.50	18.41	18.52		
10	16QAM	25	25	18.47	18.40	18.48		
10	16QAM	50	0	18.34	18.47	18.52		
10	64QAM	1	0	18.48	18.46	18.44	19.2	0
10	64QAM	1	25	18.34	18.36	18.51		
10	64QAM	1	49	18.51	18.57	18.55		
10	64QAM	25	0	18.55	18.51	18.41	19.2	0
10	64QAM	25	12	18.46	18.40	18.35		
10	64QAM	25	25	18.33	18.56	18.49		
10	64QAM	50	0	18.50	18.56	18.54		
10	256QAM	1	0	18.49	18.57	18.46	19.2	0
10	256QAM	1	25	18.28	18.59	18.41		
10	256QAM	1	49	18.59	18.48	18.51		
10	256QAM	25	0	18.50	18.52	18.48	19.2	0
10	256QAM	25	12	18.37	18.56	18.43		
10	256QAM	25	25	18.43	18.49	18.48		
10	256QAM	50	0	18.43	18.44	18.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.47	18.63	18.58	19.2	0
5	QPSK	1	12	18.56	18.62	18.63		
5	QPSK	1	24	18.47	18.59	18.54		
5	QPSK	12	0	18.36	18.53	18.37	19.2	0
5	QPSK	12	7	18.39	18.37	18.42		
5	QPSK	12	13	18.43	18.43	18.31		
5	QPSK	25	0	18.23	18.35	18.24		
5	16QAM	1	0	18.27	18.35	18.46	19.2	0
5	16QAM	1	12	18.44	18.30	18.33		
5	16QAM	1	24	18.26	18.36	18.32		
5	16QAM	12	0	18.45	18.37	18.43	19.2	0
5	16QAM	12	7	18.51	18.49	18.49		
5	16QAM	12	13	18.42	18.47	18.48		
5	16QAM	25	0	18.33	18.49	18.54		
5	64QAM	1	0	18.48	18.50	18.56	19.2	0
5	64QAM	1	12	18.41	18.49	18.46		
5	64QAM	1	24	18.41	18.55	18.47		
5	64QAM	12	0	18.43	18.44	18.43	19.2	0
5	64QAM	12	7	18.42	18.48	18.38		
5	64QAM	12	13	18.41	18.47	18.56		
5	64QAM	25	0	18.48	18.46	18.44		
5	256QAM	1	0	18.38	18.51	18.48	19.2	0
5	256QAM	1	12	18.34	18.70	18.50		
5	256QAM	1	24	18.50	18.43	18.50		
5	256QAM	12	0	18.39	18.63	18.46	19.2	0
5	256QAM	12	7	18.39	18.50	18.55		
5	256QAM	12	13	18.48	18.41	18.52		
5	256QAM	25	0	18.43	18.55	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.44	18.63	18.63	19.2	0
3	QPSK	1	8	18.62	18.60	18.60		
3	QPSK	1	14	18.57	18.60	18.43		
3	QPSK	8	0	18.43	18.55	18.48	19.2	0
3	QPSK	8	4	18.43	18.45	18.38		
3	QPSK	8	7	18.41	18.49	18.39		
3	QPSK	15	0	18.29	18.35	18.19		
3	16QAM	1	0	18.31	18.32	18.49	19.2	0
3	16QAM	1	8	18.39	18.38	18.39		
3	16QAM	1	14	18.41	18.28	18.38		
3	16QAM	8	0	18.40	18.39	18.38	19.2	0
3	16QAM	8	4	18.50	18.38	18.51		
3	16QAM	8	7	18.54	18.49	18.52		
3	16QAM	15	0	18.30	18.61	18.43		
3	64QAM	1	0	18.44	18.40	18.58	19.2	0
3	64QAM	1	8	18.47	18.36	18.45		
3	64QAM	1	14	18.49	18.55	18.46		
3	64QAM	8	0	18.51	18.52	18.41	19.2	0
3	64QAM	8	4	18.45	18.44	18.36		
3	64QAM	8	7	18.39	18.61	18.54		
3	64QAM	15	0	18.44	18.46	18.59		
3	256QAM	1	0	18.44	18.60	18.52	19.2	0
3	256QAM	1	8	18.28	18.57	18.37		
3	256QAM	1	14	18.44	18.42	18.46		
3	256QAM	8	0	18.43	18.60	18.48	19.2	0
3	256QAM	8	4	18.34	18.49	18.46		
3	256QAM	8	7	18.46	18.44	18.58		
3	256QAM	15	0	18.35	18.50	18.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.52	18.64	18.61	19.2	0
1.4	QPSK	1	3	18.64	18.55	18.61		
1.4	QPSK	1	5	18.43	18.58	18.44		
1.4	QPSK	3	0	18.30	18.64	18.47		
1.4	QPSK	3	1	18.40	18.46	18.44		
1.4	QPSK	3	3	18.40	18.48	18.37		
1.4	QPSK	6	0	18.17	18.42	18.26	19.2	0
1.4	16QAM	1	0	18.34	18.34	18.37	19.2	0
1.4	16QAM	1	3	18.43	18.32	18.48		
1.4	16QAM	1	5	18.31	18.27	18.33		
1.4	16QAM	3	0	18.51	18.33	18.38		
1.4	16QAM	3	1	18.41	18.39	18.59		
1.4	16QAM	3	3	18.52	18.50	18.54		
1.4	16QAM	6	0	18.41	18.58	18.53	19.2	0
1.4	64QAM	1	0	18.43	18.37	18.51	19.2	0
1.4	64QAM	1	3	18.41	18.40	18.44		
1.4	64QAM	1	5	18.41	18.49	18.44		
1.4	64QAM	3	0	18.43	18.48	18.46		
1.4	64QAM	3	1	18.37	18.43	18.41		
1.4	64QAM	3	3	18.34	18.54	18.63		
1.4	64QAM	6	0	18.50	18.46	18.47	19.2	0
1.4	256QAM	1	0	18.49	18.56	18.38	19.2	0
1.4	256QAM	1	3	18.38	18.65	18.47		
1.4	256QAM	1	5	18.59	18.44	18.39		
1.4	256QAM	3	0	18.37	18.52	18.44		
1.4	256QAM	3	1	18.37	18.49	18.42		
1.4	256QAM	3	3	18.40	18.54	18.44		
1.4	256QAM	6	0	18.34	18.52	18.54	19.2	0

Band 7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	18.28	18.49	18.38	19.2	0
20	QPSK	1	49	18.37	18.43	18.35		
20	QPSK	1	99	18.26	18.40	18.23		
20	QPSK	50	0	18.14	18.40	18.24	19.2	0
20	QPSK	50	24	18.19	18.31	18.27		
20	QPSK	50	50	18.18	18.27	18.09		
20	QPSK	100	0	18.09	18.16	18.00		
20	16QAM	1	0	18.08	18.16	18.18	19.2	0
20	16QAM	1	49	18.24	18.07	18.16		
20	16QAM	1	99	18.08	18.14	18.19		
20	16QAM	50	0	18.21	18.26	18.19	19.2	0
20	16QAM	50	24	18.36	18.23	18.35		
20	16QAM	50	50	18.38	18.18	18.30		
20	16QAM	100	0	18.16	18.29	18.30		
20	64QAM	1	0	18.26	18.24	18.29	19.2	0
20	64QAM	1	49	18.28	18.22	18.25		
20	64QAM	1	99	18.22	18.33	18.35		
20	64QAM	50	0	18.35	18.38	18.30	19.2	0
20	64QAM	50	24	18.25	18.23	18.20		
20	64QAM	50	50	18.25	18.43	18.44		
20	64QAM	100	0	18.26	18.25	18.28		
20	256QAM	1	0	18.22	18.40	18.19	19.2	0
20	256QAM	1	49	18.13	18.43	18.32		
20	256QAM	1	99	18.26	18.35	18.21		
20	256QAM	50	0	18.24	18.37	18.33	19.2	0
20	256QAM	50	24	18.15	18.33	18.24		
20	256QAM	50	50	18.25	18.35	18.37		
20	256QAM	100	0	18.24	18.29	18.32		
Channel				75	0	-75	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				7.5	0	-7.5		
15	QPSK	1	0	18.24	18.44	18.27	19.2	0
15	QPSK	1	37	18.30	18.35	18.24		
15	QPSK	1	74	18.16	18.19	18.16		
15	QPSK	36	0	18.08	18.22	18.22	19.2	0
15	QPSK	36	20	18.09	18.14	18.05		
15	QPSK	36	39	18.11	18.10	18.04		
15	QPSK	75	0	18.00	18.07	17.89		
15	16QAM	1	0	17.98	18.03	18.16	19.2	0
15	16QAM	1	37	18.11	17.98	18.14		
15	16QAM	1	74	18.04	18.05	18.15		
15	16QAM	36	0	18.10	18.08	18.09	19.2	0
15	16QAM	36	20	18.19	18.20	18.18		
15	16QAM	36	39	18.21	18.22	18.16		
15	16QAM	75	0	18.11	18.34	18.22		
15	64QAM	1	0	18.14	18.13	18.16	19.2	0
15	64QAM	1	37	18.08	18.05	18.16		
15	64QAM	1	74	18.14	18.35	18.16		
15	64QAM	36	0	18.18	18.23	18.22	19.2	0
15	64QAM	36	20	18.03	18.20	18.09		
15	64QAM	36	39	18.04	18.20	18.24		
15	64QAM	75	0	18.22	18.13	18.26		
15	256QAM	1	0	18.10	18.25	18.23	19.2	0
15	256QAM	1	37	18.13	18.26	18.18		
15	256QAM	1	74	18.30	18.14	18.12		
15	256QAM	36	0	18.18	18.29	18.26	19.2	0
15	256QAM	36	20	18.04	18.18	18.14		
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.18	18.14	18.13		
Channel				50	0	-50	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	18.30	18.40	18.24	19.2	0
10	QPSK	1	25	18.25	18.25	18.27		
10	QPSK	1	49	18.18	18.18	18.22		
10	QPSK	25	0	18.05	18.28	18.21	19.2	0
10	QPSK	25	12	18.06	18.17	18.15		
10	QPSK	25	25	18.11	18.14	18.08		
10	QPSK	50	0	17.97	18.08	18.00		
10	16QAM	1	0	18.05	18.08	18.11	19.2	0
10	16QAM	1	25	18.05	18.07	18.12		
10	16QAM	1	49	17.97	18.07	18.04		
10	16QAM	25	0	18.09	18.09	18.13	19.2	0
10	16QAM	25	12	18.16	18.17	18.24		
10	16QAM	25	25	18.18	18.07	18.13		
10	16QAM	50	0	18.02	18.21	18.22		
10	64QAM	1	0	18.16	18.21	18.19	19.2	0
10	64QAM	1	25	18.07	18.16	18.27		
10	64QAM	1	49	18.23	18.35	18.16		
10	64QAM	25	0	18.17	18.16	18.12	19.2	0
10	64QAM	25	12	18.10	18.14	18.03		
10	64QAM	25	25	18.06	18.23	18.22		
10	64QAM	50	0	18.24	18.23	18.27		
10	256QAM	1	0	18.14	18.28	18.14	19.2	0
10	256QAM	1	25	18.03	18.27	18.16		
10	256QAM	1	49	18.19	18.24	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.2	0
10	256QAM	25	12	18.13	18.27	18.26		
10	256QAM	25	25	18.15	18.24	18.27		
10	256QAM	50	0	18.06	18.21	18.21		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	18.29	18.35	18.33	19.2	0
5	QPSK	1	12	18.34	18.35	18.20		
5	QPSK	1	24	18.29	18.17	18.22		
5	QPSK	12	0	18.10	18.32	18.15	19.2	0
5	QPSK	12	7	18.15	18.08	18.16		
5	QPSK	12	13	18.04	18.12	18.02		
5	QPSK	25	0	17.93	18.14	17.90		
5	16QAM	1	0	17.98	18.07	18.23	19.2	0
5	16QAM	1	12	18.15	18.13	18.11		
5	16QAM	1	24	17.96	17.99	18.07		
5	16QAM	12	0	18.17	18.10	18.10	19.2	0
5	16QAM	12	7	18.22	18.18	18.31		
5	16QAM	12	13	18.23	18.07	18.11		
5	16QAM	25	0	18.06	18.24	18.20		
5	64QAM	1	0	18.19	18.12	18.26	19.2	0
5	64QAM	1	12	18.13	18.06	18.28		
5	64QAM	1	24	18.18	18.29	18.19		
5	64QAM	12	0	18.12	18.26	18.09	19.2	0
5	64QAM	12	7	18.10	18.22	18.05		
5	64QAM	12	13	18.07	18.30	18.23		
5	64QAM	25	0	18.25	18.18	18.23		
5	256QAM	1	0	18.14	18.27	18.14	19.2	0
5	256QAM	1	12	18.13	18.37	18.09		
5	256QAM	1	24	18.27	18.16	18.15		
5	256QAM	12	0	18.09	18.20	18.19	19.2	0
5	256QAM	12	7	18.07	18.20	18.13		
5	256QAM	12	13	18.07	18.16	18.20		
5	256QAM	25	0	18.18	18.15	18.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.48	18.66	18.56	19.5	0
20	QPSK	1	49	18.52	18.59	18.56		
20	QPSK	1	99	18.47	18.44	18.50		
20	QPSK	50	0	18.30	18.57	18.44		
20	QPSK	50	24	18.42	18.42	18.29		
20	QPSK	50	50	18.35	18.33	18.34		
20	QPSK	100	0	18.25	18.42	18.18		
20	16QAM	1	0	18.37	18.29	18.44		
20	16QAM	1	49	18.26	18.35	18.38	19.5	0
20	16QAM	1	99	18.35	18.24	18.33		
20	16QAM	50	0	18.46	18.42	18.37		
20	16QAM	50	24	18.46	18.33	18.54		
20	16QAM	50	50	18.37	18.42	18.41		
20	16QAM	100	0	18.37	18.54	18.46		
20	64QAM	1	0	18.37	18.42	18.42		
20	64QAM	1	49	18.43	18.45	18.46	19.5	0
20	64QAM	1	99	18.44	18.56	18.48		
20	64QAM	50	0	18.40	18.45	18.33		
20	64QAM	50	24	18.43	18.49	18.28	19.5	0
20	64QAM	50	50	18.31	18.46	18.60		
20	64QAM	100	0	18.43	18.47	18.51		
20	256QAM	1	0	18.35	18.48	18.33		
20	256QAM	1	49	18.23	18.56	18.40	19.5	0
20	256QAM	1	99	18.53	18.38	18.49		
20	256QAM	50	0	18.34	18.51	18.41		
20	256QAM	50	24	18.23	18.49	18.50	19.5	0
20	256QAM	50	50	18.44	18.41	18.53		
20	256QAM	100	0	18.42	18.51	18.46		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.36	18.48	18.44	19.5	0
15	QPSK	1	37	18.37	18.44	18.36		
15	QPSK	1	74	18.39	18.46	18.27		
15	QPSK	36	0	18.32	18.35	18.26		
15	QPSK	36	20	18.24	18.26	18.21		
15	QPSK	36	39	18.27	18.38	18.20		
15	QPSK	75	0	18.14	18.27	18.13		
15	16QAM	1	0	18.13	18.29	18.31		
15	16QAM	1	37	18.23	18.13	18.20	19.5	0
15	16QAM	1	74	18.22	18.19	18.16		
15	16QAM	36	0	18.38	18.31	18.32		
15	16QAM	36	20	18.29	18.25	18.47	19.5	0
15	16QAM	36	39	18.32	18.32	18.41		
15	16QAM	75	0	18.16	18.40	18.30		
15	64QAM	1	0	18.25	18.36	18.32		
15	64QAM	1	37	18.33	18.25	18.30	19.5	0
15	64QAM	1	74	18.39	18.45	18.27		
15	64QAM	36	0	18.32	18.33	18.23		
15	64QAM	36	20	18.33	18.37	18.21	19.5	0
15	64QAM	36	39	18.18	18.34	18.36		
15	64QAM	75	0	18.25	18.37	18.42		
15	256QAM	1	0	18.23	18.39	18.37		
15	256QAM	1	37	18.13	18.41	18.35	19.5	0
15	256QAM	1	74	18.34	18.43	18.26		
15	256QAM	36	0	18.28	18.49	18.32		
15	256QAM	36	20	18.14	18.41	18.33	19.5	0
15	256QAM	36	39	18.34	18.37	18.38		
15	256QAM	75	0	18.23	18.28	18.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.40	18.47	18.37	19.5	0
10	QPSK	1	25	18.46	18.50	18.37		
10	QPSK	1	49	18.43	18.42	18.29		
10	QPSK	25	0	18.16	18.38	18.34		
10	QPSK	25	12	18.29	18.29	18.31	19.5	0
10	QPSK	25	25	18.25	18.30	18.29		
10	QPSK	50	0	18.10	18.22	18.15		
10	16QAM	1	0	18.14	18.29	18.33		
10	16QAM	1	25	18.22	18.21	18.32	19.5	0
10	16QAM	1	49	18.14	18.20	18.20		
10	16QAM	25	0	18.31	18.25	18.22		
10	16QAM	25	12	18.40	18.27	18.43	19.5	0
10	16QAM	25	25	18.41	18.23	18.39		
10	16QAM	50	0	18.27	18.36	18.35		
10	64QAM	1	0	18.31	18.24	18.35		
10	64QAM	1	25	18.19	18.27	18.38	19.5	0
10	64QAM	1	49	18.37	18.49	18.34		
10	64QAM	25	0	18.38	18.35	18.33		
10	64QAM	25	12	18.31	18.29	18.20	19.5	0
10	64QAM	25	25	18.30	18.35	18.45		
10	64QAM	50	0	18.36	18.36	18.33		
10	256QAM	1	0	18.34	18.44	18.27		
10	256QAM	1	25	18.28	18.47	18.37	19.5	0
10	256QAM	1	49	18.32	18.37	18.34		
10	256QAM	25	0	18.27	18.39	18.31		
10	256QAM	25	12	18.27	18.40	18.29	19.5	0
10	256QAM	25	25	18.21	18.36	18.43		
10	256QAM	50	0	18.21	18.38	18.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.33	18.44	18.47	19.5	0
5	QPSK	1	12	18.49	18.41	18.40		
5	QPSK	1	24	18.30	18.40	18.43		
5	QPSK	12	0	18.28	18.47	18.37	19.5	0
5	QPSK	12	7	18.28	18.33	18.17		
5	QPSK	12	13	18.22	18.31	18.14		
5	QPSK	25	0	18.07	18.32	18.15		
5	16QAM	1	0	18.22	18.23	18.28		
5	16QAM	1	12	18.26	18.23	18.29	19.5	0
5	16QAM	1	24	18.22	18.17	18.15		
5	16QAM	12	0	18.31	18.22	18.19		
5	16QAM	12	7	18.28	18.33	18.33	19.5	0
5	16QAM	12	13	18.32	18.29	18.38		
5	16QAM	25	0	18.30	18.43	18.41		
5	64QAM	1	0	18.23	18.28	18.40		
5	64QAM	1	12	18.27	18.33	18.32	19.5	0
5	64QAM	1	24	18.32	18.48	18.27		
5	64QAM	12	0	18.39	18.39	18.29		
5	64QAM	12	7	18.26	18.27	18.30	19.5	0
5	64QAM	12	13	18.21	18.44	18.48		
5	64QAM	25	0	18.33	18.32	18.32		
5	256QAM	1	0	18.31	18.43	18.33		
5	256QAM	1	12	18.18	18.50	18.29	19.5	0
5	256QAM	1	24	18.32	18.31	18.40		
5	256QAM	12	0	18.27	18.45	18.36		
5	256QAM	12	7	18.22	18.37	18.26	19.5	0
5	256QAM	12	13	18.20	18.28	18.30		
5	256QAM	25	0	18.25	18.29	18.38		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.43	18.50	18.46	19.5	0
3	QPSK	1	8	18.45	18.38	18.38		
3	QPSK	1	14	18.31	18.33	18.43		
3	QPSK	8	0	18.25	18.36	18.34	19.5	0
3	QPSK	8	4	18.25	18.27	18.23		
3	QPSK	8	7	18.29	18.37	18.17		
3	QPSK	15	0	18.04	18.28	18.13		
3	16QAM	1	0	18.19	18.22	18.32		
3	16QAM	1	8	18.16	18.19	18.26	19.5	0
3	16QAM	1	14	18.23	18.12	18.20		
3	16QAM	8	0	18.35	18.19	18.28		
3	16QAM	8	4	18.41	18.28	18.38	19.5	0
3	16QAM	8	7	18.41	18.21	18.26		
3	16QAM	15	0	18.17	18.43	18.30		
3	64QAM	1	0	18.21	18.30	18.37		
3	64QAM	1	8	18.20	18.33	18.40	19.5	0
3	64QAM	1	14	18.32	18.37	18.32		
3	64QAM	8	0	18.34	18.37	18.30		
3	64QAM	8	4	18.33	18.26	18.25	19.5	0
3	64QAM	8	7	18.29	18.42	18.45		
3	64QAM	15	0	18.25	18.41	18.37		
3	256QAM	1	0	18.33	18.49	18.29		
3	256QAM	1	8	18.29	18.45	18.31	19.5	0
3	256QAM	1	14	18.36	18.31	18.37		
3	256QAM	8	0	18.28	18.45	18.39		
3	256QAM	8	4	18.23	18.35	18.39	19.5	0
3	256QAM	8	7	18.27	18.26	18.41		
3	256QAM	15	0	18.32	18.39	18.38		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.46	18.47	18.46	19.5	0
1.4	QPSK	1	3	18.43	18.53	18.47		
1.4	QPSK	1	5	18.32	18.36	18.33		
1.4	QPSK	3	0	18.31	18.36	18.35		
1.4	QPSK	3	1	18.23	18.23	18.21		
1.4	QPSK	3	3	18.25	18.29	18.25		
1.4	QPSK	6	0	18.10	18.28	18.03	19.5	0
1.4	16QAM	1	0	18.16	18.25	18.38	19.5	0
1.4	16QAM	1	3	18.15	18.27	18.23		
1.4	16QAM	1	5	18.19	18.20	18.21		
1.4	16QAM	3	0	18.28	18.24	18.33		
1.4	16QAM	3	1	18.31	18.22	18.41		
1.4	16QAM	3	3	18.32	18.34	18.36		
1.4	16QAM	6	0	18.30	18.34	18.29	19.5	0
1.4	64QAM	1	0	18.36	18.34	18.44	19.5	0
1.4	64QAM	1	3	18.19	18.33	18.32		
1.4	64QAM	1	5	18.37	18.43	18.38		
1.4	64QAM	3	0	18.40	18.34	18.22		
1.4	64QAM	3	1	18.28	18.31	18.17		
1.4	64QAM	3	3	18.26	18.42	18.40		
1.4	64QAM	6	0	18.30	18.33	18.44	19.5	0
1.4	256QAM	1	0	18.23	18.48	18.22	19.5	0
1.4	256QAM	1	3	18.16	18.44	18.27		
1.4	256QAM	1	5	18.33	18.29	18.41		
1.4	256QAM	3	0	18.31	18.37	18.37		
1.4	256QAM	3	1	18.18	18.31	18.27		
1.4	256QAM	3	3	18.25	18.32	18.36		
1.4	256QAM	6	0	18.23	18.31	18.26	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.49	18.59	18.48	19.2	0
20	QPSK	1	49	18.42	18.51	18.52		
20	QPSK	1	99	18.48	18.37	18.34		
20	QPSK	50	0	18.26	18.53	18.34		
20	QPSK	50	24	18.27	18.26	18.23		
20	QPSK	50	50	18.34	18.40	18.24		
20	QPSK	100	0	18.08	18.26	18.05		
20	16QAM	1	0	18.24	18.32	18.31		
20	16QAM	1	49	18.32	18.18	18.34		
20	16QAM	1	99	18.19	18.15	18.29		
20	16QAM	50	0	18.43	18.26	18.22		
20	16QAM	50	24	18.42	18.40	18.44		
20	16QAM	50	50	18.41	18.28	18.43		
20	16QAM	100	0	18.34	18.48	18.33		
20	64QAM	1	0	18.32	18.28	18.44		
20	64QAM	1	49	18.34	18.25	18.45		
20	64QAM	1	99	18.38	18.41	18.43		
20	64QAM	50	0	18.32	18.41	18.40		
20	64QAM	50	24	18.32	18.41	18.34		
20	64QAM	50	50	18.31	18.41	18.51		
20	64QAM	100	0	18.43	18.38	18.39		
20	256QAM	1	0	18.26	18.48	18.35		
20	256QAM	1	49	18.31	18.56	18.36		
20	256QAM	1	99	18.38	18.41	18.44		
20	256QAM	50	0	18.29	18.47	18.38		
20	256QAM	50	24	18.18	18.32	18.41		
20	256QAM	50	50	18.28	18.37	18.43		
20	256QAM	100	0	18.35	18.39	18.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.31	18.50	18.43	19.2	0
15	QPSK	1	37	18.33	18.33	18.38		
15	QPSK	1	74	18.39	18.41	18.21		
15	QPSK	36	0	18.12	18.43	18.24		
15	QPSK	36	20	18.22	18.20	18.25		
15	QPSK	36	39	18.20	18.31	18.17		
15	QPSK	75	0	17.98	18.25	17.95		
15	16QAM	1	0	18.20	18.14	18.29		
15	16QAM	1	37	18.14	18.15	18.22		
15	16QAM	1	74	18.18	18.11	18.11		
15	16QAM	36	0	18.31	18.24	18.20		
15	16QAM	36	20	18.34	18.18	18.26		
15	16QAM	36	39	18.24	18.18	18.24		
15	16QAM	75	0	18.22	18.36	18.29		
15	64QAM	1	0	18.17	18.25	18.38		
15	64QAM	1	37	18.22	18.24	18.38		
15	64QAM	1	74	18.26	18.42	18.30		
15	64QAM	36	0	18.20	18.32	18.25		
15	64QAM	36	20	18.21	18.26	18.19		
15	64QAM	36	39	18.16	18.32	18.39		
15	64QAM	75	0	18.32	18.23	18.33		
15	256QAM	1	0	18.17	18.38	18.21		
15	256QAM	1	37	18.20	18.47	18.24		
15	256QAM	1	74	18.30	18.31	18.33		
15	256QAM	36	0	18.27	18.41	18.23		
15	256QAM	36	20	18.12	18.23	18.25		
15	256QAM	36	39	18.29	18.36	18.38		
15	256QAM	75	0	18.16	18.28	18.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.20	18.43	18.29	19.2	0
10	QPSK	1	25	18.42	18.32	18.36		
10	QPSK	1	49	18.34	18.31	18.26		
10	QPSK	25	0	18.22	18.39	18.29		
10	QPSK	25	12	18.19	18.27	18.14		
10	QPSK	25	25	18.20	18.26	18.22		
10	QPSK	50	0	18.10	18.15	18.07		
10	16QAM	1	0	18.06	18.13	18.24		
10	16QAM	1	25	18.23	18.08	18.18		
10	16QAM	1	49	18.10	18.16	18.11		
10	16QAM	25	0	18.30	18.25	18.21		
10	16QAM	25	12	18.34	18.21	18.32		
10	16QAM	25	25	18.31	18.19	18.33		
10	16QAM	50	0	18.16	18.40	18.33		
10	64QAM	1	0	18.29	18.28	18.33		
10	64QAM	1	25	18.18	18.30	18.33		
10	64QAM	1	49	18.25	18.34	18.26		
10	64QAM	25	0	18.21	18.26	18.26		
10	64QAM	25	12	18.15	18.21	18.14		
10	64QAM	25	25	18.19	18.33	18.33		
10	64QAM	50	0	18.19	18.24	18.38		
10	256QAM	1	0	18.16	18.44	18.23		
10	256QAM	1	25	18.15	18.47	18.25		
10	256QAM	1	49	18.36	18.31	18.19		
10	256QAM	25	0	18.25	18.43	18.25		
10	256QAM	25	12	18.14	18.34	18.31		
10	256QAM	25	25	18.23	18.22	18.39		
10	256QAM	50	0	18.24	18.31	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.40	18.28	19.2	0
5	QPSK	1	12	18.29	18.44	18.35		
5	QPSK	1	24	18.37	18.37	18.26		
5	QPSK	12	0	18.11	18.38	18.20		
5	QPSK	12	7	18.14	18.24	18.16		
5	QPSK	12	13	18.17	18.24	18.14		
5	QPSK	25	0	18.07	18.23	17.98		
5	16QAM	1	0	18.13	18.27	18.23		
5	16QAM	1	12	18.09	18.15	18.28		
5	16QAM	1	24	18.18	18.16	18.22		
5	16QAM	12	0	18.33	18.27	18.13		
5	16QAM	12	7	18.31	18.16	18.36		
5	16QAM	12	13	18.23	18.20	18.24		
5	16QAM	25	0	18.24	18.38	18.31		
5	64QAM	1	0	18.22	18.15	18.38		
5	64QAM	1	12	18.19	18.19	18.30		
5	64QAM	1	24	18.33	18.38	18.26		
5	64QAM	12	0	18.24	18.30	18.25		
5	64QAM	12	7	18.26	18.26	18.17		
5	64QAM	12	13	18.11	18.36	18.34		
5	64QAM	25	0	18.25	18.24	18.37		
5	256QAM	1	0	18.24	18.33	18.27		
5	256QAM	1	12	18.13	18.50	18.20		
5	256QAM	1	24	18.29	18.36	18.23		
5	256QAM	12	0	18.22	18.28	18.33		
5	256QAM	12	7	18.17	18.34	18.22		
5	256QAM	12	13	18.24	18.20	18.33		
5	256QAM	25	0	18.24	18.29	18.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.37	18.52	18.39	19.2	0
3	QPSK	1	8	18.36	18.38	18.35		
3	QPSK	1	14	18.32	18.31	18.24		
3	QPSK	8	0	18.26	18.44	18.30		
3	QPSK	8	4	18.27	18.17	18.19		
3	QPSK	8	7	18.22	18.31	18.08		
3	QPSK	15	0	18.02	18.17	17.95		
3	16QAM	1	0	18.17	18.19	18.28		
3	16QAM	1	8	18.16	18.18	18.16		
3	16QAM	1	14	18.15	18.09	18.11		
3	16QAM	8	0	18.19	18.20	18.22		
3	16QAM	8	4	18.29	18.29	18.32		
3	16QAM	8	7	18.28	18.19	18.22		
3	16QAM	15	0	18.15	18.32	18.25		
3	64QAM	1	0	18.30	18.22	18.25		
3	64QAM	1	8	18.17	18.23	18.30		
3	64QAM	1	14	18.19	18.30	18.35		
3	64QAM	8	0	18.30	18.27	18.30		
3	64QAM	8	4	18.22	18.27	18.18		
3	64QAM	8	7	18.22	18.35	18.30		
3	64QAM	15	0	18.26	18.36	18.33		
3	256QAM	1	0	18.28	18.36	18.30		
3	256QAM	1	8	18.12	18.41	18.34		
3	256QAM	1	14	18.26	18.25	18.27		
3	256QAM	8	0	18.30	18.38	18.34		
3	256QAM	8	4	18.12	18.22	18.31		
3	256QAM	8	7	18.21	18.31	18.29		
3	256QAM	15	0	18.15	18.27	18.26		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.40	18.44	18.32	19.2	0
1.4	QPSK	1	3	18.38	18.32	18.32		
1.4	QPSK	1	5	18.26	18.41	18.32		
1.4	QPSK	3	0	18.24	18.32	18.19		
1.4	QPSK	3	1	18.14	18.24	18.15		
1.4	QPSK	3	3	18.19	18.21	18.12		
1.4	QPSK	6	0	18.01	18.15	18.04	19.2	0
1.4	16QAM	1	0	18.14	18.18	18.28	19.2	0
1.4	16QAM	1	3	18.11	18.14	18.16		
1.4	16QAM	1	5	18.06	18.09	18.20		
1.4	16QAM	3	0	18.18	18.15	18.27		
1.4	16QAM	3	1	18.28	18.23	18.32		
1.4	16QAM	3	3	18.32	18.16	18.22		
1.4	16QAM	6	0	18.10	18.40	18.32	19.2	0
1.4	64QAM	1	0	18.17	18.31	18.35	19.2	0
1.4	64QAM	1	3	18.16	18.17	18.37		
1.4	64QAM	1	5	18.29	18.35	18.25		
1.4	64QAM	3	0	18.31	18.39	18.17		
1.4	64QAM	3	1	18.23	18.33	18.16		
1.4	64QAM	3	3	18.12	18.28	18.40		
1.4	64QAM	6	0	18.32	18.24	18.33	19.2	0
1.4	256QAM	1	0	18.19	18.29	18.17	19.2	0
1.4	256QAM	1	3	18.10	18.40	18.30		
1.4	256QAM	1	5	18.29	18.29	18.23		
1.4	256QAM	3	0	18.23	18.34	18.25		
1.4	256QAM	3	1	18.08	18.37	18.34		
1.4	256QAM	3	3	18.23	18.20	18.35		
1.4	256QAM	6	0	18.28	18.27	18.31	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.90	21.09	21.00		
20	QPSK	1	49	20.99	21.07	20.94	21.7	0
20	QPSK	1	99	20.92	20.93	20.96		
20	QPSK	50	0	20.74	20.99	20.75		
20	QPSK	50	24	20.84	20.90	20.73	21.7	0
20	QPSK	50	50	20.84	20.81	20.70		
20	QPSK	100	0	20.57	20.77	20.59		
20	16QAM	1	0	20.77	20.83	20.89		
20	16QAM	1	49	20.80	20.79	20.84	21.7	0
20	16QAM	1	99	20.69	20.76	20.68		
20	16QAM	50	0	20.90	20.88	20.80		
20	16QAM	50	24	20.91	20.82	21.01	21.7	0
20	16QAM	50	50	20.91	20.84	20.91		
20	16QAM	100	0	20.70	20.94	20.95		
20	64QAM	1	0	20.84	20.80	20.92		
20	64QAM	1	49	20.88	20.88	20.97	21.7	0
20	64QAM	1	99	20.90	21.04	20.89		
20	64QAM	50	0	20.84	20.94	20.91		
20	64QAM	50	24	20.76	20.81	20.84	21.7	0
20	64QAM	50	50	20.78	20.96	21.04		
20	64QAM	100	0	20.89	20.83	20.85		
20	256QAM	1	0	20.32	20.53	20.28		
20	256QAM	1	49	20.26	20.32	20.21	20.7	1
20	256QAM	1	99	20.24	20.29	20.22		
20	256QAM	50	0	20.45	20.39	20.36		
20	256QAM	50	24	20.44	20.45	20.30	20.7	1
20	256QAM	50	50	20.35	20.48	20.35		
20	256QAM	100	0	20.46	20.55	20.38		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.61	20.69	20.65		
15	QPSK	1	37	20.57	20.60	20.63	21.7	0
15	QPSK	1	74	20.48	20.55	20.43		
15	QPSK	36	0	20.42	20.65	20.46		
15	QPSK	36	20	20.35	20.51	20.44	21.7	0
15	QPSK	36	39	20.41	20.54	20.42		
15	QPSK	75	0	20.26	20.38	20.24		
15	16QAM	1	0	20.41	20.39	20.47		
15	16QAM	1	37	20.41	20.34	20.35	21.7	0
15	16QAM	1	74	20.33	20.29	20.37		
15	16QAM	36	0	20.46	20.46	20.41		
15	16QAM	36	20	20.52	20.42	20.58	21.7	0
15	16QAM	36	39	20.47	20.50	20.46		
15	16QAM	75	0	20.45	20.58	20.58		
15	64QAM	1	0	20.40	20.51	20.56		
15	64QAM	1	37	20.49	20.40	20.47	21.7	0
15	64QAM	1	74	20.50	20.62	20.50		
15	64QAM	36	0	20.49	20.53	20.42		
15	64QAM	36	20	20.42	20.43	20.43	21.7	0
15	64QAM	36	39	20.36	20.62	20.52		
15	64QAM	75	0	20.53	20.53	20.55		
15	256QAM	1	0	19.92	20.19	19.95		
15	256QAM	1	37	19.90	19.97	19.75	20.7	1
15	256QAM	1	74	19.93	19.98	19.78		
15	256QAM	36	0	20.06	20.09	19.99		
15	256QAM	36	20	20.08	20.08	19.85	20.7	1
15	256QAM	36	39	19.95	20.16	19.92		
15	256QAM	75	0	20.14	20.23	20.06		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.53	20.64	20.58		
10	QPSK	1	25	20.52	20.63	20.59	21.7	0
10	QPSK	1	49	20.55	20.50	20.57		
10	QPSK	25	0	20.40	20.66	20.44		
10	QPSK	25	12	20.47	20.43	20.45	21.7	0
10	QPSK	25	25	20.35	20.40	20.40		
10	QPSK	50	0	20.26	20.43	20.17		
10	16QAM	1	0	20.30	20.37	20.51		
10	16QAM	1	25	20.39	20.32	20.50	21.7	0
10	16QAM	1	49	20.33	20.42	20.39		
10	16QAM	25	0	20.41	20.48	20.46		
10	16QAM	25	12	20.54	20.48	20.60	21.7	0
10	16QAM	25	25	20.57	20.39	20.55		
10	16QAM	50	0	20.37	20.57	20.59		
10	64QAM	1	0	20.42	20.40	20.48		
10	64QAM	1	25	20.35	20.52	20.47	21.7	0
10	64QAM	1	49	20.43	20.63	20.49		
10	64QAM	25	0	20.47	20.47	20.38		
10	64QAM	25	12	20.36	20.43	20.41	21.7	0
10	64QAM	25	25	20.46	20.61	20.50		
10	64QAM	50	0	20.42	20.56	20.57		
10	256QAM	1	0	19.93	20.08	19.93		
10	256QAM	1	25	19.88	19.92	19.81	20.7	1
10	256QAM	1	49	19.91	19.98	19.84		
10	256QAM	25	0	20.04	20.01	20.04		
10	256QAM	25	12	20.09	20.06	19.88	20.7	1
10	256QAM	25	25	19.97	20.03	19.94		
10	256QAM	50	0	20.11	20.22	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.55	20.70	20.59		
5	QPSK	1	12	20.57	20.63	20.63	21.7	0
5	QPSK	1	24	20.49	20.52	20.49		
5	QPSK	12	0	20.40	20.54	20.40		
5	QPSK	12	7	20.40	20.42	20.38	21.7	0
5	QPSK	12	13	20.39	20.45	20.35		
5	QPSK	25	0	20.25	20.48	20.19		
5	16QAM	1	0	20.33	20.37	20.50		
5	16QAM	1	12	20.30	20.37	20.38	21.7	0
5	16QAM	1	24	20.41	20.39	20.39		
5	16QAM	12	0	20.55	20.45	20.43		
5	16QAM	12	7	20.48	20.46	20.50	21.7	0
5	16QAM	12	13	20.54	20.37	20.50		
5	16QAM	25	0	20.36	20.61	20.57		
5	64QAM	1	0	20.40	20.46	20.51		
5	64QAM	1	12	20.36	20.38	20.58	21.7	0
5	64QAM	1	24	20.51	20.67	20.55		
5	64QAM	12	0	20.49	20.46	20.50		
5	64QAM	12	7	20.46	20.48	20.49	21.7	0
5	64QAM	12	13	20.38	20.61	20.65		
5	64QAM	25	0	20.44	20.47	20.61		
5	256QAM	1	0	19.91	20.08	19.82		
5	256QAM	1	12	19.95	19.94	19.85	20.7	1
5	256QAM	1	24	19.93	19.90	19.78		
5	256QAM	12	0	20.08	20.00	19.91		
5	256QAM	12	7	19.98	20.06	19.91	20.7	1
5	256QAM	12	13	19.96	20.02	19.94		
5	256QAM	25	0	20.05	20.15	19.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.13	21.19	21.26	21.11	21.05		
20	QPSK	1	49	21.06	21.01	21.09	21.21	21.11	21.7	0
20	QPSK	1	99	21.13	21.12	21.06	21.05	21.22		
20	QPSK	50	0	21.17	21.16	21.23	21.14	21.06		
20	QPSK	50	24	20.96	21.08	21.11	20.99	20.91	21.7	0
20	QPSK	50	50	21.04	20.90	20.92	21.16	20.93		
20	QPSK	100	0	21.09	21.02	21.19	20.99	21.06		
20	16QAM	1	0	21.02	21.10	21.09	20.91	20.91		
20	16QAM	1	49	20.96	20.88	21.00	21.06	21.00	21.7	0
20	16QAM	1	99	20.92	21.05	20.84	20.95	21.00		
20	16QAM	50	0	21.10	21.17	21.21	20.96	20.90		
20	16QAM	50	24	20.91	20.93	20.93	21.10	21.09	21.7	0
20	16QAM	50	50	21.05	21.05	20.93	21.00	21.16		
20	16QAM	100	0	21.00	21.10	21.10	21.08	20.94		
20	64QAM	1	0	20.79	20.91	20.96	20.85	20.77		
20	64QAM	1	49	21.11	21.06	20.95	21.00	21.09	21.7	0
20	64QAM	1	99	21.07	21.07	21.12	21.05	20.98		
20	64QAM	50	0	20.99	20.94	20.95	21.18	20.95		
20	64QAM	50	24	21.05	21.02	20.98	20.90	21.11	21.7	0
20	64QAM	50	50	21.01	21.01	21.19	21.08	21.01		
20	64QAM	100	0	20.95	20.85	20.99	21.15	21.03		
20	256QAM	1	0	20.01	19.96	19.91	19.97	20.13		
20	256QAM	1	49	20.09	20.12	20.19	20.01	19.90	20.7	1
20	256QAM	1	99	19.93	19.88	19.92	20.08	19.95		
20	256QAM	50	0	20.10	20.02	19.98	20.02	20.12		
20	256QAM	50	24	20.06	20.07	20.15	20.00	19.90	20.7	1
20	256QAM	50	50	19.93	19.85	19.95	20.15	20.04		
20	256QAM	100	0	20.02	19.95	20.00	19.93	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.06	21.09	21.14	20.95	20.89		
15	QPSK	1	37	20.93	20.98	21.04	21.15	20.98	22	0
15	QPSK	1	74	21.01	20.98	20.89	20.96	21.18		
15	QPSK	36	0	21.10	21.04	21.13	21.00	21.02		
15	QPSK	36	20	20.91	20.95	21.01	20.92	20.82	21.7	0
15	QPSK	36	39	20.88	20.82	20.89	21.03	20.87		
15	QPSK	75	0	21.01	20.88	21.06	20.85	20.99		
15	16QAM	1	0	20.88	21.00	20.98	20.80	20.82		
15	16QAM	1	37	20.81	20.85	20.90	21.02	20.93	21.7	0
15	16QAM	1	74	20.85	21.01	20.69	20.89	20.97		
15	16QAM	36	0	20.92	21.12	21.06	20.85	20.88		
15	16QAM	36	20	20.79	20.90	20.91	20.95	20.98	21.7	0
15	16QAM	36	39	21.01	20.87	20.78	20.97	20.99		
15	16QAM	75	0	20.92	21.00	21.00	21.06	20.87		
15	64QAM	1	0	20.72	20.83	20.85	20.69	20.60		
15	64QAM	1	37	21.08	20.99	20.92	20.93	21.05	21.7	0
15	64QAM	1	74	21.00	21.04	21.04	21.02	20.94		
15	64QAM	36	0	20.88	20.82	20.84	21.03	20.84		
15	64QAM	36	20	20.89	20.86	20.90	20.87	21.02	21.7	0
15	64QAM	36	39	20.91	20.84	21.05	20.98	20.93		
15	64QAM	75	0	20.78	20.69	20.92	21.12	20.89		
15	256QAM	1	0	19.97	19.91	19.84	19.89	19.96		
15	256QAM	1	37	19.98	19.96	20.14	19.97	19.81	20.7	1
15	256QAM	1	74	19.90	19.77	19.83	20.02	19.90		
15	256QAM	36	0	20.00	19.89	19.95	19.98	20.00		
15	256QAM	36	20	19.91	19.92	20.03	19.93	19.77	20.7	1
15	256QAM	36	39	19.83	19.76	19.79	19.98	19.94		
15	256QAM	75	0	19.86	19.79	19.90	19.91	20.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.08	21.13	21.05	21.03	20.94		
10	QPSK	1	25	20.94	20.95	20.96	21.09	21.00	22	0
10	QPSK	1	49	20.95	20.97	20.89	21.00	21.13		
10	QPSK	25	0	20.95	21.11	21.10	21.04	20.91		
10	QPSK	25	12	20.88	20.97	21.01	20.79	20.75	21.7	0
10	QPSK	25	25	20.92	20.70	20.83	21.02	20.84		
10	QPSK	50	0	20.87	20.81	21.15	20.96	21.00		
10	16QAM	1	0	20.96	20.99	20.91	20.81	20.88		
10	16QAM	1	25	20.75	20.85	20.78	20.98	20.92	21.7	0
10	16QAM	1	49	20.73	20.91	20.77	20.77	20.89		
10	16QAM	25	0	21.07	21.03	21.11	20.80	20.83		
10	16QAM	25	12	20.76	20.90	20.76	21.01	21.05	21.7	0
10	16QAM	25	25	20.85	20.88	20.90	20.85	21.05		
10	16QAM	50	0	20.79	21.07	20.91	21.00	20.86		
10	64QAM	1	0	20.66	20.84	20.76	20.66	20.73		
10	64QAM	1	25	20.90	20.88	20.89	20.88	20.94	21.7	0
10	64QAM	1	49	20.95	20.87	20.98	20.90	20.95		
10	64QAM	25	0	20.82	20.86	20.87	21.04	20.81		
10	64QAM	25	12	20.84	20.84	20.77	20.70	21.06	21.7	0
10	64QAM	25	25	20.80	20.96	21.16	20.91	20.80		
10	64QAM	50	0	20.80	20.71	20.89	21.10	21.00		
10	256QAM	1	0	19.90	19.91	19.73	19.83	20.04		
10	256QAM	1	25	19.95	19.92	20.09	19.89	19.80	20.7	1
10	256QAM	1	49	19.80	19.68	19.71	19.96	19.74		
10	256QAM	25	0	20.01	19.95	19.82	19.90	20.06		
10	256QAM	25	12	19.87	19.92	20.00	19.90	19.71	20.7	1
10	256QAM	25	25	19.73	19.75	19.81	20.03	19.87		
10	256QAM	50	0	19.91	19.90	19.95	19.88	19.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.98	21.00	21.07	20.94	20.95		
5	QPSK	1	12	21.00	20.85	20.93	21.12	21.02	22	0
5	QPSK	1	24	21.04	21.08	20.97	20.97	21.02		
5	QPSK	12	0	21.09	21.13	21.03	21.04	21.02		
5	QPSK	12	7	20.84	20.97	20.90	20.95	20.70	21.7	0
5	QPSK	12	13	20.98	20.83	20.77	21.01	20.85		
5	QPSK	25	0	20.87	20.97	20.99	20.83	20.90		
5	16QAM	1	0	20.84	20.97	20.96	20.70	20.86		
5	16QAM	1	12	20.93	20.74	20.97	21.03	20.92	21.7	0
5	16QAM	1	24	20.71	20.95	20.79	20.85	20.95		
5	16QAM	12	0	20.92	21.05	21.06	20.79	20.77		
5	16QAM	12	7	20.79	20.83	20.73	21.00	20.91	21.7	0
5	16QAM	12	13	20.90	20.89	20.79	20.97	21.04		
5	16QAM	25	0	20.91	20.97	21.05	21.02	20.79		
5	64QAM	1	0	20.75	20.87	20.86	20.77	20.82		
5	64QAM	1	12	21.04	20.90	20.93	20.97	20.96	21.7	0
5	64QAM	1	24	20.90	21.00	21.00	20.86	20.91		
5	64QAM	12	0	20.93	20.75	20.88	21.07	20.76		
5	64QAM	12	7	20.95	20.90	20.83	20.87	21.00	21.7	0
5	64QAM	12	13	20.83	20.94	21.10	21.04	20.91		
5	64QAM	25	0	20.84	20.75	20.79	20.93	20.92		
5	256QAM	1	0	19.94	19.85	19.78	19.88	20.08		
5	256QAM	1	12	19.96	19.90	20.06	19.94	19.71	20.7	1
5	256QAM	1	24	19.79	19.74	19.88	19.88	19.80		
5	256QAM	12	0	20.01	19.97	19.80	19.97	19.92		
5	256QAM	12	7	19.85	19.90	20.06	19.85	19.70	20.7	1
5	256QAM	12	13	19.83	19.71	19.90	20.12	19.98		
5	256QAM	25	0	19.81	19.77	19.98	19.78	19.99		

GSM1900 EC13

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.53	27.51	27.52	29.00	18.73	18.78	18.74	19.50
GPRS 1 Tx slot	27.70	27.71	27.61	29.00	18.71	18.77	18.72	19.50
GPRS 2 Tx slots	24.84	24.89	24.67	26.00	18.85	18.68	18.86	19.50
GPRS 3 Tx slots	23.00	23.01	22.94	24.20	18.74	18.68	18.69	19.24
GPRS 4 Tx slots	21.77	21.79	21.74	23.00	18.70	18.79	18.73	19.50
EDGE 1 Tx slot	26.09	26.12	26.05	27.00	17.09	17.12	17.05	18.00
EDGE 2 Tx slots	23.67	23.76	23.70	24.00	17.67	17.76	17.70	18.00
EDGE 3 Tx slots	20.61	20.79	20.61	22.20	16.35	16.53	16.35	17.94
EDGE 4 Tx slots	20.32	20.37	20.23	21.00	17.32	17.37	17.23	18.00

WCDMA II EC13 WCDMA IV EC13

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.01	19.04	18.97	20.00	18.91	18.96	18.85	20.00
3GPP Rel 99	RMC 12.2Kbps	19.02	19.06	18.99	20.00	18.93	18.97	18.86	20.00
3GPP Rel 6	HSDPA Subtest-1	17.68	18.11	18.05	19.00	17.70	17.76	18.00	19.00
3GPP Rel 6	HSDPA Subtest-2	17.95	17.86	17.65	19.00	17.80	17.80	17.67	19.00
3GPP Rel 6	HSDPA Subtest-3	17.31	17.40	17.45	18.50	17.32	17.15	17.34	18.50
3GPP Rel 6	HSDPA Subtest-4	17.21	17.62	17.34	18.50	17.41	17.28	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.73	18.00	17.84	19.00	17.62	17.73	17.97	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.93	17.88	17.83	19.00	17.87	17.72	17.57	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.27	17.48	17.17	18.50	17.19	17.36	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.28	17.35	17.45	18.50	17.33	17.13	17.39	18.50
3GPP Rel 6	HSUPA Subtest-1	17.53	17.98	17.81	19.00	17.81	17.80	17.83	19.00
3GPP Rel 6	HSUPA Subtest-2	15.76	15.99	15.93	17.00	15.83	16.01	15.94	17.00
3GPP Rel 6	HSUPA Subtest-3	16.91	16.98	16.81	18.00	16.89	17.21	16.96	18.00
3GPP Rel 6	HSUPA Subtest-4	15.64	15.70	15.97	17.00	15.77	15.93	15.74	17.00
3GPP Rel 6	HSUPA Subtest-5	17.79	17.90	17.76	19.00	17.50	17.98	17.81	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.46	15.54	15.34	16.50	15.50	15.54	15.29	16.50

Band 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.21	19.37	19.32	20.7	0
20	QPSK	1	49	19.25	19.26	19.22		
20	QPSK	1	99	19.27	19.24	19.28		
20	QPSK	50	0	19.16	19.32	19.20	20.7	0
20	QPSK	50	24	19.13	19.08	19.12		
20	QPSK	50	50	19.07	19.17	19.11		
20	QPSK	100	0	18.95	19.06	18.95		
20	16QAM	1	0	19.02	19.16	19.13	20.7	0
20	16QAM	1	49	19.13	19.05	19.06		
20	16QAM	1	99	19.07	18.97	19.05		
20	16QAM	50	0	19.18	19.05	19.09	20.7	0
20	16QAM	50	24	19.17	19.12	19.17		
20	16QAM	50	50	19.18	19.10	19.14		
20	16QAM	100	0	19.15	19.26	19.24		
20	64QAM	1	0	19.13	19.17	19.29	20.7	0
20	64QAM	1	49	19.08	19.20	19.21		
20	64QAM	1	99	19.21	19.24	19.27		
20	64QAM	50	0	19.15	19.30	19.12	20.7	0
20	64QAM	50	24	19.10	19.12	19.11		
20	64QAM	50	50	19.13	19.24	19.32		
20	64QAM	100	0	19.22	19.21	19.22		
20	256QAM	1	0	19.12	19.26	19.12	20.7	0
20	256QAM	1	49	18.99	19.29	19.22		
20	256QAM	1	99	19.29	19.15	19.11		
20	256QAM	50	0	19.09	19.34	19.15	20.7	0
20	256QAM	50	24	19.00	19.21	19.23		
20	256QAM	50	50	19.21	19.11	19.15		
20	256QAM	100	0	19.17	19.25	19.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.07	19.32	19.25	20.7	0
15	QPSK	1	37	19.23	19.21	19.13		
15	QPSK	1	74	19.14	19.19	19.11		
15	QPSK	36	0	19.00	19.19	19.13	20.7	0
15	QPSK	36	20	18.99	19.13	18.99		
15	QPSK	36	39	19.01	19.08	18.94		
15	QPSK	75	0	18.81	19.06	18.91		
15	16QAM	1	0	18.89	19.06	19.10	20.7	0
15	16QAM	1	37	18.96	18.89	18.96		
15	16QAM	1	74	18.90	18.92	18.95		
15	16QAM	36	0	19.09	19.06	19.06	20.7	0
15	16QAM	36	20	19.15	18.97	19.16		
15	16QAM	36	39	19.10	19.04	19.13		
15	16QAM	75	0	19.00	19.15	19.12		
15	64QAM	1	0	18.98	18.98	19.06	20.7	0
15	64QAM	1	37	18.96	18.99	19.14		
15	64QAM	1	74	19.10	19.14	19.03		
15	64QAM	36	0	19.03	19.18	18.98	20.7	0
15	64QAM	36	20	19.03	19.16	18.96		
15	64QAM	36	39	18.96	19.24	19.18		
15	64QAM	75	0	19.03	19.12	19.13		
15	256QAM	1	0	19.05	19.11	19.08	20.7	0
15	256QAM	1	37	18.92	19.23	19.11		
15	256QAM	1	74	19.06	19.11	19.17		
15	256QAM	36	0	19.10	19.21	19.13	20.7	0
15	256QAM	36	20	18.99	19.19	19.06		
15	256QAM	36	39	19.12	19.05	19.15		
15	256QAM	75	0	18.96	19.06	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.12	19.29	19.10	20.7	0
10	QPSK	1	25	19.18	19.14	19.17		
10	QPSK	1	49	19.20	19.13	19.05		
10	QPSK	25	0	19.06	19.16	18.99	20.7	0
10	QPSK	25	12	18.98	19.11	18.96		
10	QPSK	25	25	19.03	19.07	19.02		
10	QPSK	50	0	18.90	19.06	18.78		
10	16QAM	1	0	18.89	19.08	19.12	20.7	0
10	16QAM	1	25	19.01	18.90	19.05		
10	16QAM	1	49	18.87	18.91	19.05		
10	16QAM	25	0	19.01	18.99	18.95	20.7	0
10	16QAM	25	12	19.09	19.06	19.22		
10	16QAM	25	25	19.07	19.02	19.12		
10	16QAM	50	0	19.05	19.19	19.16		
10	64QAM	1	0	19.04	19.02	19.16	20.7	0
10	64QAM	1	25	19.08	18.98	19.19		
10	64QAM	1	49	19.08	19.18	19.07		
10	64QAM	25	0	19.07	19.06	19.02	20.7	0
10	64QAM	25	12	18.96	19.15	18.98		
10	64QAM	25	25	18.95	19.12	19.21		
10	64QAM	50	0	19.07	19.15	19.13		
10	256QAM	1	0	19.09	19.19	19.10	20.7	0
10	256QAM	1	25	18.93	19.24	19.12		
10	256QAM	1	49	19.10	19.18	19.13		
10	256QAM	25	0	19.00	19.10	19.16	20.7	0
10	256QAM	25	12	18.91	19.05	19.10		
10	256QAM	25	25	19.05	19.12	19.15		
10	256QAM	50	0	19.07	19.06	19.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.19	19.23	19.23	20.7	0
5	QPSK	1	12	19.14	19.27	19.12		
5	QPSK	1	24	19.18	19.20	19.14		
5	QPSK	12	0	18.98	19.24	19.06	20.7	0
5	QPSK	12	7	19.05	19.00	18.93		
5	QPSK	12	13	18.95	19.12	19.02		
5	QPSK	25	0	18.86	18.97	18.91		
5	16QAM	1	0	18.90	19.08	19.12	20.7	0
5	16QAM	1	12	19.00	18.99	18.99		
5	16QAM	1	24	18.98	18.97	18.96		
5	16QAM	12	0	19.14	19.04	19.03	20.7	0
5	16QAM	12	7	19.13	19.04	19.23		
5	16QAM	12	13	19.09	19.02	19.09		
5	16QAM	25	0	18.97	19.10	19.18		
5	64QAM	1	0	19.08	19.00	19.18	20.7	0
5	64QAM	1	12	19.08	18.99	19.12		
5	64QAM	1	24	19.10	19.22	19.13		
5	64QAM	12	0	19.13	19.14	18.98	20.7	0
5	64QAM	12	7	19.02	19.07	18.97		
5	64QAM	12	13	19.01	19.14	19.21		
5	64QAM	25	0	19.10	19.15	19.12		
5	256QAM	1	0	19.04	19.18	19.05	20.7	0
5	256QAM	1	12	19.05	19.25	19.00		
5	256QAM	1	24	19.07	19.05	19.12		
5	256QAM	12	0	19.04	19.16	19.16	20.7	0
5	256QAM	12	7	18.92	19.16	19.14		
5	256QAM	12	13	19.10	19.06	19.09		
5	256QAM	25	0	19.02	19.06	19.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.16	19.32	19.12	20.7	0
3	QPSK	1	8	19.17	19.24	19.22		
3	QPSK	1	14	19.21	19.08	19.09		
3	QPSK	8	0	19.08	19.22	19.08	20.7	0
3	QPSK	8	4	19.06	19.00	18.98		
3	QPSK	8	7	18.99	19.11	19.04		
3	QPSK	15	0	18.88	18.96	18.82		
3	16QAM	1	0	19.00	18.97	19.08	20.7	0
3	16QAM	1	8	19.01	18.96	19.05		
3	16QAM	1	14	18.99	18.89	18.98		
3	16QAM	8	0	19.10	19.08	19.08	20.7	0
3	16QAM	8	4	19.09	19.11	19.11		
3	16QAM	8	7	19.16	18.99	19.02		
3	16QAM	15	0	18.99	19.23	19.08		
3	64QAM	1	0	19.08	19.11	19.18	20.7	0
3	64QAM	1	8	19.09	18.96	19.06		
3	64QAM	1	14	19.14	19.23	19.04		
3	64QAM	8	0	19.07	19.12	18.99	20.7	0
3	64QAM	8	4	19.04	19.10	19.04		
3	64QAM	8	7	19.08	19.20	19.19		
3	64QAM	15	0	19.11	19.09	19.21		
3	256QAM	1	0	19.12	19.16	19.03	20.7	0
3	256QAM	1	8	19.00	19.26	19.04		
3	256QAM	1	14	19.11	19.10	19.16		
3	256QAM	8	0	19.01	19.18	19.04	20.7	0
3	256QAM	8	4	18.90	19.15	19.14		
3	256QAM	8	7	18.96	19.15	19.17		
3	256QAM	15	0	19.10	19.10	19.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.08	19.21	19.21	20.7	0
1.4	QPSK	1	3	19.22	19.13	19.26		
1.4	QPSK	1	5	19.21	19.10	19.05		
1.4	QPSK	3	0	19.06	19.11	19.12		
1.4	QPSK	3	1	19.06	19.02	18.97		
1.4	QPSK	3	3	18.96	19.05	18.90		
1.4	QPSK	6	0	18.81	19.08	18.82	20.7	0
1.4	16QAM	1	0	18.97	18.95	19.13	20.7	0
1.4	16QAM	1	3	18.96	18.92	19.07		
1.4	16QAM	1	5	18.99	18.94	18.97		
1.4	16QAM	3	0	19.12	19.01	19.08		
1.4	16QAM	3	1	19.05	19.04	19.12		
1.4	16QAM	3	3	19.03	18.98	19.02		
1.4	16QAM	6	0	19.05	19.20	19.06	20.7	0
1.4	64QAM	1	0	19.12	19.08	19.17	20.7	0
1.4	64QAM	1	3	19.07	18.99	19.06		
1.4	64QAM	1	5	19.06	19.19	19.04		
1.4	64QAM	3	0	19.18	19.09	18.98		
1.4	64QAM	3	1	18.98	19.15	18.95		
1.4	64QAM	3	3	19.03	19.23	19.25		
1.4	64QAM	6	0	19.09	19.14	19.08	20.7	0
1.4	256QAM	1	0	19.06	19.24	19.00	20.7	0
1.4	256QAM	1	3	18.95	19.29	19.10		
1.4	256QAM	1	5	19.17	19.10	19.13		
1.4	256QAM	3	0	19.08	19.15	19.08		
1.4	256QAM	3	1	18.96	19.07	19.16		
1.4	256QAM	3	3	19.04	19.04	19.20		
1.4	256QAM	6	0	18.98	19.13	19.17	20.7	0

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.15	20.31	20.25	21.2	0
20	QPSK	1	49	20.29	20.30	20.14		
20	QPSK	1	99	20.21	20.20	20.09		
20	QPSK	50	0	19.99	20.29	20.12	21.2	0
20	QPSK	50	24	20.07	20.08	20.04		
20	QPSK	50	50	20.03	20.09	20.06		
20	QPSK	100	0	19.97	19.98	19.89		
20	16QAM	1	0	19.92	20.04	20.13	21.2	0
20	16QAM	1	49	20.03	20.05	20.07		
20	16QAM	1	99	20.03	19.92	19.99		
20	16QAM	50	0	20.17	19.99	19.97	21.2	0
20	16QAM	50	24	20.16	19.99	20.13		
20	16QAM	50	50	20.09	20.04	20.19		
20	16QAM	100	0	20.06	20.15	20.18		
20	64QAM	1	0	20.04	20.07	20.11	21.2	0
20	64QAM	1	49	20.10	20.09	20.22		
20	64QAM	1	99	20.15	20.16	20.05		
20	64QAM	50	0	20.10	20.08	20.01	21.2	0
20	64QAM	50	24	19.99	20.07	20.06		
20	64QAM	50	50	20.07	20.13	20.29		
20	64QAM	100	0	20.12	20.23	20.24		
20	256QAM	1	0	19.62	19.63	19.59	20.7	0.5
20	256QAM	1	49	19.45	19.79	19.59		
20	256QAM	1	99	19.63	19.70	19.65		
20	256QAM	50	0	19.54	19.66	19.64	20.7	0.5
20	256QAM	50	24	19.53	19.64	19.62		
20	256QAM	50	50	19.51	19.61	19.70		
20	256QAM	100	0	19.61	19.59	19.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.02	20.25	20.18	21.2	0
15	QPSK	1	37	20.16	20.06	20.04		
15	QPSK	1	74	19.98	20.16	20.08		
15	QPSK	36	0	20.01	20.09	20.02	21.2	0
15	QPSK	36	20	20.01	19.97	19.85		
15	QPSK	36	39	19.86	20.01	19.94		
15	QPSK	75	0	19.84	19.95	19.84		
15	16QAM	1	0	19.90	19.88	20.02	21.2	0
15	16QAM	1	37	19.92	19.93	19.93		
15	16QAM	1	74	19.81	19.92	19.84		
15	16QAM	36	0	20.05	19.96	19.99	21.2	0
15	16QAM	36	20	19.97	19.89	20.02		
15	16QAM	36	39	20.11	20.00	19.99		
15	16QAM	75	0	19.92	20.12	19.97		
15	64QAM	1	0	20.06	19.94	20.04	21.2	0
15	64QAM	1	37	19.94	20.00	20.12		
15	64QAM	1	74	20.07	20.10	20.08		
15	64QAM	36	0	20.01	20.03	19.97	21.2	0
15	64QAM	36	20	19.92	20.06	19.96		
15	64QAM	36	39	19.98	20.15	20.05		
15	64QAM	75	0	19.98	20.12	20.05		
15	256QAM	1	0	19.46	19.60	19.55	20.7	0.5
15	256QAM	1	37	19.45	19.75	19.52		
15	256QAM	1	74	19.60	19.48	19.51		
15	256QAM	36	0	19.52	19.61	19.58	20.7	0.5
15	256QAM	36	20	19.40	19.50	19.57		
15	256QAM	36	39	19.42	19.48	19.49		
15	256QAM	75	0	19.50	19.47	19.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.09	20.28	20.17	21.2	0
10	QPSK	1	25	20.05	20.19	20.12		
10	QPSK	1	49	20.05	20.04	20.06		
10	QPSK	25	0	19.91	20.09	20.03	21.2	0
10	QPSK	25	12	20.01	20.03	19.91		
10	QPSK	25	25	19.90	19.97	19.85		
10	QPSK	50	0	19.77	19.92	19.78		
10	16QAM	1	0	19.86	19.99	20.04	21.2	0
10	16QAM	1	25	19.95	19.95	20.01		
10	16QAM	1	49	19.93	19.85	19.90		
10	16QAM	25	0	20.07	19.98	20.02	21.2	0
10	16QAM	25	12	20.08	20.04	20.02		
10	16QAM	25	25	20.09	19.96	20.05		
10	16QAM	50	0	19.84	20.12	20.01		
10	64QAM	1	0	20.04	20.02	20.02	21.2	0
10	64QAM	1	25	19.96	20.05	20.05		
10	64QAM	1	49	20.05	20.12	19.96		
10	64QAM	25	0	19.99	20.08	20.05	21.2	0
10	64QAM	25	12	19.94	20.07	19.88		
10	64QAM	25	25	19.91	20.02	20.12		
10	64QAM	50	0	20.04	20.01	20.01		
10	256QAM	1	0	19.47	19.65	19.54	20.7	0.5
10	256QAM	1	25	19.40	19.70	19.51		
10	256QAM	1	49	19.61	19.57	19.46		
10	256QAM	25	0	19.45	19.53	19.50	20.7	0.5
10	256QAM	25	12	19.33	19.50	19.53		
10	256QAM	25	25	19.52	19.45	19.48		
10	256QAM	50	0	19.40	19.59	19.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.03	20.18	20.11	21.2	0
5	QPSK	1	12	20.08	20.11	20.18		
5	QPSK	1	24	20.05	20.11	20.01		
5	QPSK	12	0	19.87	20.03	19.90	21.2	0
5	QPSK	12	7	19.97	19.97	19.96		
5	QPSK	12	13	19.97	20.04	19.97		
5	QPSK	25	0	19.82	20.01	19.81		
5	16QAM	1	0	19.89	19.88	19.97	21.2	0
5	16QAM	1	12	19.92	19.96	19.91		
5	16QAM	1	24	19.81	19.82	19.87		
5	16QAM	12	0	19.93	19.90	19.97	21.2	0
5	16QAM	12	7	20.03	20.02	20.02		
5	16QAM	12	13	19.97	19.98	19.96		
5	16QAM	25	0	20.00	20.12	20.05		
5	64QAM	1	0	20.01	20.01	20.10	21.2	0
5	64QAM	1	12	20.01	19.89	20.07		
5	64QAM	1	24	19.92	20.20	20.11		
5	64QAM	12	0	19.98	20.09	20.05	21.2	0
5	64QAM	12	7	19.89	20.06	20.00		
5	64QAM	12	13	19.90	20.05	20.12		
5	64QAM	25	0	19.94	20.00	20.07		
5	256QAM	1	0	19.50	19.55	19.43	20.7	0.5
5	256QAM	1	12	19.44	19.61	19.56		
5	256QAM	1	24	19.50	19.49	19.48		
5	256QAM	12	0	19.56	19.53	19.59	20.7	0.5
5	256QAM	12	7	19.48	19.49	19.55		
5	256QAM	12	13	19.45	19.55	19.54		
5	256QAM	25	0	19.45	19.51	19.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.01	20.21	20.14	21.2	0
3	QPSK	1	8	20.15	20.18	20.19		
3	QPSK	1	14	20.12	20.07	20.07		
3	QPSK	8	0	19.95	20.07	20.02	21.2	0
3	QPSK	8	4	19.93	20.02	19.86		
3	QPSK	8	7	19.94	20.06	19.90		
3	QPSK	15	0	19.80	19.99	19.80		
3	16QAM	1	0	19.86	19.88	19.97	21.2	0
3	16QAM	1	8	19.91	19.91	19.94		
3	16QAM	1	14	19.82	19.80	19.88		
3	16QAM	8	0	19.99	20.02	19.95	21.2	0
3	16QAM	8	4	19.95	19.91	20.05		
3	16QAM	8	7	19.99	19.96	19.99		
3	16QAM	15	0	19.96	20.16	20.12		
3	64QAM	1	0	19.95	19.91	20.10	21.2	0
3	64QAM	1	8	19.92	19.94	20.04		
3	64QAM	1	14	19.97	20.16	20.10		
3	64QAM	8	0	20.10	20.14	19.93	21.2	0
3	64QAM	8	4	19.90	19.97	19.98		
3	64QAM	8	7	19.98	20.10	20.13		
3	64QAM	15	0	20.02	20.08	19.99		
3	256QAM	1	0	19.44	19.68	19.52	20.7	0.5
3	256QAM	1	8	19.38	19.74	19.46		
3	256QAM	1	14	19.49	19.53	19.48		
3	256QAM	8	0	19.46	19.61	19.44	20.7	0.5
3	256QAM	8	4	19.36	19.61	19.59		
3	256QAM	8	7	19.42	19.56	19.51		
3	256QAM	15	0	19.41	19.47	19.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.09	20.24	20.07	21.2	0
1.4	QPSK	1	3	20.06	20.22	20.04		
1.4	QPSK	1	5	20.01	20.08	20.05		
1.4	QPSK	3	0	19.94	20.11	19.99		
1.4	QPSK	3	1	20.03	20.06	19.98		
1.4	QPSK	3	3	19.92	19.96	19.85		
1.4	QPSK	6	0	19.72	19.98	19.76	21.2	0
1.4	16QAM	1	0	19.82	19.93	20.00	21.2	0
1.4	16QAM	1	3	19.87	19.93	20.03		
1.4	16QAM	1	5	19.82	19.93	19.88		
1.4	16QAM	3	0	20.08	19.88	19.93		
1.4	16QAM	3	1	19.96	20.00	20.14		
1.4	16QAM	3	3	19.98	19.93	20.01		
1.4	16QAM	6	0	20.00	20.08	20.03	21.2	0
1.4	64QAM	1	0	20.02	19.94	19.99	21.2	0
1.4	64QAM	1	3	19.93	20.00	20.09		
1.4	64QAM	1	5	20.01	20.12	20.10		
1.4	64QAM	3	0	19.96	20.10	20.04		
1.4	64QAM	3	1	19.93	19.97	20.01		
1.4	64QAM	3	3	20.00	20.08	20.04		
1.4	64QAM	6	0	20.07	20.12	20.09	21.2	0
1.4	256QAM	1	0	19.54	19.65	19.43	20.7	0.5
1.4	256QAM	1	3	19.35	19.68	19.43		
1.4	256QAM	1	5	19.50	19.48	19.45		
1.4	256QAM	3	0	19.55	19.63	19.58		
1.4	256QAM	3	1	19.33	19.54	19.52		
1.4	256QAM	3	3	19.39	19.46	19.63		
1.4	256QAM	6	0	19.50	19.53	19.55	20.7	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	18.16	18.31	18.19	19.2	0
20	QPSK	1	49	18.13	18.19	18.23		
20	QPSK	1	99	18.19	18.13	18.18		
20	QPSK	50	0	18.03	18.24	18.07	19.2	0
20	QPSK	50	24	17.98	18.03	18.06		
20	QPSK	50	50	18.01	17.99	17.89		
20	QPSK	100	0	17.87	17.95	17.77		
20	16QAM	1	0	17.93	18.01	17.99	19.2	0
20	16QAM	1	49	17.93	18.01	17.95		
20	16QAM	1	99	17.99	17.89	17.93		
20	16QAM	50	0	18.01	18.02	18.08	19.2	0
20	16QAM	50	24	18.11	18.11	18.14		
20	16QAM	50	50	18.15	18.02	18.02		
20	16QAM	100	0	17.94	18.14	18.18		
20	64QAM	1	0	18.12	18.00	18.09	19.2	0
20	64QAM	1	49	18.10	18.04	18.19		
20	64QAM	1	99	18.11	18.15	18.15		
20	64QAM	50	0	18.11	18.21	17.97	19.2	0
20	64QAM	50	24	18.03	18.07	18.07		
20	64QAM	50	50	18.08	18.09	18.24		
20	64QAM	100	0	18.11	18.07	18.18		
20	256QAM	1	0	18.10	18.15	18.04	19.2	0
20	256QAM	1	49	18.05	18.28	18.09		
20	256QAM	1	99	18.21	18.09	18.13		
20	256QAM	50	0	18.12	18.23	18.16	19.2	0
20	256QAM	50	24	18.04	18.08	18.11		
20	256QAM	50	50	18.08	18.08	18.20		
20	256QAM	100	0	17.97	18.11	18.14		
Channel				75	0	-75	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				7.5	0	-7.5		
15	QPSK	1	0	17.97	18.21	18.06	19.2	0
15	QPSK	1	37	18.12	18.18	18.09		
15	QPSK	1	74	18.11	18.05	17.94		
15	QPSK	36	0	17.85	18.10	17.89	19.2	0
15	QPSK	36	20	17.93	17.97	17.83		
15	QPSK	36	39	17.89	17.91	17.92		
15	QPSK	75	0	17.75	17.87	17.67		
15	16QAM	1	0	17.86	17.95	18.01	19.2	0
15	16QAM	1	37	17.93	17.86	17.94		
15	16QAM	1	74	17.90	17.83	17.91		
15	16QAM	36	0	18.03	17.93	17.94	19.2	0
15	16QAM	36	20	17.95	17.87	18.01		
15	16QAM	36	39	18.04	17.90	17.98		
15	16QAM	75	0	17.89	18.14	18.06		
15	64QAM	1	0	17.95	17.88	18.08	19.2	0
15	64QAM	1	37	17.93	17.99	18.09		
15	64QAM	1	74	17.96	18.06	17.93		
15	64QAM	36	0	18.05	18.10	18.02	19.2	0
15	64QAM	36	20	17.86	18.02	17.89		
15	64QAM	36	39	17.86	18.08	18.11		
15	64QAM	75	0	18.01	18.06	18.00		
15	256QAM	1	0	17.93	18.03	17.94	19.2	0
15	256QAM	1	37	17.90	18.18	17.91		
15	256QAM	1	74	18.10	18.07	18.02		
15	256QAM	36	0	17.95	18.12	18.06	19.2	0
15	256QAM	36	20	17.92	18.06	17.98		
15	256QAM	36	39	17.99	18.02	18.03		
15	256QAM	75	0	17.87	18.05	17.97		
Channel				50	0	-50	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	18.07	18.24	18.10	19.2	0
10	QPSK	1	25	18.04	18.14	18.08		
10	QPSK	1	49	18.06	18.05	17.97		
10	QPSK	25	0	17.89	18.02	17.91	19.2	0
10	QPSK	25	12	17.96	17.90	17.85		
10	QPSK	25	25	17.83	17.93	17.94		
10	QPSK	50	0	17.69	17.99	17.69		
10	16QAM	1	0	17.86	17.92	18.01	19.2	0
10	16QAM	1	25	17.96	17.91	17.99		
10	16QAM	1	49	17.87	17.90	17.89		
10	16QAM	25	0	18.00	17.95	17.87	19.2	0
10	16QAM	25	12	18.04	17.88	18.00		
10	16QAM	25	25	18.01	17.99	18.01		
10	16QAM	50	0	17.94	18.06	18.08		
10	64QAM	1	0	17.94	17.91	18.06	19.2	0
10	64QAM	1	25	17.95	17.92	17.97		
10	64QAM	1	49	17.96	18.03	17.92		
10	64QAM	25	0	17.94	18.00	17.87	19.2	0
10	64QAM	25	12	17.93	18.02	17.85		
10	64QAM	25	25	17.90	18.02	18.09		
10	64QAM	50	0	17.91	18.04	18.11		
10	256QAM	1	0	17.88	18.08	17.99	19.2	0
10	256QAM	1	25	17.92	18.12	17.94		
10	256QAM	1	49	18.07	18.05	18.03		
10	256QAM	25	0	18.03	18.13	18.05	19.2	0
10	256QAM	25	12	17.93	18.03	17.95		
10	256QAM	25	25	17.88	18.05	18.03		
10	256QAM	50	0	17.89	17.94	17.99		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	18.01	18.17	18.10	19.2	0
5	QPSK	1	12	18.11	18.05	18.07		
5	QPSK	1	24	17.99	18.12	18.03		
5	QPSK	12	0	17.83	18.14	17.96	19.2	0
5	QPSK	12	7	17.86	17.97	17.95		
5	QPSK	12	13	17.86	18.03	17.87		
5	QPSK	25	0	17.75	17.94	17.82		
5	16QAM	1	0	17.89	17.94	18.02	19.2	0
5	16QAM	1	12	17.93	17.80	17.99		
5	16QAM	1	24	17.81	17.91	17.93		
5	16QAM	12	0	17.93	17.91	17.84	19.2	0
5	16QAM	12	7	17.92	17.96	17.99		
5	16QAM	12	13	18.02	17.96	18.02		
5	16QAM	25	0	17.84	18.00	17.99		
5	64QAM	1	0	17.93	17.96	18.11	19.2	0
5	64QAM	1	12	17.95	17.96	18.06		
5	64QAM	1	24	17.94	18.11	17.95		
5	64QAM	12	0	18.04	18.04	18.00	19.2	0
5	64QAM	12	7	17.97	17.90	17.97		
5	64QAM	12	13	17.96	18.06	18.06		
5	64QAM	25	0	18.00	18.02	18.02		
5	256QAM	1	0	17.88	18.10	17.92	19.2	0
5	256QAM	1	12	17.86	18.20	17.99		
5	256QAM	1	24	18.02	17.94	18.03		
5	256QAM	12	0	17.91	18.12	18.05	19.2	0
5	256QAM	12	7	17.82	18.09	17.98		
5	256QAM	12	13	18.02	17.92	17.99		
5	256QAM	25	0	17.89	17.94	18.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.69	19.85	19.72	21.2	0
20	QPSK	1	49	19.76	19.74	19.74		
20	QPSK	1	99	19.71	19.76	19.68		
20	QPSK	50	0	19.50	19.72	19.65	21.2	0
20	QPSK	50	24	19.58	19.63	19.59		
20	QPSK	50	50	19.58	19.66	19.50		
20	QPSK	100	0	19.51	19.59	19.52		
20	16QAM	1	0	19.54	19.60	19.60	21.2	0
20	16QAM	1	49	19.61	19.50	19.53		
20	16QAM	1	99	19.57	19.53	19.52		
20	16QAM	50	0	19.61	19.50	19.55	21.2	0
20	16QAM	50	24	19.63	19.58	19.62		
20	16QAM	50	50	19.62	19.66	19.67		
20	16QAM	100	0	19.57	19.69	19.62		
20	64QAM	1	0	19.59	19.65	19.71	21.2	0
20	64QAM	1	49	19.60	19.61	19.66		
20	64QAM	1	99	19.67	19.70	19.58		
20	64QAM	50	0	19.71	19.67	19.56	21.2	0
20	64QAM	50	24	19.56	19.66	19.55		
20	64QAM	50	50	19.53	19.72	19.73		
20	64QAM	100	0	19.57	19.74	19.75		
20	256QAM	1	0	19.58	19.72	19.66	20.7	0.5
20	256QAM	1	49	19.51	19.73	19.68		
20	256QAM	1	99	19.67	19.63	19.61		
20	256QAM	50	0	19.59	19.74	19.62	20.7	0.5
20	256QAM	50	24	19.50	19.74	19.62		
20	256QAM	50	50	19.58	19.68	19.64		
20	256QAM	100	0	19.50	19.58	19.64		
15	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	19.56	19.75	19.67	21.2	0
15	QPSK	1	37	19.72	19.73	19.70		
15	QPSK	1	74	19.55	19.69	19.52		
15	QPSK	36	0	19.57	19.57	19.53	21.2	0
15	QPSK	36	20	19.51	19.56	19.59		
15	QPSK	36	39	19.53	19.51	19.55		
15	QPSK	75	0	19.54	19.51	19.56		
15	16QAM	1	0	19.57	19.59	19.51	21.2	0
15	16QAM	1	37	19.59	19.58	19.50		
15	16QAM	1	74	19.56	19.53	19.58		
15	16QAM	36	0	19.58	19.57	19.57	21.2	0
15	16QAM	36	20	19.52	19.54	19.56		
15	16QAM	36	39	19.56	19.52	19.54		
15	16QAM	75	0	19.53	19.69	19.52		
15	64QAM	1	0	19.53	19.56	19.56	21.2	0
15	64QAM	1	37	19.57	19.51	19.64		
15	64QAM	1	74	19.58	19.58	19.56		
15	64QAM	36	0	19.52	19.62	19.53	21.2	0
15	64QAM	36	20	19.61	19.53	19.53		
15	64QAM	36	39	19.51	19.55	19.66		
15	64QAM	75	0	19.56	19.51	19.53		
15	256QAM	1	0	19.46	19.67	19.52	20.7	0.5
15	256QAM	1	37	19.59	19.63	19.44		
15	256QAM	1	74	19.59	19.59	19.54		
15	256QAM	36	0	19.47	19.65	19.61	20.7	0.5
15	256QAM	36	20	19.35	19.58	19.51		
15	256QAM	36	39	19.56	19.61	19.63		
15	256QAM	75	0	19.52	19.55	19.59		
10	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	19.60	19.70	19.60	21.2	0
10	QPSK	1	25	19.65	19.63	19.68		
10	QPSK	1	49	19.56	19.54	19.57		
10	QPSK	25	0	19.51	19.59	19.53	21.2	0
10	QPSK	25	12	19.54	19.56	19.51		
10	QPSK	25	25	19.62	19.59	19.59		
10	QPSK	50	0	19.52	19.59	19.55		
10	16QAM	1	0	19.63	19.54	19.57	21.2	0
10	16QAM	1	25	19.61	19.61	19.52		
10	16QAM	1	49	19.58	19.59	19.54		
10	16QAM	25	0	19.63	19.59	19.54	21.2	0
10	16QAM	25	12	19.75	19.67	19.62		
10	16QAM	25	25	19.76	19.72	19.54		
10	16QAM	50	0	19.57	19.84	19.54		
10	64QAM	1	0	19.61	19.64	19.63	21.2	0
10	64QAM	1	25	19.65	19.61	19.52		
10	64QAM	1	49	19.53	19.63	19.50		
10	64QAM	25	0	19.57	19.50	19.57	21.2	0
10	64QAM	25	12	19.54	19.55	19.58		
10	64QAM	25	25	19.54	19.59	19.60		
10	64QAM	50	0	19.55	19.55	19.64		
10	256QAM	1	0	19.55	19.60	19.46	20.7	0.5
10	256QAM	1	25	19.43	19.75	19.48		
10	256QAM	1	49	19.62	19.52	19.50		
10	256QAM	25	0	19.49	19.56	19.51	20.7	0.5
10	256QAM	25	12	19.54	19.54	19.49		
10	256QAM	25	25	19.47	19.49	19.54		
10	256QAM	50	0	19.54	19.51	19.51		
5	Channel			26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	19.65	19.75	19.60	21.2	0
5	QPSK	1	12	19.72	19.66	19.65		
5	QPSK	1	24	19.65	19.58	19.59		
5	QPSK	12	0	19.52	19.71	19.53	21.2	0
5	QPSK	12	7	19.58	19.62	19.51		
5	QPSK	12	13	19.67	19.73	19.60		
5	QPSK	25	0	19.59	19.63	19.54		
5	16QAM	1	0	19.55	19.61	19.63	21.2	0
5	16QAM	1	12	19.55	19.51	19.67		
5	16QAM	1	24	19.59	19.54	19.56		
5	16QAM	12	0	19.61	19.62	19.62	21.2	0
5	16QAM	12	7	19.75	19.59	19.77		
5	16QAM	12	13	19.79	19.61	19.72		
5	16QAM	25	0	19.65	19.84	19.67		
5	64QAM	1	0	19.70	19.64	19.62	21.2	0
5	64QAM	1	12	19.55	19.61	19.54		
5	64QAM	1	24	19.52	19.58	19.50		
5	64QAM	12	0	19.54	19.59	19.51	21.2	0
5	64QAM	12	7	19.58	19.59	19.56		
5	64QAM	12	13	19.54	19.56	19.56		
5	64QAM	25	0	19.55	19.50	19.59		
5	256QAM	1	0	19.52	19.61	19.55	20.7	0.5
5	256QAM	1	12	19.49	19.68	19.51		
5	256QAM	1	24	19.60	19.57	19.55		
5	256QAM	12	0	19.56	19.56	19.62	20.7	0.5
5	256QAM	12	7	19.37	19.60	19.53		
5	256QAM	12	13	19.47	19.55	19.56		
5	256QAM	25	0	19.55	19.50	19.60		
3	Channel			26045	26340	26675	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	19.59	19.69	19.56	21.2	0
3	QPSK	1	8	19.69	19.66	19.66		
3	QPSK	1	14	19.62	19.56	19.54		
3	QPSK	8	0	19.62	19.69	19.53	21.2	0
3	QPSK	8	4	19.70	19.52	19.52		
3	QPSK	8	7	19.55	19.51	19.55		
3	QPSK	15	0	19.53	19.55	19.52		
3	16QAM	1	0	19.58	19.56	19.56	21.2	0
3	16QAM	1	8	19.51	19.60	19.53		
3	16QAM	1	14	19.59	19.59	19.57		
3	16QAM	8	0	19.62	19.67	19.51	21.2	0
3	16QAM	8	4	19.62	19.62	19.65		
3	16QAM	8	7	19.72	19.67	19.63		
3	16QAM	15	0	19.51	19.83	19.56		
3	64QAM	1	0	19.62	19.67	19.60	21.2	0
3	64QAM	1	8	19.67	19.58	19.57		
3	64QAM	1	14	19.55	19.82	19.59		
3	64QAM	8	0	19.53	19.53	19.56	21.2	0
3	64QAM	8	4	19.54	19.59	19.57		
3	64QAM	8	7	19.51	19.53	19.56		
3	64QAM	15	0	19.51	19.55	19.51		
3	256QAM	1	0	19.53	19.57	19.59	20.7	0.5
3	256QAM	1	8	19.39	19.68	19.44		
3	256QAM	1	14	19.56	19.54	19.46		
3	256QAM	8	0	19.49	19.67	19.53	20.7	0.5
3	256QAM	8	4	19.36	19.56	19.60		
3	256QAM	8	7	19.44	19.48	19.64		
3	256QAM	15	0	19.53	19.52	19.53		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	19.63	19.71	19.57	21.2	0
1.4	QPSK	1	3	19.67	19.60	19.69		
1.4	QPSK	1	5	19.52	19.69	19.54		
1.4	QPSK	3	0	19.59	19.70	19.56		
1.4	QPSK	3	1	19.52	19.55	19.64		
1.4	QPSK	3	3	19.56	19.57	19.64		
1.4	QPSK	6	0	19.52	19.52	19.57	21.2	0
1.4	16QAM	1	0	19.51	19.55	19.54	21.2	0
1.4	16QAM	1	3	19.52	19.57	19.61		
1.4	16QAM	1	5	19.58	19.53	19.64		
1.4	16QAM	3	0	19.59	19.57	19.67		
1.4	16QAM	3	1	19.57	19.58	19.64		
1.4	16QAM	3	3	19.63	19.53	19.72		
1.4	16QAM	6	0	19.55	19.64	19.63	21.2	0
1.4	64QAM	1	0	19.54	19.55	19.78	21.2	0
1.4	64QAM	1	3	19.51	19.53	19.53		
1.4	64QAM	1	5	19.57	19.78	19.58		
1.4	64QAM	3	0	19.59	19.57	19.51		
1.4	64QAM	3	1	19.53	19.53	19.53		
1.4	64QAM	3	3	19.53	19.63	19.71		
1.4	64QAM	6	0	19.58	19.61	19.62	21.2	0
1.4	256QAM	1	0	19.44	19.57	19.47	20.7	0.5
1.4	256QAM	1	3	19.40	19.68	19.58		
1.4	256QAM	1	5	19.52	19.55	19.46		
1.4	256QAM	3	0	19.56	19.57	19.58		
1.4	256QAM	3	1	19.45	19.51	19.58		
1.4	256QAM	3	3	19.49	19.51	19.60		
1.4	256QAM	6	0	19.48	19.50	19.59	20.7	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.67	19.86	19.73	20.7	0
20	QPSK	1	49	19.82	19.75	19.80		
20	QPSK	1	99	19.65	19.73	19.64		
20	QPSK	50	0	19.51	19.82	19.68	20.7	0
20	QPSK	50	24	19.60	19.60	19.51		
20	QPSK	50	50	19.55	19.62	19.52		
20	QPSK	100	0	19.44	19.68	19.45		
20	16QAM	1	0	19.56	19.60	19.68	20.7	0
20	16QAM	1	49	19.49	19.58	19.55		
20	16QAM	1	99	19.60	19.45	19.55		
20	16QAM	50	0	19.72	19.60	19.53	20.7	0
20	16QAM	50	24	19.72	19.65	19.81		
20	16QAM	50	50	19.68	19.65	19.71		
20	16QAM	100	0	19.52	19.79	19.61		
20	64QAM	1	0	19.64	19.56	19.66	20.7	0
20	64QAM	1	49	19.58	19.66	19.74		
20	64QAM	1	99	19.64	19.75	19.68		
20	64QAM	50	0	19.73	19.72	19.59	20.7	0
20	64QAM	50	24	19.55	19.65	19.62		
20	64QAM	50	50	19.52	19.80	19.68		
20	64QAM	100	0	19.68	19.62	19.70		
20	256QAM	1	0	19.56	19.81	19.68	20.7	0
20	256QAM	1	49	19.49	19.82	19.71		
20	256QAM	1	99	19.73	19.75	19.67		
20	256QAM	50	0	19.66	19.78	19.67	20.7	0
20	256QAM	50	24	19.63	19.63	19.69		
20	256QAM	50	50	19.65	19.68	19.74		
20	256QAM	100	0	19.62	19.72	19.76		
15	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	19.65	19.70	19.63	20.7	0
15	QPSK	1	37	19.62	19.70	19.58		
15	QPSK	1	74	19.60	19.71	19.64		
15	QPSK	36	0	19.55	19.63	19.52	20.7	0
15	QPSK	36	20	19.55	19.46	19.49		
15	QPSK	36	39	19.49	19.46	19.53		
15	QPSK	75	0	19.40	19.48	19.36		
15	16QAM	1	0	19.37	19.44	19.57	20.7	0
15	16QAM	1	37	19.47	19.43	19.55		
15	16QAM	1	74	19.49	19.40	19.47		
15	16QAM	36	0	19.61	19.48	19.46	20.7	0
15	16QAM	36	20	19.64	19.49	19.62		
15	16QAM	36	39	19.55	19.60	19.52		
15	16QAM	75	0	19.41	19.71	19.52		
15	64QAM	1	0	19.50	19.54	19.62	20.7	0
15	64QAM	1	37	19.46	19.53	19.54		
15	64QAM	1	74	19.55	19.64	19.58		
15	64QAM	36	0	19.61	19.64	19.55	20.7	0
15	64QAM	36	20	19.53	19.52	19.50		
15	64QAM	36	39	19.54	19.57	19.71		
15	64QAM	75	0	19.52	19.67	19.65		
15	256QAM	1	0	19.47	19.63	19.57	20.7	0
15	256QAM	1	37	19.50	19.76	19.55		
15	256QAM	1	74	19.68	19.57	19.63		
15	256QAM	36	0	19.48	19.57	19.63	20.7	0
15	256QAM	36	20	19.51	19.52	19.53		
15	256QAM	36	39	19.47	19.64	19.60		
15	256QAM	75	0	19.51	19.54	19.56		
10	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	19.67	19.72	19.65	20.7	0
10	QPSK	1	25	19.70	19.66	19.73		
10	QPSK	1	49	19.68	19.59	19.61		
10	QPSK	25	0	19.52	19.63	19.51	20.7	0
10	QPSK	25	12	19.53	19.51	19.50		
10	QPSK	25	25	19.43	19.56	19.53		
10	QPSK	50	0	19.36	19.50	19.33		
10	16QAM	1	0	19.48	19.44	19.57	20.7	0
10	16QAM	1	25	19.47	19.50	19.45		
10	16QAM	1	49	19.47	19.38	19.51		
10	16QAM	25	0	19.49	19.58	19.56	20.7	0
10	16QAM	25	12	19.50	19.59	19.68		
10	16QAM	25	25	19.55	19.60	19.65		
10	16QAM	50	0	19.49	19.61	19.55		
10	64QAM	1	0	19.48	19.50	19.53	20.7	0
10	64QAM	1	25	19.54	19.51	19.65		
10	64QAM	1	49	19.48	19.65	19.53		
10	64QAM	25	0	19.55	19.64	19.50	20.7	0
10	64QAM	25	12	19.56	19.52	19.46		
10	64QAM	25	25	19.51	19.63	19.63		
10	64QAM	50	0	19.63	19.52	19.57	20.7	0
10	256QAM	1	0	19.47	19.74	19.54		
10	256QAM	1	25	19.48	19.71	19.47		
10	256QAM	1	49	19.62	19.60	19.50		
10	256QAM	25	0	19.54	19.72	19.56	20.7	0
10	256QAM	25	12	19.38	19.61	19.56		
10	256QAM	25	25	19.60	19.52	19.57		
10	256QAM	50	0	19.51	19.53	19.64		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	19.17	19.25	19.15	20.7	0
5	QPSK	1	12	19.21	19.26	19.24		
5	QPSK	1	24	19.09	19.08	19.03		
5	QPSK	12	0	19.03	19.19	18.97	20.7	0
5	QPSK	12	7	19.08	18.95	18.98		
5	QPSK	12	13	19.04	19.08	18.90		
5	QPSK	25	0	18.81	19.04	18.88		
5	16QAM	1	0	18.95	19.07	19.03	20.7	0
5	16QAM	1	12	19.04	19.00	18.98		
5	16QAM	1	24	18.92	18.95	19.01		
5	16QAM	12	0	19.05	19.00	19.02	20.7	0
5	16QAM	12	7	19.08	18.99	19.09		
5	16QAM	12	13	19.14	18.95	19.01		
5	16QAM	25	0	19.01	19.12	19.01		
5	64QAM	1	0	18.97	19.09	19.05	20.7	0
5	64QAM	1	12	18.97	18.97	19.18		
5	64QAM	1	24	19.06	19.11	19.10		
5	64QAM	12	0	19.07	19.18	19.06	20.7	0
5	64QAM	12	7	18.94	19.05	18.96		
5	64QAM	12	13	18.95	19.14	19.17		
5	64QAM	25	0	19.06	19.13	19.08		
5	256QAM	1	0	19.01	19.17	19.10	20.7	0
5	256QAM	1	12	18.97	19.15	19.02		
5	256QAM	1	24	19.18	19.15	19.11		
5	256QAM	12	0	19.04	19.10	19.07	20.7	0
5	256QAM	12	7	19.02	19.12	19.10		
5	256QAM	12	13	18.97	19.02	19.06		
5	256QAM	25	0	18.94	19.07	19.15		
3	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	19.67	19.75	19.65	20.7	0
3	QPSK	1	8	19.71	19.76	19.74		
3	QPSK	1	14	19.59	19.58	19.53		
3	QPSK	8	0	19.53	19.69	19.47	20.7	0
3	QPSK	8	4	19.58	19.45	19.48		
3	QPSK	8	7	19.54	19.58	19.40		
3	QPSK	15	0	19.31	19.54	19.38		
3	16QAM	1	0	19.45	19.57	19.53	20.7	0
3	16QAM	1	8	19.54	19.50	19.48		
3	16QAM	1	14	19.42	19.45	19.51		
3	16QAM	8	0	19.55	19.50	19.52	20.7	0
3	16QAM	8	4	19.58	19.49	19.59		
3	16QAM	8	7	19.64	19.45	19.51		
3	16QAM	15	0	19.51	19.62	19.51		
3	64QAM	1	0	19.47	19.59	19.55	20.7	0
3	64QAM	1	8	19.47	19.47	19.68		
3	64QAM	1	14	19.56	19.61	19.60		
3	64QAM	8	0	19.57	19.68	19.56	20.7	0
3	64QAM	8	4	19.44	19.55	19.46		
3	64QAM	8	7	19.45	19.64	19.67		
3	64QAM	15	0	19.56	19.63	19.58		
3	256QAM	1	0	19.51	19.67	19.60	20.7	0
3	256QAM	1	8	19.47	19.65	19.52		
3	256QAM	1	14	19.68	19.65	19.61		
3	256QAM	8	0	19.54	19.60	19.57	20.7	0
3	256QAM	8	4	19.52	19.62	19.60		
3	256QAM	8	7	19.47	19.52	19.56		
3	256QAM	15	0	19.44	19.57	19.65		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	19.61	19.72	19.69	20.7	0
1.4	QPSK	1	3	19.60	19.67	19.73		
1.4	QPSK	1	5	19.56	19.58	19.65		
1.4	QPSK	3	0	19.42	19.59	19.52		
1.4	QPSK	3	1	19.47	19.57	19.46		
1.4	QPSK	3	3	19.49	19.52	19.46		
1.4	QPSK	6	0	19.38	19.44	19.32	20.7	0
1.4	16QAM	1	0	19.46	19.57	19.48	20.7	0
1.4	16QAM	1	3	19.46	19.43	19.48		
1.4	16QAM	1	5	19.37	19.35	19.50		
1.4	16QAM	3	0	19.60	19.54	19.51		
1.4	16QAM	3	1	19.52	19.58	19.65		
1.4	16QAM	3	3	19.53	19.51	19.52		
1.4	16QAM	6	0	19.43	19.70	19.53	20.7	0
1.4	64QAM	1	0	19.56	19.57	19.55	20.7	0
1.4	64QAM	1	3	19.46	19.51	19.52		
1.4	64QAM	1	5	19.54	19.62	19.53		
1.4	64QAM	3	0	19.58	19.54	19.57		
1.4	64QAM	3	1	19.48	19.52	19.41		
1.4	64QAM	3	3	19.44	19.64	19.68		
1.4	64QAM	6	0	19.50	19.62	19.68	20.7	0
1.4	256QAM	1	0	19.53	19.61	19.60	20.7	0
1.4	256QAM	1	3	19.46	19.68	19.53		
1.4	256QAM	1	5	19.58	19.67	19.58		
1.4	256QAM	3	0	19.47	19.71	19.61		
1.4	256QAM	3	1	19.47	19.65	19.66		
1.4	256QAM	3	3	19.48	19.62	19.66		
1.4	256QAM	6	0	19.48	19.56	19.65	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.47	20.59	20.48	21.7	0
20	QPSK	1	49	20.49	20.55	20.44		
20	QPSK	1	99	20.39	20.51	20.43		
20	QPSK	50	0	20.23	20.44	20.32	21.7	0
20	QPSK	50	24	20.29	20.41	20.30		
20	QPSK	50	50	20.28	20.35	20.21		
20	QPSK	100	0	20.10	20.24	20.10		
20	16QAM	1	0	20.28	20.25	20.33	21.7	0
20	16QAM	1	49	20.23	20.19	20.39		
20	16QAM	1	99	20.22	20.29	20.30		
20	16QAM	50	0	20.34	20.37	20.26	21.7	0
20	16QAM	50	24	20.47	20.39	20.51		
20	16QAM	50	50	20.44	20.40	20.48		
20	16QAM	100	0	20.35	20.49	20.48		
20	64QAM	1	0	20.39	20.43	20.38	21.7	0
20	64QAM	1	49	20.40	20.27	20.50		
20	64QAM	1	99	20.43	20.44	20.45		
20	64QAM	50	0	20.47	20.40	20.41	21.7	0
20	64QAM	50	24	20.38	20.43	20.36		
20	64QAM	50	50	20.23	20.51	20.41		
20	64QAM	100	0	20.43	20.40	20.46		
20	256QAM	1	0	20.35	20.48	20.38	21.2	0.5
20	256QAM	1	49	20.24	20.47	20.43		
20	256QAM	1	99	20.41	20.46	20.44		
20	256QAM	50	0	20.33	20.53	20.40	21.2	0.5
20	256QAM	50	24	20.26	20.44	20.35		
20	256QAM	50	50	20.31	20.47	20.39		
20	256QAM	100	0	20.32	20.46	20.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.40	20.50	20.35	21.7	0
15	QPSK	1	37	20.44	20.44	20.40		
15	QPSK	1	74	20.35	20.36	20.30		
15	QPSK	36	0	20.24	20.36	20.31	21.7	0
15	QPSK	36	20	20.22	20.24	20.24		
15	QPSK	36	39	20.16	20.23	20.24		
15	QPSK	75	0	20.05	20.18	20.01		
15	16QAM	1	0	20.08	20.26	20.19	21.7	0
15	16QAM	1	37	20.12	20.20	20.28		
15	16QAM	1	74	20.10	20.13	20.19		
15	16QAM	36	0	20.23	20.16	20.23	21.7	0
15	16QAM	36	20	20.27	20.32	20.33		
15	16QAM	36	39	20.37	20.29	20.28		
15	16QAM	75	0	20.15	20.37	20.30		
15	64QAM	1	0	20.22	20.23	20.31	21.7	0
15	64QAM	1	37	20.19	20.30	20.40		
15	64QAM	1	74	20.34	20.33	20.28		
15	64QAM	36	0	20.24	20.35	20.27	21.7	0
15	64QAM	36	20	20.28	20.20	20.19		
15	64QAM	36	39	20.14	20.31	20.36		
15	64QAM	75	0	20.27	20.30	20.39		
15	256QAM	1	0	20.28	20.31	20.32	21.2	0.5
15	256QAM	1	37	20.24	20.48	20.26		
15	256QAM	1	74	20.37	20.24	20.36		
15	256QAM	36	0	20.33	20.42	20.32	21.2	0.5
15	256QAM	36	20	20.16	20.24	20.36		
15	256QAM	36	39	20.30	20.29	20.29		
15	256QAM	75	0	20.22	20.33	20.35		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.37	20.49	20.36	21.7	0
10	QPSK	1	25	20.45	20.41	20.30		
10	QPSK	1	49	20.25	20.41	20.29		
10	QPSK	25	0	20.17	20.43	20.21	21.7	0
10	QPSK	25	12	20.29	20.25	20.22		
10	QPSK	25	25	20.21	20.22	20.15		
10	QPSK	50	0	20.14	20.14	20.05		
10	16QAM	1	0	20.22	20.22	20.22	21.7	0
10	16QAM	1	25	20.26	20.14	20.24		
10	16QAM	1	49	20.21	20.16	20.26		
10	16QAM	25	0	20.31	20.23	20.22	21.7	0
10	16QAM	25	12	20.27	20.26	20.34		
10	16QAM	25	25	20.38	20.23	20.30		
10	16QAM	50	0	20.12	20.43	20.34		
10	64QAM	1	0	20.21	20.19	20.31	21.7	0
10	64QAM	1	25	20.20	20.21	20.39		
10	64QAM	1	49	20.25	20.40	20.35		
10	64QAM	25	0	20.35	20.31	20.30	21.7	0
10	64QAM	25	12	20.27	20.32	20.17		
10	64QAM	25	25	20.20	20.39	20.36		
10	64QAM	50	0	20.31	20.26	20.38		
10	256QAM	1	0	20.31	20.37	20.21	21.2	0.5
10	256QAM	1	25	20.10	20.41	20.25		
10	256QAM	1	49	20.27	20.25	20.28		
10	256QAM	25	0	20.26	20.42	20.36	21.2	0.5
10	256QAM	25	12	20.12	20.23	20.23		
10	256QAM	25	25	20.23	20.33	20.39		
10	256QAM	50	0	20.17	20.31	20.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.30	20.47	20.39	21.7	0
5	QPSK	1	12	20.35	20.39	20.32		
5	QPSK	1	24	20.41	20.41	20.28		
5	QPSK	12	0	20.20	20.31	20.22	21.7	0
5	QPSK	12	7	20.30	20.30	20.27		
5	QPSK	12	13	20.21	20.30	20.19		
5	QPSK	25	0	20.05	20.30	20.02		
5	16QAM	1	0	20.08	20.20	20.34	21.7	0
5	16QAM	1	12	20.20	20.18	20.22		
5	16QAM	1	24	20.13	20.10	20.18		
5	16QAM	12	0	20.34	20.27	20.27	21.7	0
5	16QAM	12	7	20.28	20.31	20.38		
5	16QAM	12	13	20.35	20.21	20.27		
5	16QAM	25	0	20.22	20.32	20.25		
5	64QAM	1	0	20.18	20.19	20.29	21.7	0
5	64QAM	1	12	20.20	20.27	20.28		
5	64QAM	1	24	20.32	20.44	20.38		
5	64QAM	12	0	20.38	20.26	20.27	21.7	0
5	64QAM	12	7	20.14	20.22	20.26		
5	64QAM	12	13	20.20	20.28	20.31		
5	64QAM	25	0	20.24	20.26	20.32		
5	256QAM	1	0	20.29	20.42	20.19	21.2	0.5
5	256QAM	1	12	20.15	20.44	20.18		
5	256QAM	1	24	20.38	20.30	20.37		
5	256QAM	12	0	20.22	20.30	20.28	21.2	0.5
5	256QAM	12	7	20.16	20.36	20.25		
5	256QAM	12	13	20.24	20.27	20.34		
5	256QAM	25	0	20.25	20.24	20.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.93	19.95	20.08	19.85	19.86	21.2	0
20	QPSK	1	49	19.85	19.97	19.98	19.98	19.95		
20	QPSK	1	99	19.80	19.85	19.89	19.89	19.88		
20	QPSK	50	0	19.72	19.70	20.00	19.78	19.74	21.2	0
20	QPSK	50	24	19.81	19.77	19.80	19.79	19.77		
20	QPSK	50	50	19.72	19.79	19.81	19.75	19.68		
20	QPSK	100	0	19.55	19.57	19.75	19.61	19.55		
20	16QAM	1	0	19.65	19.73	19.79	19.85	19.82	21.2	0
20	16QAM	1	49	19.69	19.75	19.73	19.85	19.81		
20	16QAM	1	99	19.62	19.74	19.66	19.77	19.66		
20	16QAM	50	0	19.77	19.86	19.74	19.69	19.73	21.2	0
20	16QAM	50	24	19.80	19.91	19.84	19.85	19.92		
20	16QAM	50	50	19.91	19.78	19.80	19.79	19.76		
20	16QAM	100	0	19.74	19.73	19.95	19.84	19.83		
20	64QAM	1	0	19.78	19.78	19.85	19.82	19.90	21.2	0
20	64QAM	1	49	19.74	19.71	19.79	19.92	19.83		
20	64QAM	1	99	19.75	19.85	19.87	19.85	19.89		
20	64QAM	50	0	19.79	19.84	19.88	19.77	19.86	21.2	0
20	64QAM	50	24	19.82	19.79	19.89	19.79	19.68		
20	64QAM	50	50	19.74	19.69	19.95	19.86	20.00		
20	64QAM	100	0	19.77	19.85	19.92	19.85	19.87		
20	256QAM	1	0	19.84	19.82	19.90	19.74	19.74	20.7	0.5
20	256QAM	1	49	19.67	19.76	20.01	19.86	19.87		
20	256QAM	1	99	19.83	19.90	19.82	19.88	19.79		
20	256QAM	50	0	19.81	19.76	19.96	19.78	19.86	20.7	0.5
20	256QAM	50	24	19.63	19.64	19.80	19.91	19.89		
20	256QAM	50	50	19.76	19.76	19.78	19.86	19.91		
20	256QAM	100	0	19.74	19.71	19.93	19.81	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.76	19.83	19.93	19.89	19.77	21	0
15	QPSK	1	37	19.77	19.88	19.85	19.77	19.74		
15	QPSK	1	74	19.74	19.73	19.87	19.71	19.76		
15	QPSK	36	0	19.65	19.57	19.89	19.70	19.66	21.2	0
15	QPSK	36	20	19.67	19.70	19.68	19.63	19.63		
15	QPSK	36	39	19.59	19.59	19.65	19.64	19.66		
15	QPSK	75	0	19.42	19.55	19.72	19.42	19.44		
15	16QAM	1	0	19.66	19.66	19.70	19.78	19.74	21.2	0
15	16QAM	1	37	19.70	19.64	19.54	19.69	19.64		
15	16QAM	1	74	19.62	19.60	19.64	19.65	19.57		
15	16QAM	36	0	19.71	19.72	19.63	19.59	19.64	21.2	0
15	16QAM	36	20	19.69	19.76	19.74	19.74	19.85		
15	16QAM	36	39	19.71	19.75	19.67	19.67	19.75		
15	16QAM	75	0	19.61	19.62	19.80	19.74	19.76		
15	64QAM	1	0	19.61	19.68	19.68	19.84	19.84	21.2	0
15	64QAM	1	37	19.74	19.67	19.64	19.68	19.81		
15	64QAM	1	74	19.72	19.66	19.82	19.69	19.78		
15	64QAM	36	0	19.72	19.79	19.83	19.73	19.67	21.2	0
15	64QAM	36	20	19.68	19.65	19.75	19.63	19.68		
15	64QAM	36	39	19.67	19.60	19.87	19.86	19.88		
15	64QAM	75	0	19.72	19.78	19.82	19.80	19.84		
15	256QAM	1	0	19.65	19.64	19.83	19.74	19.63	20.7	0.5
15	256QAM	1	37	19.62	19.66	19.86	19.71	19.70		
15	256QAM	1	74	19.84	19.69	19.77	19.68	19.72		
15	256QAM	36	0	19.68	19.76	19.82	19.73	19.66	20.7	0.5
15	256QAM	36	20	19.56	19.63	19.69	19.76	19.69		
15	256QAM	36	39	19.76	19.65	19.79	19.74	19.77		
15	256QAM	75	0	19.66	19.72	19.69	19.76	19.66		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.78	19.79	19.94	19.78	19.80	21	0
10	QPSK	1	25	19.81	19.79	19.82	19.84	19.85		
10	QPSK	1	49	19.79	19.73	19.85	19.82	19.79		
10	QPSK	25	0	19.71	19.60	19.86	19.76	19.74	21.2	0
10	QPSK	25	12	19.64	19.63	19.71	19.69	19.65		
10	QPSK	25	25	19.65	19.70	19.73	19.68	19.63		
10	QPSK	50	0	19.44	19.54	19.63	19.47	19.40		
10	16QAM	1	0	19.52	19.64	19.64	19.72	19.67	21.2	0
10	16QAM	1	25	19.64	19.57	19.54	19.64	19.74		
10	16QAM	1	49	19.57	19.62	19.57	19.68	19.62		
10	16QAM	25	0	19.71	19.77	19.67	19.59	19.71	21.2	0
10	16QAM	25	12	19.66	19.77	19.66	19.86	19.75		
10	16QAM	25	25	19.77	19.76	19.75	19.80	19.73		
10	16QAM	50	0	19.65	19.67	19.75	19.69	19.69		
10	64QAM	1	0	19.76	19.75	19.76	19.74	19.81	21.2	0
10	64QAM	1	25	19.66	19.60	19.69	19.75	19.81		
10	64QAM	1	49	19.76	19.68	19.89	19.79	19.69		
10	64QAM	25	0	19.67	19.67	19.81	19.68	19.77	21.2	0
10	64QAM	25	12	19.73	19.59	19.77	19.69	19.69		
10	64QAM	25	25	19.70	19.64	19.83	19.88	19.76		
10	64QAM	50	0	19.77	19.79	19.76	19.71	19.84		
10	256QAM	1	0	19.62	19.73	19.86	19.70	19.74	20.7	0.5
10	256QAM	1	25	19.60	19.67	19.96	19.75	19.78		
10	256QAM	1	49	19.73	19.84	19.77	19.66	19.78		
10	256QAM	25	0	19.64	19.76	19.89	19.71	19.72	20.7	0.5
10	256QAM	25	12	19.61	19.53	19.74	19.69	19.69		
10	256QAM	25	25	19.70	19.74	19.67	19.74	19.76		
10	256QAM	50	0	19.67	19.70	19.75	19.75	19.72		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.75	19.76	19.88	19.84	19.76	21	0
5	QPSK	1	12	19.79	19.75	19.81	19.80	19.78		
5	QPSK	1	24	19.69	19.82	19.85	19.72	19.77		
5	QPSK	12	0	19.72	19.62	19.74	19.71	19.70	21.2	0
5	QPSK	12	7	19.63	19.62	19.61	19.57	19.71		
5	QPSK	12	13	19.68	19.56	19.68	19.55	19.62		
5	QPSK	25	0	19.42	19.57	19.63	19.42	19.45		
5	16QAM	1	0	19.60	19.61	19.65	19.78	19.77	21.2	0
5	16QAM	1	12	19.63	19.55	19.55	19.72	19.62		
5	16QAM	1	24	19.56	19.63	19.66	19.58	19.67		
5	16QAM	12	0	19.66	19.75	19.59	19.63	19.67	21.2	0
5	16QAM	12	7	19.67	19.65	19.68	19.82	19.73		
5	16QAM	12	13	19.68	19.78	19.68	19.73	19.72		
5	16QAM	25	0	19.57	19.69	19.75	19.73	19.76	21.2	0
5	64QAM	1	0	19.70	19.74	19.72	19.79	19.83		
5	64QAM	1	12	19.62	19.63	19.65	19.72	19.73		
5	64QAM	1	24	19.71	19.70	19.84	19.75	19.82		
5	64QAM	12	0	19.68	19.70	19.80	19.75	19.62	21.2	0
5	64QAM	12	7	19.68	19.64	19.75	19.68	19.66		
5	64QAM	12	13	19.61	19.71	19.85	19.86	19.81		
5	64QAM	25	0	19.68	19.77	19.76	19.72	19.78		
5	256QAM	1	0	19.77	19.74	19.79	19.65	19.62	20.7	0.5
5	256QAM	1	12	19.61	19.82	19.93	19.63	19.78		
5	256QAM	1	24	19.72	19.82	19.70	19.71	19.74		
5	256QAM	12	0	19.65	19.65	19.79	19.76	19.77	20.7	0.5
5	256QAM	12	7	19.60	19.58	19.80	19.67	19.74		
5	256QAM	12	13	19.61	19.72	19.76	19.81	19.75		
5	256QAM	25	0	19.70	19.70	19.80	19.79	19.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.38	18.61	18.57	20	0
20	QPSK	1	49	18.55	18.51	18.45		
20	QPSK	1	99	18.37	18.50	18.35		
20	QPSK	50	0	18.34	18.43	18.41	20	0
20	QPSK	50	24	18.40	18.40	18.35		
20	QPSK	50	50	18.37	18.42	18.23		
20	QPSK	100	0	18.23	18.28	18.26		
20	16QAM	1	0	18.27	18.32	18.38	20	0
20	16QAM	1	49	18.27	18.35	18.33		
20	16QAM	1	99	18.27	18.22	18.32		
20	16QAM	50	0	18.33	18.26	18.41	20	0
20	16QAM	50	24	18.33	18.33	18.43		
20	16QAM	50	50	18.48	18.43	18.43		
20	16QAM	100	0	18.32	18.56	18.41		
20	64QAM	1	0	18.40	18.39	18.48	20	0
20	64QAM	1	49	18.35	18.30	18.44		
20	64QAM	1	99	18.33	18.57	18.37		
20	64QAM	50	0	18.35	18.47	18.29	20	0
20	64QAM	50	24	18.38	18.45	18.26		
20	64QAM	50	50	18.25	18.54	18.48		
20	64QAM	100	0	18.40	18.37	18.47		
20	256QAM	1	0	18.30	18.43	18.38	20	0
20	256QAM	1	49	18.22	18.48	18.40		
20	256QAM	1	99	18.38	18.50	18.36		
20	256QAM	50	0	18.37	18.41	18.40	20	0
20	256QAM	50	24	18.29	18.45	18.38		
20	256QAM	50	50	18.34	18.42	18.49		
20	256QAM	100	0	18.35	18.47	18.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.24	18.37	18.29	20	0
15	QPSK	1	37	18.30	18.30	18.21		
15	QPSK	1	74	18.11	18.27	18.23		
15	QPSK	36	0	18.09	18.24	18.13	20	0
15	QPSK	36	20	18.11	18.04	18.08		
15	QPSK	36	39	18.07	18.17	18.01		
15	QPSK	75	0	18.08	18.10	18.06		
15	16QAM	1	0	18.06	18.11	18.04	20	0
15	16QAM	1	37	18.05	18.00	18.07		
15	16QAM	1	74	18.01	18.04	18.10		
15	16QAM	36	0	18.15	18.10	18.09	20	0
15	16QAM	36	20	18.09	18.06	18.16		
15	16QAM	36	39	18.22	18.14	18.21		
15	16QAM	75	0	18.08	18.28	18.20		
15	64QAM	1	0	18.15	18.15	18.19	20	0
15	64QAM	1	37	18.04	18.16	18.25		
15	64QAM	1	74	18.20	18.19	18.12		
15	64QAM	36	0	18.11	18.11	18.06	20	0
15	64QAM	36	20	18.07	18.11	18.12		
15	64QAM	36	39	18.13	18.22	18.19		
15	64QAM	75	0	18.12	18.22	18.19		
15	256QAM	1	0	18.05	18.15	18.04	20	0
15	256QAM	1	37	18.01	18.30	18.09		
15	256QAM	1	74	18.23	18.09	18.21		
15	256QAM	36	0	18.19	18.26	18.18	20	0
15	256QAM	36	20	18.05	18.11	18.19		
15	256QAM	36	39	18.04	18.15	18.12		
15	256QAM	75	0	18.12	18.09	18.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.20	18.33	18.30	20	0
10	QPSK	1	25	18.21	18.30	18.20		
10	QPSK	1	49	18.18	18.18	18.17		
10	QPSK	25	0	18.06	18.31	18.15	20	0
10	QPSK	25	12	18.14	18.08	18.04		
10	QPSK	25	25	18.09	18.12	18.08		
10	QPSK	50	0	18.05	18.14	18.02		
10	16QAM	1	0	18.04	18.08	18.08	20	0
10	16QAM	1	25	18.08	18.08	18.05		
10	16QAM	1	49	18.05	18.07	18.07		
10	16QAM	25	0	18.05	18.13	18.04	20	0
10	16QAM	25	12	18.09	18.10	18.25		
10	16QAM	25	25	18.22	18.14	18.13		
10	16QAM	50	0	18.12	18.23	18.09		
10	64QAM	1	0	18.11	18.14	18.12	20	0
10	64QAM	1	25	18.12	18.01	18.22		
10	64QAM	1	49	18.10	18.19	18.17		
10	64QAM	25	0	18.11	18.14	18.10	20	0
10	64QAM	25	12	18.15	18.16	18.00		
10	64QAM	25	25	18.06	18.15	18.28		
10	64QAM	50	0	18.16	18.18	18.23		
10	256QAM	1	0	18.03	18.18	18.06	20	0
10	256QAM	1	25	18.09	18.35	18.17		
10	256QAM	1	49	18.26	18.16	18.18		
10	256QAM	25	0	18.10	18.17	18.13	20	0
10	256QAM	25	12	18.04	18.17	18.12		
10	256QAM	25	25	18.13	18.22	18.24		
10	256QAM	50	0	18.05	18.21	18.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.27	18.32	18.18	20	0
5	QPSK	1	12	18.28	18.19	18.30		
5	QPSK	1	24	18.18	18.28	18.19		
5	QPSK	12	0	18.07	18.19	18.09	20	0
5	QPSK	12	7	18.03	18.15	18.01		
5	QPSK	12	13	18.08	18.12	18.06		
5	QPSK	25	0	18.07	18.11	18.04		
5	16QAM	1	0	18.00	18.11	18.06	20	0
5	16QAM	1	12	18.02	18.06	18.03		
5	16QAM	1	24	18.02	18.09	18.04		
5	16QAM	12	0	18.10	18.07	18.08	20	0
5	16QAM	12	7	18.18	18.11	18.27		
5	16QAM	12	13	18.19	18.09	18.23		
5	16QAM	25	0	18.01	18.28	18.16		
5	64QAM	1	0	18.09	18.08	18.18	20	0
5	64QAM	1	12	18.09	18.03	18.11		
5	64QAM	1	24	18.08	18.21	18.14		
5	64QAM	12	0	18.15	18.13	18.17	20	0
5	64QAM	12	7	18.07	18.08	18.06		
5	64QAM	12	13	18.02	18.21	18.23		
5	64QAM	25	0	18.19	18.23	18.11		
5	256QAM	1	0	18.06	18.22	18.05	20	0
5	256QAM	1	12	18.06	18.34	18.08		
5	256QAM	1	24	18.11	18.15	18.13		
5	256QAM	12	0	18.07	18.20	18.11	20	0
5	256QAM	12	7	18.03	18.23	18.14		
5	256QAM	12	13	18.15	18.17	18.12		
5	256QAM	25	0	18.14	18.17	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.13	18.40	18.29	20	0
3	QPSK	1	8	18.19	18.26	18.21		
3	QPSK	1	14	18.15	18.18	18.13		
3	QPSK	8	0	18.03	18.28	18.07	20	0
3	QPSK	8	4	18.08	18.12	18.01		
3	QPSK	8	7	18.07	18.12	18.01		
3	QPSK	15	0	18.05	18.09	18.09		
3	16QAM	1	0	18.07	18.04	18.17	20	0
3	16QAM	1	8	18.02	18.08	18.16		
3	16QAM	1	14	18.03	18.00	18.03		
3	16QAM	8	0	18.06	18.00	18.02	20	0
3	16QAM	8	4	18.19	18.02	18.24		
3	16QAM	8	7	18.08	18.07	18.09		
3	16QAM	15	0	18.03	18.26	18.08		
3	64QAM	1	0	18.11	18.14	18.17	20	0
3	64QAM	1	8	18.04	18.06	18.10		
3	64QAM	1	14	18.09	18.30	18.16		
3	64QAM	8	0	18.21	18.26	18.15	20	0
3	64QAM	8	4	18.15	18.19	18.05		
3	64QAM	8	7	18.06	18.14	18.29		
3	64QAM	15	0	18.10	18.21	18.20		
3	256QAM	1	0	18.14	18.25	18.11	20	0
3	256QAM	1	8	18.03	18.36	18.08		
3	256QAM	1	14	18.15	18.13	18.07		
3	256QAM	8	0	18.09	18.22	18.16	20	0
3	256QAM	8	4	18.06	18.20	18.18		
3	256QAM	8	7	18.01	18.15	18.20		
3	256QAM	15	0	18.09	18.21	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.18	18.39	18.20	20	0
1.4	QPSK	1	3	18.21	18.19	18.26		
1.4	QPSK	1	5	18.21	18.25	18.19		
1.4	QPSK	3	0	18.02	18.28	18.08		
1.4	QPSK	3	1	18.12	18.06	18.08		
1.4	QPSK	3	3	18.08	18.16	18.08		
1.4	QPSK	6	0	18.02	18.04	18.07	20	0
1.4	16QAM	1	0	18.06	18.01	18.05	20	0
1.4	16QAM	1	3	18.00	18.04	18.16		
1.4	16QAM	1	5	18.06	18.01	18.01		
1.4	16QAM	3	0	18.15	18.14	18.15		
1.4	16QAM	3	1	18.17	18.10	18.22		
1.4	16QAM	3	3	18.22	18.11	18.17		
1.4	16QAM	6	0	18.04	18.21	18.10	20	0
1.4	64QAM	1	0	18.04	18.04	18.23	20	0
1.4	64QAM	1	3	18.06	18.06	18.09		
1.4	64QAM	1	5	18.14	18.28	18.13		
1.4	64QAM	3	0	18.22	18.14	18.18		
1.4	64QAM	3	1	18.07	18.05	18.05		
1.4	64QAM	3	3	18.12	18.29	18.17		
1.4	64QAM	6	0	18.13	18.22	18.20	20	0
1.4	256QAM	1	0	18.06	18.25	18.05	20	0
1.4	256QAM	1	3	18.05	18.29	18.05		
1.4	256QAM	1	5	18.21	18.23	18.22		
1.4	256QAM	3	0	18.03	18.19	18.07		
1.4	256QAM	3	1	18.02	18.16	18.15		
1.4	256QAM	3	3	18.15	18.12	18.12		
1.4	256QAM	6	0	18.08	18.11	18.07	20	0

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.69	19.77	19.68	20.7	0
20	QPSK	1	49	19.60	19.74	19.65		
20	QPSK	1	99	19.53	19.64	19.65		
20	QPSK	50	0	19.48	19.62	19.59	20.7	0
20	QPSK	50	24	19.56	19.47	19.48		
20	QPSK	50	50	19.51	19.45	19.52		
20	QPSK	100	0	19.26	19.44	19.34		
20	16QAM	1	0	19.37	19.55	19.59	20.7	0
20	16QAM	1	49	19.44	19.37	19.50		
20	16QAM	1	99	19.34	19.40	19.45		
20	16QAM	50	0	19.54	19.50	19.51	20.7	0
20	16QAM	50	24	19.53	19.56	19.64		
20	16QAM	50	50	19.62	19.49	19.56		
20	16QAM	100	0	19.42	19.71	19.53		
20	64QAM	1	0	19.58	19.48	19.65	20.7	0
20	64QAM	1	49	19.51	19.47	19.60		
20	64QAM	1	99	19.59	19.70	19.51		
20	64QAM	50	0	19.62	19.55	19.54	20.7	0
20	64QAM	50	24	19.45	19.51	19.55		
20	64QAM	50	50	19.55	19.65	19.70		
20	64QAM	100	0	19.51	19.52	19.59		
20	256QAM	1	0	19.49	19.68	19.59	20.7	0
20	256QAM	1	49	19.42	19.71	19.50		
20	256QAM	1	99	19.56	19.51	19.53		
20	256QAM	50	0	19.45	19.70	19.49	20.7	0
20	256QAM	50	24	19.38	19.63	19.50		
20	256QAM	50	50	19.52	19.55	19.57		
20	256QAM	100	0	19.54	19.65	19.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.56	19.64	19.48	20.7	0
15	QPSK	1	37	19.50	19.62	19.50		
15	QPSK	1	74	19.57	19.57	19.53		
15	QPSK	36	0	19.38	19.49	19.39	20.7	0
15	QPSK	36	20	19.36	19.46	19.32		
15	QPSK	36	39	19.37	19.41	19.32		
15	QPSK	75	0	19.31	19.37	19.18		
15	16QAM	1	0	19.35	19.38	19.47	20.7	0
15	16QAM	1	37	19.42	19.32	19.46		
15	16QAM	1	74	19.35	19.38	19.37		
15	16QAM	36	0	19.46	19.36	19.47	20.7	0
15	16QAM	36	20	19.50	19.43	19.58		
15	16QAM	36	39	19.41	19.47	19.46		
15	16QAM	75	0	19.43	19.54	19.45		
15	64QAM	1	0	19.49	19.40	19.58	20.7	0
15	64QAM	1	37	19.43	19.37	19.54		
15	64QAM	1	74	19.50	19.58	19.44		
15	64QAM	36	0	19.49	19.53	19.35	20.7	0
15	64QAM	36	20	19.44	19.48	19.39		
15	64QAM	36	39	19.44	19.52	19.53		
15	64QAM	75	0	19.50	19.46	19.53		
15	256QAM	1	0	19.46	19.50	19.50	20.7	0
15	256QAM	1	37	19.35	19.59	19.42		
15	256QAM	1	74	19.56	19.56	19.38		
15	256QAM	36	0	19.36	19.49	19.54	20.7	0
15	256QAM	36	20	19.37	19.40	19.39		
15	256QAM	36	39	19.42	19.39	19.54		
15	256QAM	75	0	19.42	19.50	19.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.63	19.57	20.7	0
10	QPSK	1	25	19.56	19.60	19.59		
10	QPSK	1	49	19.42	19.49	19.42		
10	QPSK	25	0	19.37	19.58	19.35	20.7	0
10	QPSK	25	12	19.33	19.46	19.44		
10	QPSK	25	25	19.34	19.49	19.32		
10	QPSK	50	0	19.29	19.47	19.23		
10	16QAM	1	0	19.25	19.45	19.43	20.7	0
10	16QAM	1	25	19.32	19.28	19.39		
10	16QAM	1	49	19.33	19.38	19.35		
10	16QAM	25	0	19.44	19.41	19.37	20.7	0
10	16QAM	25	12	19.52	19.45	19.52		
10	16QAM	25	25	19.51	19.35	19.48		
10	16QAM	50	0	19.31	19.52	19.55		
10	64QAM	1	0	19.42	19.44	19.55	20.7	0
10	64QAM	1	25	19.34	19.36	19.47		
10	64QAM	1	49	19.38	19.48	19.43		
10	64QAM	25	0	19.39	19.48	19.34	20.7	0
10	64QAM	25	12	19.40	19.39	19.35		
10	64QAM	25	25	19.37	19.59	19.62		
10	64QAM	50	0	19.49	19.45	19.50		
10	256QAM	1	0	19.38	19.50	19.38	20.7	0
10	256QAM	1	25	19.35	19.65	19.51		
10	256QAM	1	49	19.48	19.41	19.47		
10	256QAM	25	0	19.44	19.48	19.48	20.7	0
10	256QAM	25	12	19.29	19.44	19.47		
10	256QAM	25	25	19.34	19.53	19.51		
10	256QAM	50	0	19.45	19.43	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.46	19.58	19.55	20.7	0
5	QPSK	1	12	19.62	19.64	19.51		
5	QPSK	1	24	19.53	19.55	19.41		
5	QPSK	12	0	19.31	19.52	19.41	20.7	0
5	QPSK	12	7	19.36	19.46	19.35		
5	QPSK	12	13	19.44	19.46	19.28		
5	QPSK	25	0	19.27	19.44	19.28		
5	16QAM	1	0	19.36	19.33	19.46	20.7	0
5	16QAM	1	12	19.35	19.31	19.47		
5	16QAM	1	24	19.33	19.29	19.41		
5	16QAM	12	0	19.38	19.32	19.41	20.7	0
5	16QAM	12	7	19.39	19.41	19.52		
5	16QAM	12	13	19.47	19.39	19.41		
5	16QAM	25	0	19.31	19.52	19.49		
5	64QAM	1	0	19.47	19.46	19.43	20.7	0
5	64QAM	1	12	19.35	19.45	19.43		
5	64QAM	1	24	19.42	19.60	19.40		
5	64QAM	12	0	19.39	19.44	19.42	20.7	0
5	64QAM	12	7	19.43	19.52	19.37		
5	64QAM	12	13	19.37	19.52	19.63		
5	64QAM	25	0	19.43	19.45	19.55		
5	256QAM	1	0	19.39	19.58	19.45	20.7	0
5	256QAM	1	12	19.35	19.57	19.47		
5	256QAM	1	24	19.57	19.53	19.48		
5	256QAM	12	0	19.36	19.46	19.45	20.7	0
5	256QAM	12	7	19.36	19.52	19.54		
5	256QAM	12	13	19.42	19.45	19.48		
5	256QAM	25	0	19.33	19.55	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.56	19.66	19.61	20.7	0
3	QPSK	1	8	19.57	19.65	19.50		
3	QPSK	1	14	19.55	19.55	19.52		
3	QPSK	8	0	19.34	19.54	19.42	20.7	0
3	QPSK	8	4	19.46	19.45	19.32		
3	QPSK	8	7	19.37	19.38	19.28		
3	QPSK	15	0	19.28	19.47	19.24		
3	16QAM	1	0	19.27	19.35	19.39	20.7	0
3	16QAM	1	8	19.33	19.36	19.35		
3	16QAM	1	14	19.28	19.39	19.38		
3	16QAM	8	0	19.43	19.32	19.45	20.7	0
3	16QAM	8	4	19.48	19.47	19.53		
3	16QAM	8	7	19.55	19.44	19.50		
3	16QAM	15	0	19.34	19.59	19.55		
3	64QAM	1	0	19.42	19.43	19.50	20.7	0
3	64QAM	1	8	19.43	19.38	19.48		
3	64QAM	1	14	19.48	19.62	19.46		
3	64QAM	8	0	19.43	19.55	19.46	20.7	0
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.33	19.60	19.58		
3	64QAM	15	0	19.37	19.46	19.52		
3	256QAM	1	0	19.34	19.49	19.43	20.7	0
3	256QAM	1	8	19.33	19.53	19.38		
3	256QAM	1	14	19.42	19.41	19.42		
3	256QAM	8	0	19.38	19.60	19.52	20.7	0
3	256QAM	8	4	19.41	19.45	19.49		
3	256QAM	8	7	19.36	19.49	19.52		
3	256QAM	15	0	19.42	19.56	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.55	19.70	19.50	20.7	0
1.4	QPSK	1	3	19.61	19.56	19.56		
1.4	QPSK	1	5	19.46	19.50	19.55		
1.4	QPSK	3	0	19.39	19.63	19.41		
1.4	QPSK	3	1	19.48	19.45	19.40		
1.4	QPSK	3	3	19.31	19.46	19.36		
1.4	QPSK	6	0	19.22	19.41	19.17	20.7	0
1.4	16QAM	1	0	19.39	19.39	19.50	20.7	0
1.4	16QAM	1	3	19.30	19.29	19.44		
1.4	16QAM	1	5	19.30	19.33	19.35		
1.4	16QAM	3	0	19.42	19.43	19.34		
1.4	16QAM	3	1	19.43	19.40	19.49		
1.4	16QAM	3	3	19.55	19.46	19.43		
1.4	16QAM	6	0	19.38	19.52	19.49	20.7	0
1.4	64QAM	1	0	19.42	19.39	19.54	20.7	0
1.4	64QAM	1	3	19.34	19.47	19.51		
1.4	64QAM	1	5	19.50	19.50	19.50		
1.4	64QAM	3	0	19.51	19.52	19.45		
1.4	64QAM	3	1	19.40	19.37	19.40		
1.4	64QAM	3	3	19.40	19.61	19.63		
1.4	64QAM	6	0	19.44	19.46	19.52	20.7	0
1.4	256QAM	1	0	19.50	19.57	19.48	20.7	0
1.4	256QAM	1	3	19.33	19.58	19.36		
1.4	256QAM	1	5	19.46	19.53	19.42		
1.4	256QAM	3	0	19.37	19.50	19.41		
1.4	256QAM	3	1	19.34	19.54	19.42		
1.4	256QAM	3	3	19.40	19.46	19.56		
1.4	256QAM	6	0	19.42	19.42	19.42	20.7	0

Band 7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.49	19.69	19.61	20.7	0
20	QPSK	1	49	19.57	19.66	19.49		
20	QPSK	1	99	19.50	19.52	19.55		
20	QPSK	50	0	19.35	19.62	19.41	20.7	0
20	QPSK	50	24	19.41	19.37	19.31		
20	QPSK	50	50	19.32	19.40	19.41		
20	QPSK	100	0	19.25	19.33	19.29		
20	16QAM	1	0	19.27	19.48	19.48	20.7	0
20	16QAM	1	49	19.31	19.27	19.40		
20	16QAM	1	99	19.32	19.33	19.28		
20	16QAM	50	0	19.45	19.44	19.46	20.7	0
20	16QAM	50	24	19.45	19.47	19.52		
20	16QAM	50	50	19.52	19.46	19.49		
20	16QAM	100	0	19.29	19.54	19.43		
20	64QAM	1	0	19.45	19.49	19.55	20.7	0
20	64QAM	1	49	19.48	19.37	19.45		
20	64QAM	1	99	19.52	19.58	19.46		
20	64QAM	50	0	19.53	19.51	19.47	20.7	0
20	64QAM	50	24	19.42	19.46	19.46		
20	64QAM	50	50	19.43	19.61	19.52		
20	64QAM	100	0	19.40	19.42	19.52		
20	256QAM	1	0	19.35	19.57	19.42	20.7	0
20	256QAM	1	49	19.39	19.61	19.47		
20	256QAM	1	99	19.49	19.56	19.40		
20	256QAM	50	0	19.38	19.59	19.53	20.7	0
20	256QAM	50	24	19.35	19.57	19.48		
20	256QAM	50	50	19.35	19.51	19.47		
20	256QAM	100	0	19.46	19.45	19.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.35	19.56	19.49	20.7	0
15	QPSK	1	37	19.41	19.46	19.45		
15	QPSK	1	74	19.40	19.42	19.33		
15	QPSK	36	0	19.29	19.50	19.32	20.7	0
15	QPSK	36	20	19.24	19.40	19.23		
15	QPSK	36	39	19.33	19.29	19.28		
15	QPSK	75	0	19.07	19.35	19.08		
15	16QAM	1	0	19.30	19.30	19.40	20.7	0
15	16QAM	1	37	19.19	19.31	19.37		
15	16QAM	1	74	19.17	19.17	19.26		
15	16QAM	36	0	19.40	19.28	19.23	20.7	0
15	16QAM	36	20	19.38	19.27	19.48		
15	16QAM	36	39	19.46	19.37	19.42		
15	16QAM	75	0	19.25	19.52	19.40		
15	64QAM	1	0	19.40	19.41	19.38	20.7	0
15	64QAM	1	37	19.37	19.39	19.44		
15	64QAM	1	74	19.32	19.47	19.41		
15	64QAM	36	0	19.37	19.41	19.28	20.7	0
15	64QAM	36	20	19.24	19.28	19.28		
15	64QAM	36	39	19.31	19.45	19.52		
15	64QAM	75	0	19.43	19.37	19.49		
15	256QAM	1	0	19.40	19.45	19.39	20.7	0
15	256QAM	1	37	19.32	19.59	19.30		
15	256QAM	1	74	19.46	19.37	19.39		
15	256QAM	36	0	19.29	19.40	19.32	20.7	0
15	256QAM	36	20	19.26	19.35	19.42		
15	256QAM	36	39	19.35	19.44	19.34		
15	256QAM	75	0	19.28	19.34	19.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.38	19.56	19.40	20.7	0
10	QPSK	1	25	19.44	19.56	19.53		
10	QPSK	1	49	19.35	19.52	19.34		
10	QPSK	25	0	19.28	19.45	19.32	20.7	0
10	QPSK	25	12	19.36	19.38	19.32		
10	QPSK	25	25	19.28	19.27	19.26		
10	QPSK	50	0	19.18	19.26	19.13		
10	16QAM	1	0	19.22	19.24	19.39	20.7	0
10	16QAM	1	25	19.31	19.26	19.32		
10	16QAM	1	49	19.21	19.29	19.30		
10	16QAM	25	0	19.40	19.31	19.35	20.7	0
10	16QAM	25	12	19.33	19.40	19.36		
10	16QAM	25	25	19.34	19.31	19.32		
10	16QAM	50	0	19.28	19.41	19.43		
10	64QAM	1	0	19.26	19.26	19.47	20.7	0
10	64QAM	1	25	19.25	19.33	19.42		
10	64QAM	1	49	19.37	19.39	19.32		
10	64QAM	25	0	19.41	19.43	19.30	20.7	0
10	64QAM	25	12	19.28	19.41	19.23		
10	64QAM	25	25	19.34	19.37	19.53		
10	64QAM	50	0	19.36	19.41	19.44		
10	256QAM	1	0	19.27	19.39	19.34	20.7	0
10	256QAM	1	25	19.21	19.60	19.37		
10	256QAM	1	49	19.47	19.35	19.32		
10	256QAM	25	0	19.33	19.38	19.34	20.7	0
10	256QAM	25	12	19.25	19.32	19.43		
10	256QAM	25	25	19.25	19.33	19.39		
10	256QAM	50	0	19.36	19.42	19.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.37	19.49	19.39	20.7	0
5	QPSK	1	12	19.54	19.56	19.49		
5	QPSK	1	24	19.46	19.47	19.44		
5	QPSK	12	0	19.34	19.50	19.39	20.7	0
5	QPSK	12	7	19.39	19.28	19.32		
5	QPSK	12	13	19.29	19.37	19.30		
5	QPSK	25	0	19.14	19.23	19.13		
5	16QAM	1	0	19.17	19.27	19.33	20.7	0
5	16QAM	1	12	19.19	19.24	19.36		
5	16QAM	1	24	19.22	19.24	19.20		
5	16QAM	12	0	19.38	19.36	19.25	20.7	0
5	16QAM	12	7	19.37	19.33	19.48		
5	16QAM	12	13	19.40	19.40	19.36		
5	16QAM	25	0	19.33	19.46	19.43		
5	64QAM	1	0	19.38	19.28	19.42	20.7	0
5	64QAM	1	12	19.27	19.30	19.43		
5	64QAM	1	24	19.42	19.54	19.45		
5	64QAM	12	0	19.35	19.46	19.40	20.7	0
5	64QAM	12	7	19.28	19.37	19.28		
5	64QAM	12	13	19.31	19.41	19.42		
5	64QAM	25	0	19.30	19.32	19.35		
5	256QAM	1	0	19.37	19.42	19.31	20.7	0
5	256QAM	1	12	19.30	19.54	19.37		
5	256QAM	1	24	19.42	19.36	19.41		
5	256QAM	12	0	19.40	19.48	19.43	20.7	0
5	256QAM	12	7	19.28	19.40	19.34		
5	256QAM	12	13	19.32	19.39	19.41		
5	256QAM	25	0	19.39	19.37	19.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.06	19.25	19.09	20.5	0
20	QPSK	1	49	19.07	19.16	19.05		
20	QPSK	1	99	19.01	19.12	19.03		
20	QPSK	50	0	18.94	19.03	18.99	20.5	0
20	QPSK	50	24	18.92	18.91	18.94		
20	QPSK	50	50	18.94	18.98	18.88		
20	QPSK	100	0	18.79	18.91	18.78		
20	16QAM	1	0	18.86	18.95	18.95	20.5	0
20	16QAM	1	49	18.90	18.83	19.00		
20	16QAM	1	99	18.89	18.81	18.91		
20	16QAM	50	0	19.01	18.92	19.02	20.5	0
20	16QAM	50	24	18.95	19.00	19.07		
20	16QAM	50	50	19.01	18.99	19.08		
20	16QAM	100	0	18.90	19.04	19.07		
20	64QAM	1	0	18.90	18.95	19.04	20.5	0
20	64QAM	1	49	18.90	18.91	19.08		
20	64QAM	1	99	18.94	19.07	19.04		
20	64QAM	50	0	19.08	19.01	18.97	20.5	0
20	64QAM	50	24	18.94	19.01	18.98		
20	64QAM	50	50	18.98	19.12	19.09		
20	64QAM	100	0	19.06	19.06	19.01		
20	256QAM	1	0	18.95	19.02	18.91	20.5	0
20	256QAM	1	49	18.88	19.09	18.91		
20	256QAM	1	99	19.09	19.07	18.96		
20	256QAM	50	0	18.94	19.10	19.04	20.5	0
20	256QAM	50	24	18.81	19.08	19.02		
20	256QAM	50	50	18.98	19.03	19.07		
20	256QAM	100	0	19.03	19.08	19.05		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.72	18.90	18.77	20.5	0
15	QPSK	1	37	18.76	18.83	18.82		
15	QPSK	1	74	18.72	18.84	18.82		
15	QPSK	36	0	18.57	18.84	18.64	20.5	0
15	QPSK	36	20	18.60	18.69	18.58		
15	QPSK	36	39	18.67	18.70	18.69		
15	QPSK	75	0	18.54	18.62	18.54		
15	16QAM	1	0	18.62	18.65	18.66	20.5	0
15	16QAM	1	37	18.64	18.56	18.66		
15	16QAM	1	74	18.57	18.52	18.63		
15	16QAM	36	0	18.74	18.62	18.64	20.5	0
15	16QAM	36	20	18.69	18.65	18.83		
15	16QAM	36	39	18.80	18.75	18.77		
15	16QAM	75	0	18.68	18.77	18.69		
15	64QAM	1	0	18.64	18.66	18.74	20.5	0
15	64QAM	1	37	18.61	18.61	18.70		
15	64QAM	1	74	18.78	18.82	18.70		
15	64QAM	36	0	18.69	18.70	18.61	20.5	0
15	64QAM	36	20	18.59	18.69	18.68		
15	64QAM	36	39	18.62	18.86	18.80		
15	64QAM	75	0	18.70	18.82	18.79		
15	256QAM	1	0	18.74	18.83	18.75	20.5	0
15	256QAM	1	37	18.65	18.84	18.71		
15	256QAM	1	74	18.71	18.79	18.77		
15	256QAM	36	0	18.63	18.82	18.72	20.5	0
15	256QAM	36	20	18.62	18.79	18.73		
15	256QAM	36	39	18.62	18.81	18.72		
15	256QAM	75	0	18.72	18.71	18.80		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.85	18.87	18.74	20.5	0
10	QPSK	1	25	18.81	18.79	18.81		
10	QPSK	1	49	18.85	18.80	18.77		
10	QPSK	25	0	18.64	18.80	18.63	20.5	0
10	QPSK	25	12	18.74	18.73	18.67		
10	QPSK	25	25	18.61	18.69	18.67		
10	QPSK	50	0	18.52	18.60	18.53		
10	16QAM	1	0	18.52	18.71	18.66	20.5	0
10	16QAM	1	25	18.61	18.52	18.67		
10	16QAM	1	49	18.51	18.59	18.67		
10	16QAM	25	0	18.66	18.70	18.67	20.5	0
10	16QAM	25	12	18.76	18.60	18.82		
10	16QAM	25	25	18.68	18.62	18.66		
10	16QAM	50	0	18.71	18.85	18.69		
10	64QAM	1	0	18.65	18.69	18.79	20.5	0
10	64QAM	1	25	18.71	18.66	18.81		
10	64QAM	1	49	18.64	18.87	18.80		
10	64QAM	25	0	18.78	18.82	18.72	20.5	0
10	64QAM	25	12	18.71	18.67	18.61		
10	64QAM	25	25	18.57	18.75	18.83		
10	64QAM	50	0	18.66	18.76	18.78		
10	256QAM	1	0	18.70	18.78	18.76	20.5	0
10	256QAM	1	25	18.53	18.81	18.75		
10	256QAM	1	49	18.84	18.78	18.67		
10	256QAM	25	0	18.75	18.78	18.68	20.5	0
10	256QAM	25	12	18.55	18.69	18.75		
10	256QAM	25	25	18.75	18.66	18.79		
10	256QAM	50	0	18.71	18.67	18.66		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.84	18.88	18.79	20.5	0
5	QPSK	1	12	18.76	18.79	18.90		
5	QPSK	1	24	18.70	18.80	18.73		
5	QPSK	12	0	18.71	18.85	18.67	20.5	0
5	QPSK	12	7	18.63	18.64	18.68		
5	QPSK	12	13	18.65	18.76	18.61		
5	QPSK	25	0	18.53	18.66	18.56		
5	16QAM	1	0	18.61	18.59	18.68	20.5	0
5	16QAM	1	12	18.58	18.55	18.68		
5	16QAM	1	24	18.53	18.59	18.59		
5	16QAM	12	0	18.66	18.72	18.70	20.5	0
5	16QAM	12	7	18.71	18.68	18.82		
5	16QAM	12	13	18.78	18.62	18.73		
5	16QAM	25	0	18.57	18.88	18.74		
5	64QAM	1	0	18.72	18.66	18.73	20.5	0
5	64QAM	1	12	18.62	18.76	18.71		
5	64QAM	1	24	18.63	18.80	18.70		
5	64QAM	12	0	18.77	18.78	18.69	20.5	0
5	64QAM	12	7	18.68	18.79	18.59		
5	64QAM	12	13	18.65	18.82	18.83		
5	64QAM	25	0	18.72	18.71	18.79		
5	256QAM	1	0	18.77	18.79	18.74	20.5	0
5	256QAM	1	12	18.53	18.95	18.69		
5	256QAM	1	24	18.85	18.74	18.80		
5	256QAM	12	0	18.76	18.73	18.70	20.5	0
5	256QAM	12	7	18.68	18.75	18.78		
5	256QAM	12	13	18.64	18.69	18.82		
5	256QAM	25	0	18.61	18.80	18.72		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.72	18.86	18.78	20.5	0
3	QPSK	1	8	18.76	18.79	18.90		
3	QPSK	1	14	18.83	18.74	18.69		
3	QPSK	8	0	18.66	18.82	18.61	20.5	0
3	QPSK	8	4	18.62	18.72	18.56		
3	QPSK	8	7	18.56	18.74	18.54		
3	QPSK	15	0	18.58	18.59	18.51		
3	16QAM	1	0	18.61	18.59	18.66	20.5	0
3	16QAM	1	8	18.59	18.67	18.70		
3	16QAM	1	14	18.61	18.52	18.64		
3	16QAM	8	0	18.67	18.70	18.62	20.5	0
3	16QAM	8	4	18.77	18.62	18.85		
3	16QAM	8	7	18.76	18.73	18.79		
3	16QAM	15	0	18.61	18.85	18.74		
3	64QAM	1	0	18.64	18.71	18.74	20.5	0
3	64QAM	1	8	18.67	18.75	18.81		
3	64QAM	1	14	18.68	18.89	18.78		
3	64QAM	8	0	18.72	18.78	18.70	20.5	0
3	64QAM	8	4	18.64	18.68	18.58		
3	64QAM	8	7	18.63	18.76	18.81		
3	64QAM	15	0	18.77	18.72	18.82		
3	256QAM	1	0	18.71	18.77	18.75	20.5	0
3	256QAM	1	8	18.54	18.91	18.75		
3	256QAM	1	14	18.82	18.68	18.80		
3	256QAM	8	0	18.73	18.86	18.77	20.5	0
3	256QAM	8	4	18.54	18.74	18.75		
3	256QAM	8	7	18.64	18.74	18.79		
3	256QAM	15	0	18.64	18.71	18.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.73	18.85	18.87	20.5	0
1.4	QPSK	1	3	18.82	18.89	18.86		
1.4	QPSK	1	5	18.73	18.83	18.67		
1.4	QPSK	3	0	18.59	18.83	18.68		
1.4	QPSK	3	1	18.59	18.65	18.60		
1.4	QPSK	3	3	18.58	18.70	18.55		
1.4	QPSK	6	0	18.53	18.65	18.54	20.5	0
1.4	16QAM	1	0	18.56	18.66	18.65	20.5	0
1.4	16QAM	1	3	18.62	18.64	18.65		
1.4	16QAM	1	5	18.52	18.52	18.58		
1.4	16QAM	3	0	18.63	18.58	18.60		
1.4	16QAM	3	1	18.78	18.70	18.79		
1.4	16QAM	3	3	18.73	18.69	18.71		
1.4	16QAM	6	0	18.57	18.86	18.78	20.5	0
1.4	64QAM	1	0	18.64	18.76	18.71	20.5	0
1.4	64QAM	1	3	18.66	18.75	18.72		
1.4	64QAM	1	5	18.69	18.91	18.70		
1.4	64QAM	3	0	18.81	18.77	18.63		
1.4	64QAM	3	1	18.73	18.75	18.63		
1.4	64QAM	3	3	18.70	18.78	18.79		
1.4	64QAM	6	0	18.73	18.79	18.79	20.5	0
1.4	256QAM	1	0	18.71	18.87	18.73	20.5	0
1.4	256QAM	1	3	18.58	18.93	18.67		
1.4	256QAM	1	5	18.81	18.78	18.68		
1.4	256QAM	3	0	18.73	18.86	18.74		
1.4	256QAM	3	1	18.65	18.72	18.76		
1.4	256QAM	3	3	18.68	18.73	18.78		
1.4	256QAM	6	0	18.60	18.72	18.68	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.53	18.71	18.50	19.7	0
20	QPSK	1	49	18.65	18.59	18.54		
20	QPSK	1	99	18.44	18.56	18.43		
20	QPSK	50	0	18.38	18.59	18.47	19.7	0
20	QPSK	50	24	18.34	18.49	18.42		
20	QPSK	50	50	18.39	18.43	18.35		
20	QPSK	100	0	18.16	18.40	18.24		
20	16QAM	1	0	18.28	18.47	18.39	19.7	0
20	16QAM	1	49	18.41	18.41	18.36		
20	16QAM	1	99	18.39	18.39	18.42		
20	16QAM	50	0	18.42	18.42	18.44	19.7	0
20	16QAM	50	24	18.53	18.35	18.58		
20	16QAM	50	50	18.51	18.50	18.55		
20	16QAM	100	0	18.35	18.49	18.57		
20	64QAM	1	0	18.43	18.49	18.44	19.7	0
20	64QAM	1	49	18.40	18.40	18.51		
20	64QAM	1	99	18.42	18.60	18.54		
20	64QAM	50	0	18.55	18.49	18.37	19.7	0
20	64QAM	50	24	18.48	18.54	18.42		
20	64QAM	50	50	18.44	18.60	18.59		
20	64QAM	100	0	18.50	18.49	18.55		
20	256QAM	1	0	18.41	18.58	18.46	19.7	0
20	256QAM	1	49	18.30	18.69	18.39		
20	256QAM	1	99	18.44	18.50	18.46		
20	256QAM	50	0	18.38	18.58	18.54	19.7	0
20	256QAM	50	24	18.35	18.52	18.45		
20	256QAM	50	50	18.34	18.44	18.58		
20	256QAM	100	0	18.43	18.48	18.41		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.47	18.61	18.50	19.7	0
15	QPSK	1	37	18.49	18.43	18.52		
15	QPSK	1	74	18.36	18.40	18.38		
15	QPSK	36	0	18.25	18.53	18.34	19.7	0
15	QPSK	36	20	18.26	18.34	18.34		
15	QPSK	36	39	18.31	18.27	18.30		
15	QPSK	75	0	18.21	18.35	18.13		
15	16QAM	1	0	18.26	18.32	18.27	19.7	0
15	16QAM	1	37	18.19	18.21	18.20		
15	16QAM	1	74	18.30	18.28	18.32		
15	16QAM	36	0	18.28	18.36	18.34	19.7	0
15	16QAM	36	20	18.44	18.39	18.40		
15	16QAM	36	39	18.36	18.27	18.30		
15	16QAM	75	0	18.32	18.46	18.34		
15	64QAM	1	0	18.40	18.37	18.33	19.7	0
15	64QAM	1	37	18.36	18.30	18.33		
15	64QAM	1	74	18.37	18.45	18.30		
15	64QAM	36	0	18.30	18.42	18.36	19.7	0
15	64QAM	36	20	18.37	18.30	18.29		
15	64QAM	36	39	18.34	18.50	18.41		
15	64QAM	75	0	18.30	18.40	18.36		
15	256QAM	1	0	18.40	18.42	18.40	19.7	0
15	256QAM	1	37	18.26	18.57	18.41		
15	256QAM	1	74	18.45	18.34	18.45		
15	256QAM	36	0	18.28	18.49	18.30	19.7	0
15	256QAM	36	20	18.21	18.47	18.36		
15	256QAM	36	39	18.30	18.43	18.36		
15	256QAM	75	0	18.39	18.34	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1778		
10	QPSK	1	0	18.36	18.56	18.50	19.7	0
10	QPSK	1	25	18.52	18.52	18.49		
10	QPSK	1	49	18.41	18.40	18.35		
10	QPSK	25	0	18.27	18.42	18.29	19.7	0
10	QPSK	25	12	18.29	18.34	18.25		
10	QPSK	25	25	18.34	18.39	18.26		
10	QPSK	50	0	18.07	18.25	18.05		
10	16QAM	1	0	18.28	18.29	18.35	19.7	0
10	16QAM	1	25	18.34	18.21	18.32		
10	16QAM	1	49	18.24	18.27	18.27		
10	16QAM	25	0	18.30	18.27	18.30	19.7	0
10	16QAM	25	12	18.38	18.25	18.44		
10	16QAM	25	25	18.33	18.26	18.38		
10	16QAM	50	0	18.25	18.48	18.47		
10	64QAM	1	0	18.35	18.32	18.40	19.7	0
10	64QAM	1	25	18.36	18.26	18.39		
10	64QAM	1	49	18.32	18.53	18.40		
10	64QAM	25	0	18.40	18.41	18.38	19.7	0
10	64QAM	25	12	18.34	18.38	18.34		
10	64QAM	25	25	18.26	18.51	18.50		
10	64QAM	50	0	18.35	18.40	18.43		
10	256QAM	1	0	18.35	18.45	18.32	19.7	0
10	256QAM	1	25	18.25	18.54	18.38		
10	256QAM	1	49	18.38	18.33	18.31		
10	256QAM	25	0	18.27	18.45	18.39	19.7	0
10	256QAM	25	12	18.27	18.35	18.40		
10	256QAM	25	25	18.34	18.41	18.45		
10	256QAM	50	0	18.27	18.38	18.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.49	18.51	19.7	0
5	QPSK	1	12	18.42	18.45	18.39		
5	QPSK	1	24	18.37	18.43	18.41		
5	QPSK	12	0	18.33	18.46	18.26	19.7	0
5	QPSK	12	7	18.36	18.31	18.27		
5	QPSK	12	13	18.27	18.30	18.18		
5	QPSK	25	0	18.07	18.26	18.20		
5	16QAM	1	0	18.17	18.29	18.42	19.7	0
5	16QAM	1	12	18.21	18.17	18.23		
5	16QAM	1	24	18.17	18.15	18.26		
5	16QAM	12	0	18.39	18.28	18.32	19.7	0
5	16QAM	12	7	18.33	18.27	18.37		
5	16QAM	12	13	18.31	18.35	18.36		
5	16QAM	25	0	18.24	18.44	18.35		
5	64QAM	1	0	18.28	18.40	18.40	19.7	0
5	64QAM	1	12	18.26	18.39	18.48		
5	64QAM	1	24	18.37	18.51	18.37		
5	64QAM	12	0	18.43	18.49	18.28	19.7	0
5	64QAM	12	7	18.37	18.42	18.25		
5	64QAM	12	13	18.21	18.40	18.40		
5	64QAM	25	0	18.43	18.46	18.34		
5	256QAM	1	0	18.28	18.46	18.41	19.7	0
5	256QAM	1	12	18.24	18.58	18.30		
5	256QAM	1	24	18.39	18.37	18.42		
5	256QAM	12	0	18.29	18.45	18.41	19.7	0
5	256QAM	12	7	18.28	18.35	18.39		
5	256QAM	12	13	18.30	18.33	18.42		
5	256QAM	25	0	18.26	18.42	18.35		
Channel				131922	132322	132722	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.38	18.62	18.48	19.7	0
3	QPSK	1	8	18.52	18.51	18.39		
3	QPSK	1	14	18.39	18.39	18.41		
3	QPSK	8	0	18.32	18.45	18.33	19.7	0
3	QPSK	8	4	18.28	18.39	18.28		
3	QPSK	8	7	18.25	18.42	18.25		
3	QPSK	15	0	18.08	18.32	18.11		
3	16QAM	1	0	18.19	18.36	18.32	19.7	0
3	16QAM	1	8	18.22	18.24	18.32		
3	16QAM	1	14	18.16	18.19	18.30		
3	16QAM	8	0	18.43	18.36	18.26	19.7	0
3	16QAM	8	4	18.33	18.35	18.37		
3	16QAM	8	7	18.38	18.32	18.31		
3	16QAM	15	0	18.21	18.42	18.33		
3	64QAM	1	0	18.29	18.33	18.41	19.7	0
3	64QAM	1	8	18.33	18.35	18.42		
3	64QAM	1	14	18.37	18.49	18.37		
3	64QAM	8	0	18.43	18.45	18.38	19.7	0
3	64QAM	8	4	18.30	18.36	18.31		
3	64QAM	8	7	18.28	18.39	18.47		
3	64QAM	15	0	18.43	18.42	18.42		
3	256QAM	1	0	18.26	18.45	18.32	19.7	0
3	256QAM	1	8	18.30	18.45	18.29		
3	256QAM	1	14	18.46	18.41	18.38		
3	256QAM	8	0	18.29	18.45	18.40	19.7	0
3	256QAM	8	4	18.19	18.40	18.45		
3	256QAM	8	7	18.25	18.35	18.45		
3	256QAM	15	0	18.24	18.40	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.44	18.63	18.50	19.7	0
1.4	QPSK	1	3	18.48	18.49	18.45		
1.4	QPSK	1	5	18.49	18.43	18.38		
1.4	QPSK	3	0	18.33	18.41	18.38		
1.4	QPSK	3	1	18.36	18.41	18.27		
1.4	QPSK	3	3	18.27	18.37	18.33		
1.4	QPSK	6	0	18.21	18.26	18.04	19.7	0
1.4	16QAM	1	0	18.29	18.29	18.39	19.7	0
1.4	16QAM	1	3	18.20	18.27	18.26		
1.4	16QAM	1	5	18.24	18.21	18.26		
1.4	16QAM	3	0	18.36	18.30	18.23		
1.4	16QAM	3	1	18.32	18.29	18.43		
1.4	16QAM	3	3	18.42	18.41	18.30		
1.4	16QAM	6	0	18.26	18.40	18.46	19.7	0
1.4	64QAM	1	0	18.25	18.36	18.35	19.7	0
1.4	64QAM	1	3	18.24	18.28	18.35		
1.4	64QAM	1	5	18.43	18.48	18.32		
1.4	64QAM	3	0	18.37	18.45	18.41		
1.4	64QAM	3	1	18.28	18.34	18.29		
1.4	64QAM	3	3	18.35	18.41	18.42		
1.4	64QAM	6	0	18.42	18.48	18.40	19.7	0
1.4	256QAM	1	0	18.29	18.51	18.30	19.7	0
1.4	256QAM	1	3	18.27	18.50	18.34		
1.4	256QAM	1	5	18.39	18.33	18.41		
1.4	256QAM	3	0	18.41	18.49	18.40		
1.4	256QAM	3	1	18.32	18.46	18.45		
1.4	256QAM	3	3	18.38	18.42	18.44		
1.4	256QAM	6	0	18.35	18.42	18.45	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.97	22.21	22.13	23.2	0
20	QPSK	1	49	22.16	22.09	22.11		
20	QPSK	1	99	22.04	22.00	21.98		
20	QPSK	50	0	21.87	22.10	21.94	23.2	0
20	QPSK	50	24	21.88	21.92	21.98		
20	QPSK	50	50	21.97	22.02	21.82		
20	QPSK	100	0	21.73	21.91	21.67		
20	16QAM	1	0	21.91	21.99	21.97	23.2	0
20	16QAM	1	49	21.86	21.79	21.88		
20	16QAM	1	99	21.79	21.87	21.86		
20	16QAM	50	0	21.96	21.93	21.92	23.2	0
20	16QAM	50	24	22.07	21.94	22.06		
20	16QAM	50	50	22.00	21.88	22.02		
20	16QAM	100	0	21.82	22.12	22.01		
20	64QAM	1	0	22.03	22.00	22.02	23.2	0
20	64QAM	1	49	21.92	21.90	22.00		
20	64QAM	1	99	21.98	22.05	21.92		
20	64QAM	50	0	21.49	21.66	21.73	22.7	0.5
20	64QAM	50	24	21.45	21.58	21.51		
20	64QAM	50	50	21.51	21.52	21.47		
20	64QAM	100	0	21.59	21.75	21.66		
20	256QAM	1	0	19.46	19.57	19.38	20.7	2.5
20	256QAM	1	49	19.35	19.47	19.42		
20	256QAM	1	99	19.33	19.44	19.29		
20	256QAM	50	0	19.57	19.57	19.49	20.7	2.5
20	256QAM	50	24	19.59	19.50	19.45		
20	256QAM	50	50	19.47	19.65	19.45		
20	256QAM	100	0	19.57	19.66	19.58		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.92	22.00	21.96	23.2	0
15	QPSK	1	37	22.05	22.05	21.94		
15	QPSK	1	74	21.96	21.96	21.91		
15	QPSK	36	0	21.77	22.01	21.83	23.2	0
15	QPSK	36	20	21.86	21.82	21.83		
15	QPSK	36	39	21.73	21.82	21.82		
15	QPSK	75	0	21.59	21.76	21.66		
15	16QAM	1	0	21.76	21.76	21.83	23.2	0
15	16QAM	1	37	21.79	21.70	21.80		
15	16QAM	1	74	21.79	21.78	21.77		
15	16QAM	36	0	21.95	21.85	21.85	23.2	0
15	16QAM	36	20	21.81	21.88	22.00		
15	16QAM	36	39	21.88	21.87	21.83		
15	16QAM	75	0	21.74	22.00	21.97		
15	64QAM	1	0	21.81	21.92	21.87	23.2	0
15	64QAM	1	37	21.75	21.78	21.93		
15	64QAM	1	74	21.87	21.98	21.86		
15	64QAM	36	0	21.36	21.52	21.67	22.7	0.5
15	64QAM	36	20	21.33	21.48	21.34		
15	64QAM	36	39	21.43	21.47	21.43		
15	64QAM	75	0	21.42	21.65	21.57		
15	256QAM	1	0	19.38	19.50	19.21	20.7	2.5
15	256QAM	1	37	19.23	19.43	19.36		
15	256QAM	1	74	19.27	19.33	19.25		
15	256QAM	36	0	19.46	19.51	19.34	20.7	2.5
15	256QAM	36	20	19.42	19.33	19.34		
15	256QAM	36	39	19.30	19.57	19.39		
15	256QAM	75	0	19.54	19.57	19.42		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.87	22.07	21.91	23.2	0
10	QPSK	1	25	21.99	22.06	22.00		
10	QPSK	1	49	21.97	22.03	21.91		
10	QPSK	25	0	21.86	22.01	21.85	23.2	0
10	QPSK	25	12	21.81	21.86	21.85		
10	QPSK	25	25	21.85	21.79	21.83		
10	QPSK	50	0	21.74	21.75	21.57		
10	16QAM	1	0	21.82	21.76	21.93	23.2	0
10	16QAM	1	25	21.83	21.81	21.90		
10	16QAM	1	49	21.81	21.73	21.78		
10	16QAM	25	0	21.79	21.86	21.83	23.2	0
10	16QAM	25	12	21.93	21.82	21.91		
10	16QAM	25	25	21.85	21.92	21.88		
10	16QAM	50	0	21.82	21.95	21.91		
10	64QAM	1	0	21.78	21.87	21.97	23.2	0
10	64QAM	1	25	21.85	21.78	21.90		
10	64QAM	1	49	21.83	22.00	21.84		
10	64QAM	25	0	21.44	21.54	21.60	22.7	0.5
10	64QAM	25	12	21.27	21.44	21.42		
10	64QAM	25	25	21.44	21.45	21.42		
10	64QAM	50	0	21.53	21.62	21.49		
10	256QAM	1	0	19.32	19.51	19.35	20.7	2.5
10	256QAM	1	25	19.27	19.43	19.35		
10	256QAM	1	49	19.16	19.36	19.15		
10	256QAM	25	0	19.47	19.48	19.41	20.7	2.5
10	256QAM	25	12	19.55	19.41	19.35		
10	256QAM	25	25	19.34	19.57	19.40		
10	256QAM	50	0	19.40	19.63	19.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.95	22.04	22.03	23.2	0
5	QPSK	1	12	21.96	22.02	22.04		
5	QPSK	1	24	21.97	21.93	21.97		
5	QPSK	12	0	21.84	21.97	21.84	23.2	0
5	QPSK	12	7	21.77	21.81	21.79		
5	QPSK	12	13	21.81	21.89	21.74		
5	QPSK	25	0	21.69	21.90	21.63		
5	16QAM	1	0	21.69	21.76	21.90	23.2	0
5	16QAM	1	12	21.77	21.83	21.83		
5	16QAM	1	24	21.68	21.72	21.77		
5	16QAM	12	0	21.82	21.76	21.86	23.2	0
5	16QAM	12	7	21.94	21.82	21.96		
5	16QAM	12	13	21.84	21.79	21.93		
5	16QAM	25	0	21.80	22.03	21.86		
5	64QAM	1	0	21.86	21.82	22.00	23.2	0
5	64QAM	1	12	21.77	21.82	21.99		
5	64QAM	1	24	21.83	21.95	21.93		
5	64QAM	12	0	21.42	21.57	21.57	22.7	0.5
5	64QAM	12	7	21.33	21.50	21.43		
5	64QAM	12	13	21.38	21.40	21.34		
5	64QAM	25	0	21.52	21.71	21.49		
5	256QAM	1	0	19.41	19.43	19.33	20.7	2.5
5	256QAM	1	12	19.23	19.39	19.29		
5	256QAM	1	24	19.27	19.34	19.26		
5	256QAM	12	0	19.49	19.51	19.34	20.7	2.5
5	256QAM	12	7	19.48	19.32	19.39		
5	256QAM	12	13	19.31	19.54	19.30		
5	256QAM	25	0	19.54	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.61	21.48	21.66	21.53	21.56	22.7	0
20	QPSK	1	49	21.52	21.61	21.64	21.64	21.49		
20	QPSK	1	99	21.46	21.52	21.48	21.52	21.48		
20	QPSK	50	0	21.46	21.42	21.53	21.50	21.42	22.7	0
20	QPSK	50	24	21.33	21.37	21.38	21.43	21.42		
20	QPSK	50	50	21.43	21.34	21.51	21.38	21.36		
20	QPSK	100	0	21.19	21.21	21.43	21.26	21.25		
20	16QAM	1	0	21.48	21.33	21.42	21.52	21.37	22.7	0
20	16QAM	1	49	21.42	21.34	21.39	21.41	21.39		
20	16QAM	1	99	21.31	21.27	21.28	21.31	21.33		
20	16QAM	50	0	21.43	21.39	21.40	21.38	21.42	22.7	0
20	16QAM	50	24	21.56	21.54	21.35	21.51	21.46		
20	16QAM	50	50	21.44	21.43	21.45	21.50	21.42		
20	16QAM	100	0	21.48	21.32	21.53	21.52	21.44		
20	64QAM	1	0	21.53	21.39	21.35	21.55	21.49	22.7	0
20	64QAM	1	49	21.47	21.48	21.44	21.47	21.45		
20	64QAM	1	99	21.45	21.37	21.64	21.53	21.38		
20	64QAM	50	0	21.50	21.44	21.58	21.47	21.44	22.7	0
20	64QAM	50	24	21.31	21.32	21.54	21.33	21.36		
20	64QAM	50	50	21.56	21.36	21.48	21.50	21.32		
20	64QAM	100	0	21.50	21.48	21.52	21.51	21.52		
20	256QAM	1	0	19.39	19.36	19.56	19.37	19.31	21	1.7
20	256QAM	1	49	19.32	19.35	19.45	19.31	19.33		
20	256QAM	1	99	19.24	19.25	19.34	19.32	19.25		
20	256QAM	50	0	19.50	19.50	19.58	19.52	19.48	21	1.7
20	256QAM	50	24	19.49	19.56	19.47	19.33	19.47		
20	256QAM	50	50	19.36	19.48	19.55	19.38	19.42		
20	256QAM	100	0	19.55	19.58	19.65	19.54	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.51	21.46	21.60	21.56	21.49	23	0
15	QPSK	1	37	21.46	21.54	21.55	21.44	21.52		
15	QPSK	1	74	21.44	21.43	21.37	21.38	21.36		
15	QPSK	36	0	21.36	21.28	21.49	21.43	21.40	22.7	0
15	QPSK	36	20	21.33	21.27	21.31	21.27	21.22		
15	QPSK	36	39	21.21	21.35	21.29	21.35	21.23		
15	QPSK	75	0	21.15	21.15	21.24	21.29	21.15		
15	16QAM	1	0	21.38	21.31	21.34	21.28	21.34	22.7	0
15	16QAM	1	37	21.33	21.22	21.21	21.16	21.28		
15	16QAM	1	74	21.24	21.30	21.21	21.22	21.28		
15	16QAM	36	0	21.37	21.42	21.36	21.29	21.26	22.7	0
15	16QAM	36	20	21.44	21.41	21.33	21.24	21.39		
15	16QAM	36	39	21.35	21.37	21.29	21.35	21.33		
15	16QAM	75	0	21.36	21.30	21.51	21.38	21.47		
15	64QAM	1	0	21.43	21.35	21.32	21.38	21.45	22.7	0
15	64QAM	1	37	21.43	21.35	21.30	21.35	21.41		
15	64QAM	1	74	21.39	21.35	21.42	21.47	21.30		
15	64QAM	36	0	21.41	21.41	21.34	21.44	21.33	22.7	0
15	64QAM	36	20	21.30	21.27	21.38	21.42	21.25		
15	64QAM	36	39	21.48	21.31	21.37	21.45	21.38		
15	64QAM	75	0	21.35	21.39	21.48	21.39	21.45		
15	256QAM	1	0	19.31	19.30	19.51	19.19	19.19	21	1.7
15	256QAM	1	37	19.18	19.20	19.32	19.23	19.25		
15	256QAM	1	74	19.11	19.23	19.19	19.15	19.22		
15	256QAM	36	0	19.46	19.37	19.58	19.41	19.42	21	1.7
15	256QAM	36	20	19.36	19.45	19.33	19.27	19.33		
15	256QAM	36	39	19.32	19.45	19.40	19.32	19.37		
15	256QAM	75	0	19.39	19.51	19.54	19.41	19.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.43	21.48	21.61	21.52	21.46	23	0
10	QPSK	1	25	21.52	21.49	21.43	21.56	21.49		
10	QPSK	1	49	21.43	21.48	21.40	21.37	21.31		
10	QPSK	25	0	21.30	21.25	21.48	21.48	21.30	22.7	0
10	QPSK	25	12	21.22	21.25	21.27	21.37	21.32		
10	QPSK	25	25	21.30	21.21	21.26	21.38	21.26		
10	QPSK	50	0	21.05	21.19	21.24	21.32	21.18		
10	16QAM	1	0	21.30	21.28	21.36	21.23	21.27	22.7	0
10	16QAM	1	25	21.25	21.20	21.23	21.26	21.27		
10	16QAM	1	49	21.20	21.16	21.24	21.24	21.32		
10	16QAM	25	0	21.24	21.34	21.37	21.26	21.30	22.7	0
10	16QAM	25	12	21.35	21.30	21.25	21.35	21.44		
10	16QAM	25	25	21.46	21.35	21.34	21.31	21.32		
10	16QAM	50	0	21.38	21.32	21.50	21.47	21.37		
10	64QAM	1	0	21.49	21.34	21.40	21.33	21.47	22.7	0
10	64QAM	1	25	21.40	21.33	21.26	21.35	21.39		
10	64QAM	1	49	21.39	21.35	21.46	21.48	21.32		
10	64QAM	25	0	21.25	21.31	21.47	21.41	21.41	22.7	0
10	64QAM	25	12	21.30	21.35	21.40	21.42	21.33		
10	64QAM	25	25	21.46	21.35	21.37	21.49	21.45		
10	64QAM	50	0	21.35	21.29	21.34	21.42	21.34		
10	256QAM	1	0	19.28	19.25	19.48	19.45	19.39	21	1.7
10	256QAM	1	25	19.16	19.18	19.33	19.19	19.21		
10	256QAM	1	49	19.20	19.11	19.31	19.20	19.19		
10	256QAM	25	0	19.35	19.42	19.49	19.37	19.32	21	1.7
10	256QAM	25	12	19.36	19.44	19.31	19.16	19.44		
10	256QAM	25	25	19.19	19.44	19.46	19.28	19.34		
10	256QAM	50	0	19.47	19.44	19.50	19.46	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.47	21.60	21.50	21.39	23	0
5	QPSK	1	12	21.48	21.41	21.42	21.57	21.44		
5	QPSK	1	24	21.41	21.37	21.40	21.50	21.39		
5	QPSK	12	0	21.36	21.31	21.44	21.38	21.35	22.7	0
5	QPSK	12	7	21.34	21.25	21.37	21.37	21.32		
5	QPSK	12	13	21.27	21.34	21.38	21.32	21.30		
5	QPSK	25	0	21.17	21.16	21.35	21.32	21.09		
5	16QAM	1	0	21.33	21.22	21.33	21.33	21.30	22.7	0
5	16QAM	1	12	21.28	21.28	21.27	21.17	21.32		
5	16QAM	1	24	21.22	21.22	21.29	21.28	21.33		
5	16QAM	12	0	21.27	21.39	21.31	21.34	21.28	22.7	0
5	16QAM	12	7	21.46	21.44	21.37	21.29	21.49		
5	16QAM	12	13	21.39	21.44	21.36	21.34	21.44		
5	16QAM	25	0	21.39	21.29	21.53	21.52	21.34		
5	64QAM	1	0	21.44	21.29	21.28	21.40	21.33	22.7	0
5	64QAM	1	12	21.38	21.29	21.29	21.26	21.42		
5	64QAM	1	24	21.39	21.32	21.54	21.44	21.39		
5	64QAM	12	0	21.28	21.36	21.43	21.43	21.29	22.7	0
5	64QAM	12	7	21.35	21.30	21.31	21.37	21.35		
5	64QAM	12	13	21.41	21.27	21.40	21.41	21.54		
5	64QAM	25	0	21.38	21.29	21.44	21.45	21.49		
5	256QAM	1	0	19.35	19.23	19.47	19.27	19.18	21	1.7
5	256QAM	1	12	19.17	19.19	19.33	19.25	19.21		
5	256QAM	1	24	19.20	19.16	19.19	19.27	19.19		
5	256QAM	12	0	19.41	19.34	19.45	19.42	19.43	21	1.7
5	256QAM	12	7	19.46	19.52	19.35	19.30	19.37		
5	256QAM	12	13	19.20	19.32	19.53	19.33	19.31		
5	256QAM	25	0	19.51	19.44	19.61	19.50	19.47		

Band 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.57	18.69	18.51	20	0
20	QPSK	1	49	18.50	18.65	18.57		
20	QPSK	1	99	18.53	18.53	18.44		
20	QPSK	50	0	18.39	18.55	18.49	20	0
20	QPSK	50	24	18.38	18.36	18.31		
20	QPSK	50	50	18.35	18.38	18.30		
20	QPSK	100	0	18.22	18.42	18.25		
20	16QAM	1	0	18.39	18.41	18.44	20	0
20	16QAM	1	49	18.40	18.38	18.47		
20	16QAM	1	99	18.29	18.27	18.38		
20	16QAM	50	0	18.49	18.44	18.35	20	0
20	16QAM	50	24	18.39	18.35	18.50		
20	16QAM	50	50	18.46	18.37	18.51		
20	16QAM	100	0	18.29	18.59	18.52		
20	64QAM	1	0	18.43	18.43	18.54	20	0
20	64QAM	1	49	18.39	18.40	18.47		
20	64QAM	1	99	18.41	18.51	18.54		
20	64QAM	50	0	18.55	18.50	18.35	20	0
20	64QAM	50	24	18.41	18.52	18.43		
20	64QAM	50	50	18.45	18.49	18.60		
20	64QAM	100	0	18.52	18.46	18.55		
20	256QAM	1	0	17.90	17.99	17.99	19.5	0.5
20	256QAM	1	49	17.92	18.16	17.87		
20	256QAM	1	99	18.03	18.06	17.98		
20	256QAM	50	0	18.01	18.08	17.93	19.5	0.5
20	256QAM	50	24	17.85	17.95	18.01		
20	256QAM	50	50	17.97	17.90	18.00		
20	256QAM	100	0	17.86	18.06	18.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.39	18.63	18.43	20	0
15	QPSK	1	37	18.43	18.52	18.46		
15	QPSK	1	74	18.35	18.50	18.44		
15	QPSK	36	0	18.27	18.40	18.25	20	0
15	QPSK	36	20	18.27	18.41	18.21		
15	QPSK	36	39	18.28	18.39	18.17		
15	QPSK	75	0	18.15	18.36	18.06		
15	16QAM	1	0	18.26	18.35	18.43	20	0
15	16QAM	1	37	18.26	18.20	18.33		
15	16QAM	1	74	18.20	18.16	18.24		
15	16QAM	36	0	18.41	18.33	18.34	20	0
15	16QAM	36	20	18.36	18.31	18.45		
15	16QAM	36	39	18.37	18.41	18.31		
15	16QAM	75	0	18.19	18.47	18.42		
15	64QAM	1	0	18.40	18.38	18.40	20	0
15	64QAM	1	37	18.28	18.25	18.46		
15	64QAM	1	74	18.35	18.42	18.39		
15	64QAM	36	0	18.31	18.44	18.41	20	0
15	64QAM	36	20	18.33	18.44	18.28		
15	64QAM	36	39	18.34	18.48	18.46		
15	64QAM	75	0	18.30	18.34	18.45		
15	256QAM	1	0	17.87	17.95	17.78	19.5	0.5
15	256QAM	1	37	17.70	18.00	17.92		
15	256QAM	1	74	17.87	17.86	17.94		
15	256QAM	36	0	17.89	18.02	17.92	19.5	0.5
15	256QAM	36	20	17.72	17.94	17.81		
15	256QAM	36	39	17.87	17.94	17.97		
15	256QAM	75	0	17.88	17.94	17.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.39	18.61	18.48	20	0
10	QPSK	1	25	18.43	18.45	18.50		
10	QPSK	1	49	18.35	18.41	18.38		
10	QPSK	25	0	18.22	18.44	18.32	20	0
10	QPSK	25	12	18.30	18.25	18.24		
10	QPSK	25	25	18.23	18.39	18.27		
10	QPSK	50	0	18.10	18.28	18.05		
10	16QAM	1	0	18.18	18.37	18.37	20	0
10	16QAM	1	25	18.22	18.26	18.26		
10	16QAM	1	49	18.25	18.28	18.24		
10	16QAM	25	0	18.43	18.28	18.26	20	0
10	16QAM	25	12	18.33	18.37	18.50		
10	16QAM	25	25	18.45	18.34	18.31		
10	16QAM	50	0	18.34	18.51	18.43		
10	64QAM	1	0	18.36	18.28	18.48	20	0
10	64QAM	1	25	18.34	18.28	18.45		
10	64QAM	1	49	18.36	18.42	18.31		
10	64QAM	25	0	18.44	18.38	18.27	20	0
10	64QAM	25	12	18.24	18.29	18.36		
10	64QAM	25	25	18.29	18.47	18.45		
10	64QAM	50	0	18.37	18.38	18.38		
10	256QAM	1	0	17.85	18.02	17.81	19.5	0.5
10	256QAM	1	25	17.74	18.06	17.91		
10	256QAM	1	49	17.91	17.85	17.89		
10	256QAM	25	0	17.82	17.91	17.90	19.5	0.5
10	256QAM	25	12	17.69	17.86	17.92		
10	256QAM	25	25	17.89	17.82	17.94		
10	256QAM	50	0	17.80	17.96	17.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.35	18.59	18.43	20	0
5	QPSK	1	12	18.48	18.52	18.44		
5	QPSK	1	24	18.36	18.36	18.40		
5	QPSK	12	0	18.33	18.49	18.36	20	0
5	QPSK	12	7	18.25	18.37	18.22		
5	QPSK	12	13	18.23	18.42	18.28		
5	QPSK	25	0	18.10	18.25	18.19		
5	16QAM	1	0	18.31	18.30	18.29	20	0
5	16QAM	1	12	18.27	18.27	18.30		
5	16QAM	1	24	18.30	18.15	18.25		
5	16QAM	12	0	18.35	18.32	18.27	20	0
5	16QAM	12	7	18.29	18.34	18.41		
5	16QAM	12	13	18.44	18.26	18.39		
5	16QAM	25	0	18.23	18.41	18.41		
5	64QAM	1	0	18.41	18.34	18.33	20	0
5	64QAM	1	12	18.26	18.37	18.46		
5	64QAM	1	24	18.39	18.52	18.33		
5	64QAM	12	0	18.45	18.45	18.39	20	0
5	64QAM	12	7	18.25	18.39	18.25		
5	64QAM	12	13	18.24	18.49	18.48		
5	64QAM	25	0	18.40	18.40	18.44		
5	256QAM	1	0	17.85	17.89	17.89	19.5	0.5
5	256QAM	1	12	17.75	17.99	17.77		
5	256QAM	1	24	17.96	17.94	17.91		
5	256QAM	12	0	17.85	17.94	17.90	19.5	0.5
5	256QAM	12	7	17.82	17.83	17.91		
5	256QAM	12	13	17.75	17.80	17.92		
5	256QAM	25	0	17.74	17.86	17.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.35	18.61	18.41	20	0
3	QPSK	1	8	18.47	18.52	18.42		
3	QPSK	1	14	18.43	18.47	18.44		
3	QPSK	8	0	18.27	18.53	18.28	20	0
3	QPSK	8	4	18.29	18.38	18.34		
3	QPSK	8	7	18.21	18.35	18.17		
3	QPSK	15	0	18.12	18.35	18.05		
3	16QAM	1	0	18.27	18.37	18.35	20	0
3	16QAM	1	8	18.23	18.31	18.26		
3	16QAM	1	14	18.21	18.21	18.30		
3	16QAM	8	0	18.28	18.32	18.31	20	0
3	16QAM	8	4	18.43	18.35	18.36		
3	16QAM	8	7	18.36	18.26	18.32		
3	16QAM	15	0	18.29	18.38	18.34		
3	64QAM	1	0	18.31	18.35	18.38	20	0
3	64QAM	1	8	18.33	18.25	18.46		
3	64QAM	1	14	18.39	18.50	18.43		
3	64QAM	8	0	18.34	18.38	18.26	20	0
3	64QAM	8	4	18.27	18.35	18.33		
3	64QAM	8	7	18.21	18.51	18.46		
3	64QAM	15	0	18.29	18.36	18.40		
3	256QAM	1	0	17.80	17.95	17.91	19.5	0.5
3	256QAM	1	8	17.79	18.07	17.91		
3	256QAM	1	14	17.88	17.85	17.80		
3	256QAM	8	0	17.78	18.03	17.94	19.5	0.5
3	256QAM	8	4	17.69	17.82	17.92		
3	256QAM	8	7	17.84	17.85	17.94		
3	256QAM	15	0	17.79	17.93	17.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.34	18.64	18.45	20	0
1.4	QPSK	1	3	18.50	18.51	18.53		
1.4	QPSK	1	5	18.42	18.37	18.45		
1.4	QPSK	3	0	18.25	18.48	18.29		
1.4	QPSK	3	1	18.31	18.38	18.21		
1.4	QPSK	3	3	18.26	18.27	18.26		
1.4	QPSK	6	0	18.16	18.27	18.19	20	0
1.4	16QAM	1	0	18.23	18.32	18.38	20	0
1.4	16QAM	1	3	18.20	18.26	18.35		
1.4	16QAM	1	5	18.18	18.16	18.27		
1.4	16QAM	3	0	18.43	18.32	18.30		
1.4	16QAM	3	1	18.39	18.32	18.48		
1.4	16QAM	3	3	18.38	18.28	18.43		
1.4	16QAM	6	0	18.28	18.45	18.32	20	0
1.4	64QAM	1	0	18.28	18.38	18.40	20	0
1.4	64QAM	1	3	18.28	18.30	18.43		
1.4	64QAM	1	5	18.40	18.45	18.37		
1.4	64QAM	3	0	18.42	18.37	18.36		
1.4	64QAM	3	1	18.36	18.34	18.32		
1.4	64QAM	3	3	18.27	18.39	18.42		
1.4	64QAM	6	0	18.41	18.43	18.38	20	0
1.4	256QAM	1	0	17.77	17.88	17.92	19.5	0.5
1.4	256QAM	1	3	17.76	17.97	17.79		
1.4	256QAM	1	5	17.94	17.95	17.79		
1.4	256QAM	3	0	17.82	17.96	17.84		
1.4	256QAM	3	1	17.79	17.85	17.86		
1.4	256QAM	3	3	17.76	17.87	17.96		
1.4	256QAM	6	0	17.74	17.96	17.82	19.5	0.5

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.91	19.09	18.88	20.5	0
20	QPSK	1	49	18.93	19.01	18.83		
20	QPSK	1	99	18.87	18.81	18.80		
20	QPSK	50	0	18.65	18.87	18.84	20.5	0
20	QPSK	50	24	18.80	18.72	18.78		
20	QPSK	50	50	18.65	18.83	18.66		
20	QPSK	100	0	18.66	18.72	18.57		
20	16QAM	1	0	18.61	18.80	18.83	20.5	0
20	16QAM	1	49	18.72	18.65	18.71		
20	16QAM	1	99	18.66	18.64	18.76		
20	16QAM	50	0	18.83	18.74	18.77	20.5	0
20	16QAM	50	24	18.85	18.71	18.89		
20	16QAM	50	50	18.81	18.75	18.89		
20	16QAM	100	0	18.77	18.89	18.81		
20	64QAM	1	0	18.71	18.83	18.84	20.5	0
20	64QAM	1	49	18.84	18.73	18.84		
20	64QAM	1	99	18.86	18.86	18.76		
20	64QAM	50	0	18.87	18.93	18.82	20.5	0
20	64QAM	50	24	18.75	18.83	18.72		
20	64QAM	50	50	18.74	18.84	18.90		
20	64QAM	100	0	18.74	18.83	18.95		
20	256QAM	1	0	18.71	18.89	18.72	20.5	0
20	256QAM	1	49	18.78	18.93	18.87		
20	256QAM	1	99	18.87	18.86	18.79		
20	256QAM	50	0	18.80	18.84	18.88	20.5	0
20	256QAM	50	24	18.70	18.84	18.78		
20	256QAM	50	50	18.82	18.85	18.93		
20	256QAM	100	0	18.80	18.85	18.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.70	18.98	18.80	20.5	0
15	QPSK	1	37	18.85	18.92	18.76		
15	QPSK	1	74	18.77	18.84	18.78		
15	QPSK	36	0	18.62	18.79	18.63	20.5	0
15	QPSK	36	20	18.67	18.69	18.56		
15	QPSK	36	39	18.57	18.63	18.66		
15	QPSK	75	0	18.62	18.69	18.66		
15	16QAM	1	0	18.51	18.60	18.64	20.5	0
15	16QAM	1	37	18.68	18.57	18.60		
15	16QAM	1	74	18.54	18.65	18.57		
15	16QAM	36	0	18.62	18.63	18.64	20.5	0
15	16QAM	36	20	18.64	18.66	18.74		
15	16QAM	36	39	18.67	18.62	18.66		
15	16QAM	75	0	18.61	18.75	18.77		
15	64QAM	1	0	18.61	18.75	18.68	20.5	0
15	64QAM	1	37	18.59	18.60	18.75		
15	64QAM	1	74	18.72	18.75	18.80		
15	64QAM	36	0	18.71	18.74	18.63	20.5	0
15	64QAM	36	20	18.59	18.77	18.57		
15	64QAM	36	39	18.62	18.85	18.78		
15	64QAM	75	0	18.79	18.79	18.84		
15	256QAM	1	0	18.62	18.78	18.69	20.5	0
15	256QAM	1	37	18.62	18.89	18.64		
15	256QAM	1	74	18.77	18.70	18.68		
15	256QAM	36	0	18.66	18.77	18.66	20.5	0
15	256QAM	36	20	18.57	18.80	18.75		
15	256QAM	36	39	18.74	18.74	18.81		
15	256QAM	75	0	18.64	18.72	18.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.80	18.91	18.88	20.5	0
10	QPSK	1	25	18.88	18.83	18.77		
10	QPSK	1	49	18.78	18.87	18.75		
10	QPSK	25	0	18.63	18.74	18.62	20.5	0
10	QPSK	25	12	18.62	18.68	18.69		
10	QPSK	25	25	18.65	18.64	18.67		
10	QPSK	50	0	18.63	18.71	18.65		
10	16QAM	1	0	18.58	18.65	18.62	20.5	0
10	16QAM	1	25	18.56	18.52	18.63		
10	16QAM	1	49	18.54	18.55	18.63		
10	16QAM	25	0	18.64	18.69	18.67	20.5	0
10	16QAM	25	12	18.66	18.61	18.72		
10	16QAM	25	25	18.81	18.66	18.65		
10	16QAM	50	0	18.61	18.72	18.73		
10	64QAM	1	0	18.72	18.73	18.83	20.5	0
10	64QAM	1	25	18.72	18.68	18.81		
10	64QAM	1	49	18.77	18.75	18.67		
10	64QAM	25	0	18.74	18.72	18.62	20.5	0
10	64QAM	25	12	18.64	18.66	18.63		
10	64QAM	25	25	18.59	18.82	18.80		
10	64QAM	50	0	18.72	18.74	18.79		
10	256QAM	1	0	18.75	18.73	18.69	20.5	0
10	256QAM	1	25	18.55	18.90	18.70		
10	256QAM	1	49	18.76	18.67	18.75		
10	256QAM	25	0	18.73	18.75	18.76	20.5	0
10	256QAM	25	12	18.52	18.72	18.79		
10	256QAM	25	25	18.71	18.71	18.82		
10	256QAM	50	0	18.59	18.70	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.82	18.90	18.85	20.5	0
5	QPSK	1	12	18.80	18.78	18.86		
5	QPSK	1	24	18.76	18.83	18.77		
5	QPSK	12	0	18.59	18.89	18.63	20.5	0
5	QPSK	12	7	18.61	18.68	18.63		
5	QPSK	12	13	18.61	18.66	18.66		
5	QPSK	25	0	18.57	18.66	18.68		
5	16QAM	1	0	18.57	18.64	18.66	20.5	0
5	16QAM	1	12	18.65	18.55	18.68		
5	16QAM	1	24	18.63	18.63	18.58		
5	16QAM	12	0	18.75	18.61	18.70	20.5	0
5	16QAM	12	7	18.67	18.67	18.76		
5	16QAM	12	13	18.71	18.63	18.78		
5	16QAM	25	0	18.68	18.73	18.74		
5	64QAM	1	0	18.74	18.70	18.71	20.5	0
5	64QAM	1	12	18.63	18.68	18.69		
5	64QAM	1	24	18.77	18.75	18.65		
5	64QAM	12	0	18.71	18.84	18.69	20.5	0
5	64QAM	12	7	18.68	18.72	18.61		
5	64QAM	12	13	18.63	18.86	18.89		
5	64QAM	25	0	18.76	18.75	18.72		
5	256QAM	1	0	18.71	18.85	18.69	20.5	0
5	256QAM	1	12	18.67	18.86	18.75		
5	256QAM	1	24	18.74	18.80	18.69		
5	256QAM	12	0	18.68	18.87	18.75	20.5	0
5	256QAM	12	7	18.66	18.80	18.66		
5	256QAM	12	13	18.74	18.74	18.82		
5	256QAM	25	0	18.67	18.73	18.72		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.85	18.89	18.84	20.5	0
3	QPSK	1	8	18.82	18.78	18.79		
3	QPSK	1	14	18.77	18.85	18.77		
3	QPSK	8	0	18.65	18.78	18.67	20.5	0
3	QPSK	8	4	18.64	18.60	18.71		
3	QPSK	8	7	18.68	18.62	18.65		
3	QPSK	15	0	18.53	18.63	18.66		
3	16QAM	1	0	18.60	18.64	18.73	20.5	0
3	16QAM	1	8	18.68	18.58	18.61		
3	16QAM	1	14	18.52	18.60	18.67		
3	16QAM	8	0	18.71	18.62	18.67	20.5	0
3	16QAM	8	4	18.66	18.69	18.85		
3	16QAM	8	7	18.76	18.74	18.65		
3	16QAM	15	0	18.55	18.79	18.78		
3	64QAM	1	0	18.70	18.64	18.75	20.5	0
3	64QAM	1	8	18.59	18.71	18.75		
3	64QAM	1	14	18.68	18.88	18.72		
3	64QAM	8	0	18.77	18.70	18.62	20.5	0
3	64QAM	8	4	18.68	18.70	18.67		
3	64QAM	8	7	18.63	18.83	18.77		
3	64QAM	15	0	18.70	18.77	18.80		
3	256QAM	1	0	18.64	18.76	18.64	20.5	0
3	256QAM	1	8	18.61	18.92	18.65		
3	256QAM	1	14	18.81	18.77	18.67		
3	256QAM	8	0	18.71	18.78	18.75	20.5	0
3	256QAM	8	4	18.56	18.72	18.66		
3	256QAM	8	7	18.62	18.69	18.84		
3	256QAM	15	0	18.68	18.71	18.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.73	18.87	18.73	20.5	0
1.4	QPSK	1	3	18.77	18.91	18.79		
1.4	QPSK	1	5	18.72	18.75	18.74		
1.4	QPSK	3	0	18.59	18.82	18.74		
1.4	QPSK	3	1	18.73	18.66	18.66		
1.4	QPSK	3	3	18.68	18.75	18.63		
1.4	QPSK	6	0	18.65	18.72	18.50	20.5	0
1.4	16QAM	1	0	18.61	18.59	18.63	20.5	0
1.4	16QAM	1	3	18.62	18.63	18.64		
1.4	16QAM	1	5	18.54	18.59	18.66		
1.4	16QAM	3	0	18.69	18.68	18.66		
1.4	16QAM	3	1	18.71	18.60	18.81		
1.4	16QAM	3	3	18.67	18.72	18.71		
1.4	16QAM	6	0	18.68	18.73	18.74	20.5	0
1.4	64QAM	1	0	18.70	18.66	18.78	20.5	0
1.4	64QAM	1	3	18.62	18.70	18.81		
1.4	64QAM	1	5	18.75	18.82	18.77		
1.4	64QAM	3	0	18.76	18.81	18.71		
1.4	64QAM	3	1	18.67	18.78	18.63		
1.4	64QAM	3	3	18.57	18.84	18.78		
1.4	64QAM	6	0	18.77	18.71	18.79	20.5	0
1.4	256QAM	1	0	18.75	18.78	18.64	20.5	0
1.4	256QAM	1	3	18.52	18.80	18.62		
1.4	256QAM	1	5	18.73	18.80	18.78		
1.4	256QAM	3	0	18.69	18.81	18.73		
1.4	256QAM	3	1	18.61	18.67	18.72		
1.4	256QAM	3	3	18.63	18.75	18.69		
1.4	256QAM	6	0	18.66	18.77	18.70	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	17.48	17.56	17.52	19	0
20	QPSK	1	49	17.54	17.45	17.46		
20	QPSK	1	99	17.34	17.47	17.35		
20	QPSK	50	0	17.43	17.45	17.40	19	0
20	QPSK	50	24	17.22	17.32	17.32		
20	QPSK	50	50	17.32	17.29	17.18		
20	QPSK	100	0	17.15	17.37	17.09		
20	16QAM	1	0	17.17	17.32	17.33	19	0
20	16QAM	1	49	17.24	17.30	17.34		
20	16QAM	1	99	17.17	17.14	17.30		
20	16QAM	50	0	17.30	17.24	17.32	19	0
20	16QAM	50	24	17.40	17.26	17.36		
20	16QAM	50	50	17.30	17.25	17.39		
20	16QAM	100	0	17.24	17.46	17.30		
20	64QAM	1	0	17.25	17.38	17.40	19	0
20	64QAM	1	49	17.34	17.38	17.32		
20	64QAM	1	99	17.37	17.39	17.45		
20	64QAM	50	0	17.42	17.46	17.33	19	0
20	64QAM	50	24	17.30	17.42	17.21		
20	64QAM	50	50	17.23	17.49	17.52		
20	64QAM	100	0	17.36	17.33	17.46		
20	256QAM	1	0	17.25	17.42	17.39	19	0
20	256QAM	1	49	17.29	17.54	17.34		
20	256QAM	1	99	17.43	17.46	17.38		
20	256QAM	50	0	17.36	17.36	17.44	19	0
20	256QAM	50	24	17.32	17.32	17.34		
20	256QAM	50	50	17.36	17.43	17.33		
20	256QAM	100	0	17.30	17.30	17.31		
Channel				75	0	-75	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				7.5	0	-7.5		
15	QPSK	1	0	17.31	17.49	17.32	19	0
15	QPSK	1	37	17.34	17.40	17.31		
15	QPSK	1	74	17.37	17.33	17.33		
15	QPSK	36	0	17.19	17.37	17.26	19	0
15	QPSK	36	20	17.22	17.16	17.24		
15	QPSK	36	39	17.12	17.25	17.17		
15	QPSK	75	0	17.09	17.12	17.04		
15	16QAM	1	0	17.06	17.22	17.29	19	0
15	16QAM	1	37	17.15	17.20	17.23		
15	16QAM	1	74	17.06	17.12	17.22		
15	16QAM	36	0	17.22	17.20	17.21	19	0
15	16QAM	36	20	17.19	17.23	17.32		
15	16QAM	36	39	17.32	17.26	17.34		
15	16QAM	75	0	17.15	17.33	17.22		
15	64QAM	1	0	17.22	17.20	17.30	19	0
15	64QAM	1	37	17.21	17.26	17.30		
15	64QAM	1	74	17.28	17.40	17.23		
15	64QAM	36	0	17.34	17.24	17.22	19	0
15	64QAM	36	20	17.17	17.22	17.15		
15	64QAM	36	39	17.16	17.33	17.42		
15	64QAM	75	0	17.29	17.21	17.25		
15	256QAM	1	0	17.22	17.31	17.28	19	0
15	256QAM	1	37	17.15	17.33	17.28		
15	256QAM	1	74	17.26	17.26	17.25		
15	256QAM	36	0	17.25	17.34	17.19	19	0
15	256QAM	36	20	17.15	17.34	17.21		
15	256QAM	36	39	17.26	17.21	17.32		
15	256QAM	75	0	17.24	17.25	17.21		
Channel				50	0	-50	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	17.31	17.42	17.30	19	0
10	QPSK	1	25	17.36	17.35	17.29		
10	QPSK	1	49	17.38	17.30	17.26		
10	QPSK	25	0	17.17	17.31	17.23	19	0
10	QPSK	25	12	17.19	17.28	17.22		
10	QPSK	25	25	17.19	17.15	17.14		
10	QPSK	50	0	17.28	17.26	17.05		
10	16QAM	1	0	17.04	17.23	17.29	19	0
10	16QAM	1	25	17.11	17.19	17.19		
10	16QAM	1	49	17.06	17.14	17.10		
10	16QAM	25	0	17.28	17.24	17.24	19	0
10	16QAM	25	12	17.18	17.23	17.34		
10	16QAM	25	25	17.27	17.23	17.35		
10	16QAM	50	0	17.10	17.37	17.28		
10	64QAM	1	0	17.19	17.26	17.22	19	0
10	64QAM	1	25	17.28	17.22	17.24		
10	64QAM	1	49	17.21	17.34	17.34		
10	64QAM	25	0	17.29	17.26	17.29	19	0
10	64QAM	25	12	17.13	17.25	17.23		
10	64QAM	25	25	17.10	17.39	17.42		
10	64QAM	50	0	17.27	17.23	17.24		
10	256QAM	1	0	17.29	17.39	17.29	19	0
10	256QAM	1	25	17.07	17.49	17.30		
10	256QAM	1	49	17.29	17.26	17.27		
10	256QAM	25	0	17.19	17.36	17.23	19	0
10	256QAM	25	12	17.09	17.25	17.29		
10	256QAM	25	25	17.23	17.26	17.38		
10	256QAM	50	0	17.23	17.35	17.22		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	17.26	17.38	17.30	19	0
5	QPSK	1	12	17.38	17.45	17.42		
5	QPSK	1	24	17.25	17.28	17.32		
5	QPSK	12	0	17.24	17.42	17.20	19	0
5	QPSK	12	7	17.27	17.25	17.10		
5	QPSK	12	13	17.09	17.22	17.11		
5	QPSK	25	0	17.27	17.25	17.34		
5	16QAM	1	0	17.13	17.19	17.16	19	0
5	16QAM	1	12	17.11	17.20	17.19		
5	16QAM	1	24	17.15	17.09	17.22		
5	16QAM	12	0	17.19	17.22	17.23	19	0
5	16QAM	12	7	17.20	17.27	17.24		
5	16QAM	12	13	17.23	17.19	17.21		
5	16QAM	25	0	17.23	17.33	17.36		
5	64QAM	1	0	17.25	17.17	17.28	19	0
5	64QAM	1	12	17.13	17.22	17.37		
5	64QAM	1	24	17.20	17.30	17.29		
5	64QAM	12	0	17.25	17.25	17.14	19	0
5	64QAM	12	7	17.17	17.25	17.12		
5	64QAM	12	13	17.20	17.35	17.34		
5	64QAM	25	0	17.26	17.35	17.25		
5	256QAM	1	0	17.21	17.35	17.18	19	0
5	256QAM	1	12	17.14	17.39	17.24		
5	256QAM	1	24	17.34	17.24	17.34		
5	256QAM	12	0	17.28	17.35	17.32	19	0
5	256QAM	12	7	17.09	17.30	17.24		
5	256QAM	12	13	17.15	17.20	17.37		
5	256QAM	25	0	17.14	17.31	17.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.84	18.97	18.87		
20	QPSK	1	49	18.84	18.90	18.80	20	0
20	QPSK	1	99	18.83	18.84	18.74		
20	QPSK	50	0	18.66	18.88	18.68		
20	QPSK	50	24	18.66	18.78	18.64	20	0
20	QPSK	50	50	18.65	18.73	18.69		
20	QPSK	100	0	18.50	18.73	18.47		
20	16QAM	1	0	18.64	18.67	18.70		
20	16QAM	1	49	18.69	18.63	18.72	20	0
20	16QAM	1	99	18.61	18.58	18.65		
20	16QAM	50	0	18.75	18.75	18.68		
20	16QAM	50	24	18.72	18.65	18.88	20	0
20	16QAM	50	50	18.71	18.77	18.78		
20	16QAM	100	0	18.59	18.82	18.71		
20	64QAM	1	0	18.75	18.70	18.85		
20	64QAM	1	49	18.62	18.70	18.73	20	0
20	64QAM	1	99	18.74	18.80	18.80		
20	64QAM	50	0	18.81	18.75	18.63		
20	64QAM	50	24	18.75	18.80	18.61	20	0
20	64QAM	50	50	18.60	18.83	18.90		
20	64QAM	100	0	18.78	18.71	18.87		
20	256QAM	1	0	18.68	18.92	18.69		
20	256QAM	1	49	18.59	18.93	18.77	19.5	0.5
20	256QAM	1	99	18.85	18.79	18.82		
20	256QAM	50	0	18.65	18.77	18.73		
20	256QAM	50	24	18.68	18.76	18.75	19.5	0.5
20	256QAM	50	50	18.67	18.78	18.81		
20	256QAM	100	0	18.71	18.77	18.73		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.37	18.59	18.43		
15	QPSK	1	37	18.50	18.52	18.49	20	0
15	QPSK	1	74	18.45	18.39	18.38		
15	QPSK	36	0	18.31	18.46	18.37		
15	QPSK	36	20	18.34	18.33	18.31	20	0
15	QPSK	36	39	18.27	18.29	18.31		
15	QPSK	75	0	18.11	18.30	18.09		
15	16QAM	1	0	18.27	18.36	18.40		
15	16QAM	1	37	18.29	18.26	18.23	20	0
15	16QAM	1	74	18.17	18.16	18.20		
15	16QAM	36	0	18.34	18.37	18.32		
15	16QAM	36	20	18.34	18.27	18.46	20	0
15	16QAM	36	39	18.35	18.26	18.35		
15	16QAM	75	0	18.31	18.49	18.47		
15	64QAM	1	0	18.39	18.29	18.45		
15	64QAM	1	37	18.25	18.26	18.36	20	0
15	64QAM	1	74	18.36	18.50	18.35		
15	64QAM	36	0	18.34	18.45	18.27		
15	64QAM	36	20	18.37	18.31	18.30	20	0
15	64QAM	36	39	18.26	18.44	18.48		
15	64QAM	75	0	18.32	18.44	18.36		
15	256QAM	1	0	18.32	18.49	18.29		
15	256QAM	1	37	18.23	18.53	18.29	19.5	0.5
15	256QAM	1	74	18.38	18.34	18.39		
15	256QAM	36	0	18.41	18.38	18.31		
15	256QAM	36	20	18.33	18.36	18.33	19.5	0.5
15	256QAM	36	39	18.28	18.33	18.47		
15	256QAM	75	0	18.39	18.36	18.36		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1910		
10	QPSK	1	0	18.36	18.54	18.43		
10	QPSK	1	25	18.52	18.56	18.44	20	0
10	QPSK	1	49	18.39	18.51	18.34		
10	QPSK	25	0	18.32	18.49	18.32		
10	QPSK	25	12	18.26	18.28	18.30	20	0
10	QPSK	25	25	18.26	18.34	18.28		
10	QPSK	50	0	18.17	18.37	18.14		
10	16QAM	1	0	18.16	18.32	18.36		
10	16QAM	1	25	18.31	18.28	18.35	20	0
10	16QAM	1	49	18.20	18.14	18.19		
10	16QAM	25	0	18.36	18.36	18.26		
10	16QAM	25	12	18.35	18.31	18.48	20	0
10	16QAM	25	25	18.38	18.27	18.33		
10	16QAM	50	0	18.29	18.44	18.33		
10	64QAM	1	0	18.38	18.32	18.45		
10	64QAM	1	25	18.31	18.36	18.32	20	0
10	64QAM	1	49	18.29	18.47	18.37		
10	64QAM	25	0	18.36	18.38	18.30		
10	64QAM	25	12	18.37	18.31	18.25	20	0
10	64QAM	25	25	18.29	18.51	18.53		
10	64QAM	50	0	18.38	18.36	18.34		
10	256QAM	1	0	18.34	18.51	18.41		
10	256QAM	1	25	18.30	18.55	18.29	19.5	0.5
10	256QAM	1	49	18.41	18.34	18.32		
10	256QAM	25	0	18.29	18.53	18.35		
10	256QAM	25	12	18.36	18.36	18.42	19.5	0.5
10	256QAM	25	25	18.34	18.31	18.40		
10	256QAM	50	0	18.32	18.37	18.43		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.38	18.52	18.46		
5	QPSK	1	12	18.45	18.47	18.50	20	0
5	QPSK	1	24	18.45	18.51	18.34		
5	QPSK	12	0	18.28	18.46	18.25		
5	QPSK	12	7	18.30	18.32	18.27	20	0
5	QPSK	12	13	18.31	18.30	18.27		
5	QPSK	25	0	18.15	18.29	18.09		
5	16QAM	1	0	18.19	18.29	18.36		
5	16QAM	1	12	18.19	18.16	18.34	20	0
5	16QAM	1	24	18.21	18.22	18.26		
5	16QAM	12	0	18.33	18.30	18.29		
5	16QAM	12	7	18.31	18.24	18.37	20	0
5	16QAM	12	13	18.36	18.33	18.38		
5	16QAM	25	0	18.20	18.45	18.35		
5	64QAM	1	0	18.35	18.32	18.35		
5	64QAM	1	12	18.29	18.29	18.33	20	0
5	64QAM	1	24	18.34	18.46	18.31		
5	64QAM	12	0	18.38	18.47	18.34		
5	64QAM	12	7	18.35	18.34	18.30	20	0
5	64QAM	12	13	18.25	18.43	18.53		
5	64QAM	25	0	18.38	18.32	18.43		
5	256QAM	1	0	18.27	18.42	18.32		
5	256QAM	1	12	18.18	18.48	18.33	19.5	0.5
5	256QAM	1	24	18.46	18.37	18.39		
5	256QAM	12	0	18.36	18.38	18.41		
5	256QAM	12	7	18.28	18.42	18.40	19.5	0.5
5	256QAM	12	13	18.34	18.40	18.42		
5	256QAM	25	0	18.33	18.42	18.36		
Channel				26040	26340	26690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.34	18.57	18.45		
3	QPSK	1	8	18.52	18.54	18.54	20	0
3	QPSK	1	14	18.48	18.49	18.41		
3	QPSK	8	0	18.33	18.53	18.36		
3	QPSK	8	4	18.24	18.35	18.35	20	0
3	QPSK	8	7	18.26	18.28	18.20		
3	QPSK	15	0	18.19	18.26	18.19		
3	16QAM	1	0	18.18	18.28	18.30		
3	16QAM	1	8	18.34	18.29	18.28	20	0
3	16QAM	1	14	18.19	18.29	18.27		
3	16QAM	8	0	18.35	18.25	18.23		
3	16QAM	8	4	18.34	18.35	18.37	20	0
3	16QAM	8	7	18.32	18.35	18.38		
3	16QAM	15	0	18.23	18.38	18.36		
3	64QAM	1	0	18.36	18.40	18.34		
3	64QAM	1	8	18.31	18.33	18.34	20	0
3	64QAM	1	14	18.28	18.55	18.41		
3	64QAM	8	0	18.46	18.48	18.36		
3	64QAM	8	4	18.23	18.35	18.22	20	0
3	64QAM	8	7	18.33	18.51	18.42		
3	64QAM	15	0	18.43	18.37	18.44		
3	256QAM	1	0	18.30	18.48	18.38		
3	256QAM	1	8	18.25	18.56	18.40	19.5	0.5
3	256QAM	1	14	18.40	18.40	18.39		
3	256QAM	8	0	18.30	18.40	18.41		
3	256QAM	8	4	18.32	18.34	18.41	19.5	0.5
3	256QAM	8	7	18.32	18.30	18.46		
3	256QAM	15	0	18.26	18.41	18.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.36	18.49	18.42		
1.4	QPSK	1	3	18.40	18.55	18.42		
1.4	QPSK	1	5	18.36	18.40	18.43	20	0
1.4	QPSK	3	0	18.32	18.42	18.31		
1.4	QPSK	3	1	18.36	18.30	18.26		
1.4	QPSK	3	3	18.22	18.39	18.24		
1.4	QPSK	6	0	18.17	18.34	18.09	20	0
1.4	16QAM	1	0	18.31	18.26	18.34		
1.4	16QAM	1	3	18.23	18.25	18.24		
1.4	16QAM	1	5	18.20	18.29	18.29	20	0
1.4	16QAM	3	0	18.33	18.34	18.23		
1.4	16QAM	3	1	18.36	18.32	18.50		
1.4	16QAM	3	3	18.33	18.35	18.34		
1.4	16QAM	6	0	18.34	18.49	18.46	20	0
1.4	64QAM	1	0	18.34	18.29	18.43		
1.4	64QAM	1	3	18.25	18.31	18.38		
1.4	64QAM	1	5	18.42	18.40	18.44	20	0
1.4	64QAM	3	0	18.36	18.48	18.33		
1.4	64QAM	3	1	18.26	18.36	18.24		
1.4	64QAM	3	3	18.29	18.38	18.45		
1.4	64QAM	6	0	18.38	18.45	18.40	20	0
1.4	256QAM	1	0	18.34	18.53	18.28		
1.4	256QAM	1	3	18.33	18.59	18.34		
1.4	256QAM	1	5	18.36	18.40	18.34	19.5	0.5
1.4	256QAM	3	0	18.35	18.46	18.30		
1.4	256QAM	3	1	18.19	18.32	18.31		
1.4	256QAM	3	3	18.33	18.39	18.45		
1.4	256QAM	6	0	18.25	18.35	18.42	19.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.65	18.80	18.68		
20	QPSK	1	49	18.61	18.59	18.72	20	0
20	QPSK	1	99	18.55	18.57	18.49		
20	QPSK	50	0	18.51	18.62	18.58		
20	QPSK	50	24	18.43	18.57	18.40	20	0
20	QPSK	50	50	18.47	18.52	18.44		
20	QPSK	100	0	18.39	18.45	18.38		
20	16QAM	1	0	18.35	18.45	18.52		
20	16QAM	1	49	18.40	18.35	18.50	20	0
20	16QAM	1	99	18.40	18.33	18.39		
20	16QAM	50	0	18.58	18.48	18.50		
20	16QAM	50	24	18.51	18.57	18.60	20	0
20	16QAM	50	50	18.50	18.47	18.57		
20	16QAM	100	0	18.42	18.64	18.60		
20	64QAM	1	0	18.45	18.57	18.62		
20	64QAM	1	49	18.49	18.42	18.54	20	0
20	64QAM	1	99	18.55	18.65	18.50		
20	64QAM	50	0	18.52	18.60	18.52		
20	64QAM	50	24	18.46	18.62	18.49	20	0
20	64QAM	50	50	18.53	18.55	18.61		
20	64QAM	100	0	18.47	18.60	18.57		
20	256QAM	1	0	18.54	18.69	18.59		
20	256QAM	1	49	18.43	18.73	18.51	20	0
20	256QAM	1	99	18.59	18.52	18.53		
20	256QAM	50	0	18.54	18.64	18.61		
20	256QAM	50	24	18.42	18.57	18.59	20	0
20	256QAM	50	50	18.52	18.62	18.60		
20	256QAM	100	0	18.47	18.62	18.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.16	18.42	18.21		
15	QPSK	1	37	18.30	18.35	18.24	20	0
15	QPSK	1	74	18.15	18.24	18.18		
15	QPSK	36	0	18.08	18.27	18.06		
15	QPSK	36	20	18.13	18.13	18.08	20	0
15	QPSK	36	39	18.13	18.16	18.06		
15	QPSK	75	0	18.04	18.06	18.07		
15	16QAM	1	0	18.07	18.14	18.16		
15	16QAM	1	37	18.08	18.07	18.03	20	0
15	16QAM	1	74	18.04	18.04	18.05		
15	16QAM	36	0	18.16	18.01	18.13		
15	16QAM	36	20	18.13	18.10	18.17	20	0
15	16QAM	36	39	18.24	18.05	18.09		
15	16QAM	75	0	18.03	18.23	18.17		
15	64QAM	1	0	18.08	18.13	18.13		
15	64QAM	1	37	18.03	18.12	18.21	20	0
15	64QAM	1	74	18.12	18.27	18.16		
15	64QAM	36	0	18.18	18.18	18.10		
15	64QAM	36	20	18.14	18.11	18.15	20	0
15	64QAM	36	39	18.12	18.19	18.31		
15	64QAM	75	0	18.13	18.10	18.14		
15	256QAM	1	0	18.11	18.24	18.13		
15	256QAM	1	37	18.02	18.30	18.04	20	0
15	256QAM	1	74	18.16	18.19	18.22		
15	256QAM	36	0	18.08	18.20	18.11		
15	256QAM	36	20	18.06	18.16	18.17	20	0
15	256QAM	36	39	18.14	18.10	18.16		
15	256QAM	75	0	18.16	18.10	18.08		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.17	18.37	18.32		
10	QPSK	1	25	18.32	18.25	18.27	20	0
10	QPSK	1	49	18.16	18.16	18.16		
10	QPSK	25	0	18.11	18.21	18.06		
10	QPSK	25	12	18.15	18.11	18.11	20	0
10	QPSK	25	25	18.11	18.19	18.10		
10	QPSK	50	0	18.06	18.14	18.07		
10	16QAM	1	0	18.01	18.16	18.11		
10	16QAM	1	25	18.04	18.09	18.11	20	0
10	16QAM	1	49	18.08	18.11	18.09		
10	16QAM	25	0	18.16	18.00	18.01		
10	16QAM	25	12	18.09	18.08	18.21	20	0
10	16QAM	25	25	18.22	18.14	18.17		
10	16QAM	50	0	18.07	18.16	18.19		
10	64QAM	1	0	18.09	18.10	18.26		
10	64QAM	1	25	18.11	18.12	18.25	20	0
10	64QAM	1	49	18.07	18.30	18.12		
10	64QAM	25	0	18.21	18.20	18.06		
10	64QAM	25	12	18.05	18.16	18.01	20	0
10	64QAM	25	25	18.00	18.22	18.28		
10	64QAM	50	0	18.12	18.22	18.14		
10	256QAM	1	0	18.06	18.16	18.08		
10	256QAM	1	25	18.02	18.28	18.10	20	0
10	256QAM	1	49	18.22	18.18	18.19		
10	256QAM	25	0	18.06	18.18	18.09		
10	256QAM	25	12	18.00	18.22	18.24	20	0
10	256QAM	25	25	18.12	18.10	18.17		
10	256QAM	50	0	18.08	18.11	18.19		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.19	18.29	18.31		
5	QPSK	1	12	18.22	18.34	18.18	20	0
5	QPSK	1	24	18.26	18.27	18.18		
5	QPSK	12	0	18.08	18.18	18.17		
5	QPSK	12	7	18.13	18.03	18.04	20	0
5	QPSK	12	13	18.09	18.15	18.00		
5	QPSK	25	0	18.05	18.12	18.07		
5	16QAM	1	0	18.05	18.11	18.18		
5	16QAM	1	12	18.00	18.03	18.05	20	0
5	16QAM	1	24	18.06	18.06	18.11		
5	16QAM	12	0	18.15	18.05	18.10		
5	16QAM	12	7	18.22	18.03	18.26	20	0
5	16QAM	12	13	18.23	18.15	18.08		
5	16QAM	25	0	18.11	18.26	18.09		
5	64QAM	1	0	18.08	18.05	18.25		
5	64QAM	1	12	18.12	18.14	18.20	20	0
5	64QAM	1	24	18.08	18.23	18.21		
5	64QAM	12	0	18.17	18.14	18.09		
5	64QAM	12	7	18.08	18.21	18.06	20	0
5	64QAM	12	13	18.09	18.26	18.17		
5	64QAM	25	0	18.11	18.12	18.15		
5	256QAM	1	0	18.04	18.30	18.06		
5	256QAM	1	12	18.10	18.32	18.16	20	0
5	256QAM	1	24	18.20	18.22	18.18		
5	256QAM	12	0	18.13	18.29	18.13		
5	256QAM	12	7	18.09	18.25	18.09	20	0
5	256QAM	12	13	18.13	18.16	18.21		
5	256QAM	25	0	18.07	18.16	18.11		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.23	18.37	18.18		
3	QPSK	1	8	18.18	18.22	18.22	20	0
3	QPSK	1	14	18.27	18.30	18.12		
3	QPSK	8	0	18.04	18.28	18.17		
3	QPSK	8	4	18.02	18.14	18.01	20	0
3	QPSK	8	7	18.12	18.12	18.07		
3	QPSK	15	0	18.06	18.11	18.06		
3	16QAM	1	0	18.06	18.16	18.10		
3	16QAM	1	8	18.04	18.07	18.03	20	0
3	16QAM	1	14	18.07	18.08	18.08		
3	16QAM	8	0	18.12	18.10	18.05		
3	16QAM	8	4	18.20	18.13	18.13	20	0
3	16QAM	8	7	18.21	18.16	18.20		
3	16QAM	15	0	18.00	18.28	18.15		
3	64QAM	1	0	18.16	18.11	18.16		
3	64QAM	1	8	18.11	18.03	18.25	20	0
3	64QAM	1	14	18.20	18.19	18.09		
3	64QAM	8	0	18.21	18.18	18.04		
3	64QAM	8	4	18.15	18.07	18.13	20	0
3	64QAM	8	7	18.11	18.18	18.20		
3	64QAM	15	0	18.09	18.23	18.19		
3	256QAM	1	0	18.06	18.28	18.09		
3	256QAM	1	8	18.08	18.37	18.06	20	0
3	256QAM	1	14	18.12	18.10	18.16		
3	256QAM	8	0	18.13	18.31	18.14		
3	256QAM	8	4	18.02	18.15	18.17	20	0
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.09	18.14	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.14	18.29	18.18		
1.4	QPSK	1	3	18.28	18.25	18.30		
1.4	QPSK	1	5	18.19	18.19	18.11	20	0
1.4	QPSK	3	0	18.08	18.25	18.08		
1.4	QPSK	3	1	18.05	18.13	18.04		
1.4	QPSK	3	3	18.10	18.05	18.05		
1.4	QPSK	6	0	18.03	18.16	18.06	20	0
1.4	16QAM	1	0	18.07	18.07	18.21		
1.4	16QAM	1	3	18.00	18.08	18.02		
1.4	16QAM	1	5	18.04	18.06	18.11	20	0
1.4	16QAM	3	0	18.15	18.07	18.05		
1.4	16QAM	3	1	18.13	18.18	18.19		
1.4	16QAM	3	3	18.11	18.09	18.16		
1.4	16QAM	6	0	18.01	18.22	18.12	20	0
1.4	64QAM	1	0	18.07	18.09	18.13		
1.4	64QAM	1	3	18.02	18.04	18.15		
1.4	64QAM	1	5	18.06	18.25	18.19	20	0
1.4	64QAM	3	0	18.16	18.27	18.17		
1.4	64QAM	3	1	18.07	18.16	18.11		
1.4	64QAM	3	3	18.03	18.26	18.25		
1.4	64QAM	6	0	18.18	18.15	18.22	20	0
1.4	256QAM	1	0	18.09	18.29	18.08		
1.4	256QAM	1	3	18.07	18.22	18.07		
1.4	256QAM	1	5	18.13	18.12	18.07	20	0
1.4	256QAM	3	0	18.16	18.24	18.19		
1.4	256QAM	3	1	18.07	18.19	18.12		
1.4	256QAM	3	3	18.03	18.09	18.22		
1.4	256QAM	6	0	18.12	18.20	18.15	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.81	19.84	19.74	21	0
20	QPSK	1	49	19.66	19.74	19.77		
20	QPSK	1	99	19.70	19.61	19.71		
20	QPSK	50	0	19.70	19.75	19.71	21	0
20	QPSK	50	24	19.64	19.63	19.56		
20	QPSK	50	50	19.61	19.51	19.46		
20	QPSK	100	0	19.39	19.71	19.40		
20	16QAM	1	0	19.45	19.62	19.65	21	0
20	16QAM	1	49	19.54	19.50	19.52		
20	16QAM	1	99	19.40	19.48	19.46		
20	16QAM	50	0	19.56	19.53	19.56	21	0
20	16QAM	50	24	19.55	19.51	19.74		
20	16QAM	50	50	19.67	19.50	19.61		
20	16QAM	100	0	19.47	19.75	19.61		
20	64QAM	1	0	19.53	19.57	19.67	21	0
20	64QAM	1	49	19.58	19.55	19.63		
20	64QAM	1	99	19.56	19.65	19.69		
20	64QAM	50	0	19.64	19.66	19.51	21	0
20	64QAM	50	24	19.50	19.59	19.58		
20	64QAM	50	50	19.61	19.67	19.65		
20	64QAM	100	0	19.65	19.61	19.71		
20	256QAM	1	0	18.55	18.71	18.53	20	1
20	256QAM	1	49	18.49	18.83	18.65		
20	256QAM	1	99	18.62	18.67	18.67		
20	256QAM	50	0	18.65	18.77	18.70	20	1
20	256QAM	50	24	18.52	18.65	18.66		
20	256QAM	50	50	18.62	18.60	18.71		
20	256QAM	100	0	18.50	18.64	18.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.56	19.72	19.64	21	0
15	QPSK	1	37	19.57	19.70	19.58		
15	QPSK	1	74	19.63	19.62	19.49		
15	QPSK	36	0	19.46	19.61	19.50	21	0
15	QPSK	36	20	19.49	19.52	19.37		
15	QPSK	36	39	19.44	19.46	19.32		
15	QPSK	75	0	19.33	19.48	19.23		
15	16QAM	1	0	19.44	19.51	19.43	21	0
15	16QAM	1	37	19.43	19.40	19.52		
15	16QAM	1	74	19.39	19.30	19.42		
15	16QAM	36	0	19.44	19.40	19.45	21	0
15	16QAM	36	20	19.51	19.43	19.52		
15	16QAM	36	39	19.59	19.53	19.55		
15	16QAM	75	0	19.42	19.53	19.53		
15	64QAM	1	0	19.41	19.42	19.50	21	0
15	64QAM	1	37	19.50	19.49	19.58		
15	64QAM	1	74	19.56	19.59	19.57		
15	64QAM	36	0	19.51	19.62	19.56	21	0
15	64QAM	36	20	19.44	19.48	19.52		
15	64QAM	36	39	19.38	19.59	19.59		
15	64QAM	75	0	19.47	19.56	19.60		
15	256QAM	1	0	18.40	18.56	18.48	20	1
15	256QAM	1	37	18.43	18.69	18.43		
15	256QAM	1	74	18.57	18.59	18.59		
15	256QAM	36	0	18.53	18.60	18.45	20	1
15	256QAM	36	20	18.46	18.49	18.56		
15	256QAM	36	39	18.55	18.53	18.52		
15	256QAM	75	0	18.43	18.54	18.47		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.61	19.68	19.65	21	0
10	QPSK	1	25	19.65	19.67	19.54		
10	QPSK	1	49	19.60	19.63	19.55		
10	QPSK	25	0	19.43	19.68	19.50	21	0
10	QPSK	25	12	19.42	19.44	19.44		
10	QPSK	25	25	19.42	19.44	19.45		
10	QPSK	50	0	19.35	19.48	19.28		
10	16QAM	1	0	19.35	19.48	19.51	21	0
10	16QAM	1	25	19.42	19.39	19.48		
10	16QAM	1	49	19.34	19.33	19.41		
10	16QAM	25	0	19.53	19.50	19.38	21	0
10	16QAM	25	12	19.55	19.42	19.63		
10	16QAM	25	25	19.46	19.50	19.46		
10	16QAM	50	0	19.36	19.59	19.50		
10	64QAM	1	0	19.42	19.46	19.49	21	0
10	64QAM	1	25	19.38	19.52	19.54		
10	64QAM	1	49	19.50	19.68	19.46		
10	64QAM	25	0	19.50	19.61	19.43	21	0
10	64QAM	25	12	19.43	19.48	19.37		
10	64QAM	25	25	19.51	19.66	19.60		
10	64QAM	50	0	19.52	19.47	19.60		
10	256QAM	1	0	18.42	18.61	18.52	20	1
10	256QAM	1	25	18.46	18.68	18.48		
10	256QAM	1	49	18.57	18.46	18.58		
10	256QAM	25	0	18.41	18.61	18.52	20	1
10	256QAM	25	12	18.35	18.58	18.55		
10	256QAM	25	25	18.48	18.46	18.53		
10	256QAM	50	0	18.42	18.61	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.58	19.69	19.63	21	0
5	QPSK	1	12	19.64	19.58	19.57		
5	QPSK	1	24	19.57	19.53	19.48		
5	QPSK	12	0	19.38	19.62	19.45	21	0
5	QPSK	12	7	19.38	19.55	19.50		
5	QPSK	12	13	19.37	19.45	19.37		
5	QPSK	25	0	19.30	19.40	19.30		
5	16QAM	1	0	19.34	19.47	19.47	21	0
5	16QAM	1	12	19.47	19.36	19.53		
5	16QAM	1	24	19.44	19.33	19.43		
5	16QAM	12	0	19.49	19.43	19.50	21	0
5	16QAM	12	7	19.56	19.39	19.54		
5	16QAM	12	13	19.51	19.43	19.59		
5	16QAM	25	0	19.43	19.54	19.59		
5	64QAM	1	0	19.44	19.46	19.62	21	0
5	64QAM	1	12	19.43	19.50	19.62		
5	64QAM	1	24	19.53	19.63	19.57		
5	64QAM	12	0	19.61	19.61	19.54	21	0
5	64QAM	12	7	19.49	19.47	19.40		
5	64QAM	12	13	19.49	19.66	19.69		
5	64QAM	25	0	19.46	19.48	19.56		
5	256QAM	1	0	18.44	18.63	18.50	20	1
5	256QAM	1	12	18.43	18.73	18.53		
5	256QAM	1	24	18.57	18.55	18.51		
5	256QAM	12	0	18.48	18.65	18.57	20	1
5	256QAM	12	7	18.47	18.48	18.60		
5	256QAM	12	13	18.51	18.59	18.62		
5	256QAM	25	0	18.41	18.56	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.56	20.54	20.66	20.64	20.62	22	0
20	QPSK	1	49	20.51	20.60	20.55	20.64	20.54		
20	QPSK	1	99	20.52	20.51	20.62	20.44	20.47		
20	QPSK	50	0	20.40	20.39	20.56	20.38	20.40	22	0
20	QPSK	50	24	20.34	20.38	20.49	20.38	20.39		
20	QPSK	50	50	20.30	20.34	20.38	20.29	20.33		
20	QPSK	100	0	20.17	20.29	20.51	20.25	20.18		
20	16QAM	1	0	20.38	20.36	20.47	20.41	20.51	22	0
20	16QAM	1	49	20.43	20.31	20.29	20.45	20.38		
20	16QAM	1	99	20.37	20.34	20.40	20.39	20.43		
20	16QAM	50	0	20.39	20.43	20.38	20.40	20.40	22	0
20	16QAM	50	24	20.48	20.53	20.42	20.50	20.60		
20	16QAM	50	50	20.55	20.51	20.46	20.45	20.40		
20	16QAM	100	0	20.34	20.33	20.58	20.45	20.43		
20	64QAM	1	0	20.41	20.37	20.47	20.45	20.58	22	0
20	64QAM	1	49	20.39	20.47	20.40	20.43	20.54		
20	64QAM	1	99	20.47	20.42	20.52	20.52	20.47		
20	64QAM	50	0	20.51	20.48	20.57	20.44	20.46	22	0
20	64QAM	50	24	20.37	20.38	20.44	20.41	20.34		
20	64QAM	50	50	20.44	20.42	20.51	20.57	20.56		
20	64QAM	100	0	20.48	20.51	20.46	20.60	20.59		
20	256QAM	1	0	18.69	18.61	18.79	18.62	18.70	20	2
20	256QAM	1	49	18.50	18.51	18.83	18.64	18.64		
20	256QAM	1	99	18.70	18.67	18.74	18.68	18.61		
20	256QAM	50	0	18.67	18.68	18.79	18.65	18.70	20	2
20	256QAM	50	24	18.49	18.61	18.74	18.73	18.71		
20	256QAM	50	50	18.57	18.57	18.61	18.71	18.77		
20	256QAM	100	0	18.67	18.62	18.62	18.65	18.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.34	20.37	20.55	20.46	20.51	22	0
15	QPSK	1	37	20.53	20.53	20.55	20.47	20.52		
15	QPSK	1	74	20.49	20.38	20.39	20.42	20.31		
15	QPSK	36	0	20.34	20.33	20.50	20.38	20.39	22	0
15	QPSK	36	20	20.24	20.33	20.40	20.33	20.25		
15	QPSK	36	39	20.28	20.25	20.40	20.24	20.22		
15	QPSK	75	0	20.08	20.07	20.35	20.12	20.19		
15	16QAM	1	0	20.27	20.17	20.32	20.40	20.31	22	0
15	16QAM	1	37	20.32	20.31	20.30	20.32	20.33		
15	16QAM	1	74	20.26	20.25	20.17	20.23	20.22		
15	16QAM	36	0	20.39	20.30	20.34	20.31	20.36	22	0
15	16QAM	36	20	20.38	20.45	20.29	20.47	20.49		
15	16QAM	36	39	20.33	20.40	20.31	20.40	20.41		
15	16QAM	75	0	20.22	20.31	20.39	20.45	20.43		
15	64QAM	1	0	20.35	20.27	20.26	20.38	20.43	22	0
15	64QAM	1	37	20.29	20.34	20.28	20.45	20.47		
15	64QAM	1	74	20.29	20.38	20.54	20.42	20.35		
15	64QAM	36	0	20.30	20.32	20.44	20.33	20.39	22	0
15	64QAM	36	20	20.23	20.37	20.32	20.24	20.34		
15	64QAM	36	39	20.29	20.24	20.37	20.50	20.46		
15	64QAM	75	0	20.31	20.37	20.33	20.43	20.48		
15	256QAM	1	0	18.32	18.31	18.47	18.33	18.29	20	2
15	256QAM	1	37	18.21	18.31	18.49	18.38	18.35		
15	256QAM	1	74	18.36	18.45	18.39	18.44	18.35		
15	256QAM	36	0	18.29	18.38	18.50	18.36	18.42	20	2
15	256QAM	36	20	18.32	18.28	18.42	18.38	18.31		
15	256QAM	36	39	18.26	18.28	18.41	18.41	18.40		
15	256QAM	75	0	18.29	18.34	18.41	18.35	18.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.40	20.37	20.56	20.43	20.45	22	0
10	QPSK	1	25	20.41	20.49	20.41	20.48	20.40		
10	QPSK	1	49	20.37	20.45	20.38	20.37	20.33		
10	QPSK	25	0	20.34	20.23	20.48	20.31	20.38	22	0
10	QPSK	25	12	20.32	20.27	20.35	20.22	20.34		
10	QPSK	25	25	20.21	20.21	20.41	20.28	20.27		
10	QPSK	50	0	20.18	20.08	20.28	20.18	20.16		
10	16QAM	1	0	20.25	20.22	20.33	20.37	20.42	22	0
10	16QAM	1	25	20.19	20.28	20.32	20.36	20.38		
10	16QAM	1	49	20.24	20.25	20.17	20.27	20.34		
10	16QAM	25	0	20.30	20.36	20.33	20.33	20.23	22	0
10	16QAM	25	12	20.39	20.37	20.27	20.46	20.40		
10	16QAM	25	25	20.42	20.37	20.38	20.42	20.31		
10	16QAM	50	0	20.33	20.29	20.47	20.38	20.36		
10	64QAM	1	0	20.28	20.30	20.41	20.47	20.38	22	0
10	64QAM	1	25	20.33	20.27	20.25	20.42	20.39		
10	64QAM	1	49	20.40	20.28	20.50	20.36	20.42		
10	64QAM	25	0	20.45	20.44	20.42	20.40	20.35	22	0
10	64QAM	25	12	20.29	20.30	20.43	20.34	20.36		
10	64QAM	25	25	20.21	20.21	20.42	20.53	20.39		
10	64QAM	50	0	20.30	20.39	20.34	20.47	20.40		
10	256QAM	1	0	18.34	18.40	18.38	18.38	18.36	20	2
10	256QAM	1	25	18.24	18.19	18.46	18.39	18.36		
10	256QAM	1	49	18.47	18.38	18.39	18.43	18.41		
10	256QAM	25	0	18.39	18.36	18.37	18.41	18.32	20	2
10	256QAM	25	12	18.23	18.31	18.41	18.33	18.42		
10	256QAM	25	25	18.31	18.37	18.39	18.36	18.47		
10	256QAM	50	0	18.29	18.25	18.40	18.36	18.40		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.35	20.36	20.60	20.45	20.54	22	0
5	QPSK	1	12	20.44	20.41	20.45	20.48	20.39		
5	QPSK	1	24	20.36	20.46	20.45	20.38	20.37		
5	QPSK	12	0	20.23	20.21	20.48	20.34	20.34	22	0
5	QPSK	12	7	20.24	20.37	20.41	20.35	20.24		
5	QPSK	12	13	20.22	20.30	20.39	20.26	20.27		
5	QPSK	25	0	20.11	20.18	20.25	20.19	20.13		
5	16QAM	1	0	20.20	20.24	20.24	20.40	20.40	22	0
5	16QAM	1	12	20.22	20.22	20.27	20.39	20.26		
5	16QAM	1	24	20.21	20.25	20.16	20.33	20.26		
5	16QAM	12	0	20.35	20.38	20.24	20.25	20.30	22	0
5	16QAM	12	7	20.44	20.42	20.25	20.37	20.37		
5	16QAM	12	13	20.39	20.36	20.28	20.33	20.31		
5	16QAM	25	0	20.33	20.20	20.43	20.36	20.38	22	0
5	64QAM	1	0	20.33	20.34	20.36	20.46	20.46		
5	64QAM	1	12	20.31	20.30	20.33	20.38	20.47		
5	64QAM	1	24	20.28	20.37	20.45	20.43	20.38		
5	64QAM	12	0	20.37	20.42	20.37	20.39	20.37	22	0
5	64QAM	12	7	20.35	20.27	20.29	20.36	20.24		
5	64QAM	12	13	20.31	20.31	20.38	20.53	20.52		
5	64QAM	25	0	20.42	20.29	20.40	20.38	20.50		
5	256QAM	1	0	18.32	18.34	18.39	18.27	18.27	20	2
5	256QAM	1	12	18.27	18.28	18.47	18.28	18.35		
5	256QAM	1	24	18.44	18.43	18.31	18.34	18.33		
5	256QAM	12	0	18.28	18.40	18.43	18.36	18.32	20	2
5	256QAM	12	7	18.25	18.32	18.38	18.37	18.34		
5	256QAM	12	13	18.29	18.33	18.34	18.47	18.36		
5	256QAM	25	0	18.32	18.36	18.41	18.33	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.58	19.70	19.53	20.2	0
20	QPSK	1	49	19.57	19.52	19.55		
20	QPSK	1	99	19.59	19.48	19.55		
20	QPSK	50	0	19.45	19.57	19.38	20.2	0
20	QPSK	50	24	19.46	19.47	19.37		
20	QPSK	50	50	19.41	19.48	19.36		
20	QPSK	100	0	19.19	19.38	19.17		
20	16QAM	1	0	19.38	19.43	19.48	20.2	0
20	16QAM	1	49	19.39	19.42	19.35		
20	16QAM	1	99	19.35	19.41	19.42		
20	16QAM	50	0	19.40	19.37	19.34	20.2	0
20	16QAM	50	24	19.45	19.38	19.49		
20	16QAM	50	50	19.43	19.38	19.44		
20	16QAM	100	0	19.41	19.50	19.48		
20	64QAM	1	0	19.42	19.45	19.46	20.2	0
20	64QAM	1	49	19.42	19.38	19.50		
20	64QAM	1	99	19.42	19.54	19.51		
20	64QAM	50	0	19.55	19.58	19.51	20.2	0
20	64QAM	50	24	19.44	19.51	19.41		
20	64QAM	50	50	19.40	19.62	19.57		
20	64QAM	100	0	19.44	19.59	19.58		
20	256QAM	1	0	19.45	19.56	19.49	20.2	0
20	256QAM	1	49	19.42	19.57	19.50		
20	256QAM	1	99	19.52	19.57	19.48		
20	256QAM	50	0	19.47	19.54	19.42	20.2	0
20	256QAM	50	24	19.36	19.52	19.52		
20	256QAM	50	50	19.41	19.48	19.50		
20	256QAM	100	0	19.47	19.43	19.49		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.45	19.59	19.50	20.2	0
15	QPSK	1	37	19.44	19.56	19.40		
15	QPSK	1	74	19.46	19.45	19.33		
15	QPSK	36	0	19.29	19.46	19.26	20.2	0
15	QPSK	36	20	19.36	19.40	19.33		
15	QPSK	36	39	19.25	19.33	19.31		
15	QPSK	75	0	19.11	19.36	19.13		
15	16QAM	1	0	19.16	19.34	19.40	20.2	0
15	16QAM	1	37	19.21	19.33	19.29		
15	16QAM	1	74	19.23	19.18	19.32		
15	16QAM	36	0	19.37	19.31	19.34	20.2	0
15	16QAM	36	20	19.45	19.30	19.46		
15	16QAM	36	39	19.41	19.36	19.40		
15	16QAM	75	0	19.25	19.39	19.34		
15	64QAM	1	0	19.27	19.26	19.35	20.2	0
15	64QAM	1	37	19.29	19.40	19.47		
15	64QAM	1	74	19.34	19.49	19.45		
15	64QAM	36	0	19.40	19.35	19.32	20.2	0
15	64QAM	36	20	19.29	19.42	19.34		
15	64QAM	36	39	19.22	19.42	19.42		
15	64QAM	75	0	19.35	19.42	19.46		
15	256QAM	1	0	19.28	19.40	19.40	20.2	0
15	256QAM	1	37	19.27	19.53	19.40		
15	256QAM	1	74	19.35	19.41	19.38		
15	256QAM	36	0	19.40	19.40	19.40	20.2	0
15	256QAM	36	20	19.34	19.38	19.46		
15	256QAM	36	39	19.35	19.41	19.47		
15	256QAM	75	0	19.36	19.40	19.44		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.45	19.62	19.40	20.2	0
10	QPSK	1	25	19.43	19.47	19.40		
10	QPSK	1	49	19.46	19.44	19.42		
10	QPSK	25	0	19.24	19.40	19.29	20.2	0
10	QPSK	25	12	19.34	19.36	19.30		
10	QPSK	25	25	19.34	19.34	19.29		
10	QPSK	50	0	19.16	19.29	19.08		
10	16QAM	1	0	19.28	19.33	19.29	20.2	0
10	16QAM	1	25	19.33	19.19	19.33		
10	16QAM	1	49	19.20	19.27	19.23		
10	16QAM	25	0	19.36	19.30	19.38	20.2	0
10	16QAM	25	12	19.41	19.27	19.43		
10	16QAM	25	25	19.37	19.41	19.31		
10	16QAM	50	0	19.24	19.47	19.33		
10	64QAM	1	0	19.31	19.39	19.45	20.2	0
10	64QAM	1	25	19.30	19.26	19.42		
10	64QAM	1	49	19.38	19.52	19.35		
10	64QAM	25	0	19.43	19.39	19.27	20.2	0
10	64QAM	25	12	19.39	19.42	19.23		
10	64QAM	25	25	19.37	19.43	19.40		
10	64QAM	50	0	19.44	19.48	19.36		
10	256QAM	1	0	19.32	19.46	19.28	20.2	0
10	256QAM	1	25	19.29	19.47	19.34		
10	256QAM	1	49	19.48	19.47	19.33		
10	256QAM	25	0	19.41	19.42	19.41	20.2	0
10	256QAM	25	12	19.33	19.38	19.38		
10	256QAM	25	25	19.40	19.38	19.41		
10	256QAM	50	0	19.25	19.41	19.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.36	19.52	19.42	20.2	0
5	QPSK	1	12	19.47	19.49	19.44		
5	QPSK	1	24	19.42	19.52	19.33		
5	QPSK	12	0	19.31	19.45	19.36	20.2	0
5	QPSK	12	7	19.29	19.33	19.27		
5	QPSK	12	13	19.23	19.33	19.31		
5	QPSK	25	0	19.12	19.23	19.19		
5	16QAM	1	0	19.22	19.34	19.38	20.2	0
5	16QAM	1	12	19.26	19.32	19.29		
5	16QAM	1	24	19.21	19.28	19.23		
5	16QAM	12	0	19.42	19.27	19.29	20.2	0
5	16QAM	12	7	19.42	19.39	19.49		
5	16QAM	12	13	19.43	19.34	19.35		
5	16QAM	25	0	19.22	19.47	19.44		
5	64QAM	1	0	19.27	19.41	19.46	20.2	0
5	64QAM	1	12	19.32	19.27	19.42		
5	64QAM	1	24	19.32	19.55	19.31		
5	64QAM	12	0	19.33	19.36	19.38	20.2	0
5	64QAM	12	7	19.24	19.32	19.28		
5	64QAM	12	13	19.28	19.39	19.45		
5	64QAM	25	0	19.29	19.35	19.46		
5	256QAM	1	0	19.30	19.48	19.37	20.2	0
5	256QAM	1	12	19.22	19.46	19.36		
5	256QAM	1	24	19.42	19.44	19.45		
5	256QAM	12	0	19.28	19.54	19.35	20.2	0
5	256QAM	12	7	19.18	19.38	19.44		
5	256QAM	12	13	19.30	19.41	19.42		
5	256QAM	25	0	19.26	19.35	19.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.09	20.32	20.23	20.21	21	0
20	QPSK	1	49	20.28	20.31	20.23	20.19		
20	QPSK	1	99	20.07	20.15	20.11	20.15		
20	QPSK	50	0	20.03	20.25	20.06	20.14	21	0
20	QPSK	50	24	20.12	20.05	20.07	20.08		
20	QPSK	50	50	20.07	20.09	20.00	20.06		
20	QPSK	100	0	19.93	20.02	19.91	19.89		
20	16QAM	1	0	20.05	20.09	20.15	20.16	21	0
20	16QAM	1	49	20.06	19.91	19.98	19.99		
20	16QAM	1	99	19.97	19.91	20.08	20.01		
20	16QAM	50	0	20.17	20.05	20.10	20.05	21	0
20	16QAM	50	24	20.16	20.01	20.15	20.21		
20	16QAM	50	50	20.06	20.05	20.14	20.17		
20	16QAM	100	0	20.05	20.25	20.12	20.18		
20	64QAM	1	0	20.05	20.14	20.09	20.23	21	0
20	64QAM	1	49	20.01	20.04	20.20	20.10		
20	64QAM	1	99	20.06	20.23	20.15	20.05		
20	64QAM	50	0	20.09	20.17	20.08	20.04	21	0
20	64QAM	50	24	20.08	20.04	20.11	20.02		
20	64QAM	50	50	20.05	20.13	20.15	20.14		
20	64QAM	100	0	20.04	20.09	20.18	20.11		
20	256QAM	1	0	18.53	18.75	18.65	18.52	19.5	1.5
20	256QAM	1	49	18.45	18.62	18.64	18.63		
20	256QAM	1	99	18.66	18.65	18.55	18.55		
20	256QAM	50	0	18.64	18.62	18.67	18.67	19.5	1.5
20	256QAM	50	24	18.45	18.57	18.64	18.64		
20	256QAM	50	50	18.58	18.68	18.68	18.67		
20	256QAM	100	0	18.49	18.59	18.58	18.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.01	20.27	20.12	20.07	21	0
15	QPSK	1	37	20.09	20.07	20.15	20.15		
15	QPSK	1	74	20.01	20.14	20.05	19.98		
15	QPSK	36	0	19.85	20.04	19.95	19.90	21	0
15	QPSK	36	20	19.89	20.01	20.00	19.97		
15	QPSK	36	39	19.89	20.03	19.93	19.90		
15	QPSK	75	0	19.78	19.87	19.84	19.85		
15	16QAM	1	0	19.91	19.94	19.97	19.87	21	0
15	16QAM	1	37	19.94	19.84	19.88	19.97		
15	16QAM	1	74	19.89	19.93	19.98	19.88		
15	16QAM	36	0	20.07	19.95	19.91	20.05	21	0
15	16QAM	36	20	20.01	19.89	20.07	19.97		
15	16QAM	36	39	20.00	19.98	19.99	20.10		
15	16QAM	75	0	19.85	20.06	20.06	19.87		
15	64QAM	1	0	20.01	19.92	20.02	19.95	21	0
15	64QAM	1	37	19.91	19.95	20.12	19.99		
15	64QAM	1	74	20.05	20.10	19.96	19.96		
15	64QAM	36	0	20.05	19.99	19.96	20.07	21	0
15	64QAM	36	20	19.92	19.96	20.00	19.87		
15	64QAM	36	39	19.85	20.05	20.16	19.86		
15	64QAM	75	0	19.94	20.02	19.99	20.01		
15	256QAM	1	0	18.52	18.64	18.48	18.45	19.5	1.5
15	256QAM	1	37	18.43	18.65	18.56	18.46		
15	256QAM	1	74	18.58	18.50	18.55	18.58		
15	256QAM	36	0	18.46	18.55	18.56	18.45	19.5	1.5
15	256QAM	36	20	18.42	18.54	18.49	18.32		
15	256QAM	36	39	18.38	18.45	18.58	18.45		
15	256QAM	75	0	18.48	18.51	18.54	18.52		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.01	20.23	20.08	20.06	21	0
10	QPSK	1	25	20.11	20.12	20.06	20.08		
10	QPSK	1	49	20.11	20.03	20.10	20.07		
10	QPSK	25	0	19.99	20.06	19.93	19.94	21	0
10	QPSK	25	12	20.01	20.05	19.98	19.94		
10	QPSK	25	25	19.91	20.00	19.93	19.99		
10	QPSK	50	0	19.81	20.02	19.75	19.78		
10	16QAM	1	0	19.90	19.87	19.96	19.89	21	0
10	16QAM	1	25	19.91	19.92	19.94	19.91		
10	16QAM	1	49	19.84	19.94	19.82	19.86		
10	16QAM	25	0	19.95	19.97	19.99	20.06	21	0
10	16QAM	25	12	20.03	20.00	20.01	20.03		
10	16QAM	25	25	19.98	20.03	19.94	19.97		
10	16QAM	50	0	19.83	20.06	20.10	19.97		
10	64QAM	1	0	19.96	19.92	20.08	19.96	21	0
10	64QAM	1	25	19.97	19.90	20.03	20.01		
10	64QAM	1	49	20.04	20.10	20.05	20.06		
10	64QAM	25	0	20.04	20.04	19.90	19.94	21	0
10	64QAM	25	12	19.87	19.93	19.90	20.00		
10	64QAM	25	25	19.88	20.10	19.92	19.92		
10	64QAM	50	0	19.93	19.99	20.06	20.00		
10	256QAM	1	0	18.49	18.62	18.51	18.42	19.5	1.5
10	256QAM	1	25	18.31	18.62	18.42	18.40		
10	256QAM	1	49	18.56	18.54	18.46	18.50		
10	256QAM	25	0	18.42	18.63	18.50	18.53	19.5	1.5
10	256QAM	25	12	18.43	18.48	18.52	18.42		
10	256QAM	25	25	18.40	18.52	18.51	18.40		
10	256QAM	50	0	18.44	18.54	18.60	18.42		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.05	20.21	20.15	20.16	21	0
5	QPSK	1	12	20.08	20.08	20.17	20.05		
5	QPSK	1	24	19.97	20.03	19.99	19.98		
5	QPSK	12	0	19.87	20.18	19.93	19.90	21	0
5	QPSK	12	7	19.93	19.91	19.86	19.90		
5	QPSK	12	13	20.00	19.96	19.97	19.88		
5	QPSK	25	0	19.79	19.93	19.71	19.84		
5	16QAM	1	0	19.82	19.94	20.04	20.04	21	0
5	16QAM	1	12	19.96	19.83	19.97	19.99		
5	16QAM	1	24	19.82	19.89	19.96	19.97		
5	16QAM	12	0	19.97	19.89	19.90	19.99	21	0
5	16QAM	12	7	19.99	20.04	20.14	20.03		
5	16QAM	12	13	19.97	19.95	20.10	19.96		
5	16QAM	25	0	19.91	20.14	20.05	20.08		
5	64QAM	1	0	19.95	19.95	20.03	20.05	21	0
5	64QAM	1	12	19.91	20.04	20.07	20.10		
5	64QAM	1	24	20.04	20.09	19.97	19.99		
5	64QAM	12	0	20.09	20.04	20.01	19.92	21	0
5	64QAM	12	7	19.98	20.07	19.91	19.88		
5	64QAM	12	13	19.86	20.09	20.07	20.06		
5	64QAM	25	0	20.03	19.98	20.03	20.11		
5	256QAM	1	0	18.48	18.53	18.40	18.50	19.5	1.5
5	256QAM	1	12	18.43	18.68	18.51	18.53		
5	256QAM	1	24	18.53	18.45	18.45	18.49		
5	256QAM	12	0	18.51	18.60	18.50	18.55	19.5	1.5
5	256QAM	12	7	18.31	18.59	18.53	18.49		
5	256QAM	12	13	18.39	18.52	18.58	18.57		
5	256QAM	25	0	18.52	18.58	18.55	18.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.73	20.85	20.80		
20	QPSK	1	49	20.81	20.73	20.82	22	0
20	QPSK	1	99	20.77	20.77	20.67		
20	QPSK	50	0	20.64	20.79	20.60		
20	QPSK	50	24	20.54	20.63	20.59	22	0
20	QPSK	50	50	20.64	20.60	20.60		
20	QPSK	100	0	20.44	20.63	20.39		
20	16QAM	1	0	20.50	20.64	20.59		
20	16QAM	1	49	20.47	20.47	20.61	22	0
20	16QAM	1	99	20.58	20.49	20.55		
20	16QAM	50	0	20.72	20.61	20.52		
20	16QAM	50	24	20.63	20.68	20.71	22	0
20	16QAM	50	50	20.74	20.63	20.61		
20	16QAM	100	0	20.56	20.70	20.71		
20	64QAM	1	0	20.58	20.67	20.67		
20	64QAM	1	49	20.55	20.66	20.76	22	0
20	64QAM	1	99	20.71	20.68	20.75		
20	64QAM	50	0	20.63	20.72	20.60		
20	64QAM	50	24	20.58	20.62	20.56	22	0
20	64QAM	50	50	20.58	20.70	20.76		
x`	64QAM	100	0	20.59	20.74	20.67		
20	256QAM	1	0	19.07	19.27	19.05		
20	256QAM	1	49	18.98	19.14	19.02	20.5	1.5
20	256QAM	1	99	18.97	18.95	18.89		
20	256QAM	50	0	19.17	19.18	19.13		
20	256QAM	50	24	19.20	19.11	19.05	20.5	1.5
20	256QAM	50	50	19.13	19.28	19.03		
20	256QAM	100	0	19.20	19.31	19.12		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.61	20.68	20.64		
15	QPSK	1	37	20.67	20.67	20.58	22	0
15	QPSK	1	74	20.55	20.67	20.50		
15	QPSK	36	0	20.49	20.72	20.47		
15	QPSK	36	20	20.43	20.53	20.43	22	0
15	QPSK	36	39	20.45	20.54	20.50		
15	QPSK	75	0	20.41	20.42	20.34		
15	16QAM	1	0	20.47	20.54	20.60		
15	16QAM	1	37	20.39	20.44	20.52	22	0
15	16QAM	1	74	20.44	20.47	20.46		
15	16QAM	36	0	20.51	20.42	20.49		
15	16QAM	36	20	20.55	20.53	20.62	22	0
15	16QAM	36	39	20.59	20.45	20.65		
15	16QAM	75	0	20.48	20.70	20.55		
15	64QAM	1	0	20.59	20.52	20.53		
15	64QAM	1	37	20.52	20.56	20.65	22	0
15	64QAM	1	74	20.57	20.64	20.53		
15	64QAM	36	0	20.59	20.64	20.57		
15	64QAM	36	20	20.52	20.53	20.51	22	0
15	64QAM	36	39	20.49	20.61	20.62		
15	64QAM	75	0	20.57	20.61	20.58		
15	256QAM	1	0	19.01	19.13	18.94		
15	256QAM	1	37	18.90	19.12	18.90	20.5	1.5
15	256QAM	1	74	18.88	18.84	18.83		
15	256QAM	36	0	19.02	19.10	19.10		
15	256QAM	36	20	19.13	19.05	18.88	20.5	1.5
15	256QAM	36	39	19.10	19.21	18.98		
15	256QAM	75	0	19.09	19.26	18.95		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.54	20.71	20.58		
10	QPSK	1	25	20.69	20.74	20.59	22	0
10	QPSK	1	49	20.57	20.64	20.54		
10	QPSK	25	0	20.49	20.61	20.60		
10	QPSK	25	12	20.54	20.50	20.43	22	0
10	QPSK	25	25	20.53	20.57	20.44		
10	QPSK	50	0	20.26	20.48	20.35		
10	16QAM	1	0	20.35	20.44	20.57		
10	16QAM	1	25	20.45	20.38	20.52	22	0
10	16QAM	1	49	20.36	20.35	20.42		
10	16QAM	25	0	20.51	20.50	20.41		
10	16QAM	25	12	20.56	20.49	20.65	22	0
10	16QAM	25	25	20.52	20.45	20.58		
10	16QAM	50	0	20.45	20.65	20.52		
10	64QAM	1	0	20.55	20.50	20.61		
10	64QAM	1	25	20.45	20.50	20.59	22	0
10	64QAM	1	49	20.53	20.73	20.50		
10	64QAM	25	0	20.55	20.61	20.53		
10	64QAM	25	12	20.53	20.56	20.55	22	0
10	64QAM	25	25	20.50	20.59	20.72		
10	64QAM	50	0	20.50	20.55	20.66		
10	256QAM	1	0	19.01	19.17	18.93		
10	256QAM	1	25	18.83	18.98	18.90	20.5	1.5
10	256QAM	1	49	18.93	18.92	18.71		
10	256QAM	25	0	19.13	19.12	18.99		
10	256QAM	25	12	19.04	18.94	18.99	20.5	1.5
10	256QAM	25	25	19.09	19.14	18.86		
10	256QAM	50	0	19.14	19.22	19.08		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.65	20.80	20.64		
5	QPSK	1	12	20.71	20.64	20.61	22	0
5	QPSK	1	24	20.64	20.61	20.63		
5	QPSK	12	0	20.40	20.69	20.55		
5	QPSK	12	7	20.49	20.57	20.43	22	0
5	QPSK	12	13	20.44	20.55	20.47		
5	QPSK	25	0	20.26	20.54	20.31		
5	16QAM	1	0	20.35	20.42	20.50		
5	16QAM	1	12	20.42	20.50	20.53	22	0
5	16QAM	1	24	20.45	20.43	20.53		
5	16QAM	12	0	20.59	20.49	20.46		
5	16QAM	12	7	20.57	20.52	20.61	22	0
5	16QAM	12	13	20.52	20.51	20.60		
5	16QAM	25	0	20.46	20.68	20.64		
5	64QAM	1	0	20.46	20.60	20.53		
5	64QAM	1	12	20.46	20.48	20.54	22	0
5	64QAM	1	24	20.59	20.59	20.63		
5	64QAM	12	0	20.64	20.53	20.55		
5	64QAM	12	7	20.45	20.56	20.51	22	0
5	64QAM	12	13	20.44	20.57	20.69		
5	64QAM	25	0	20.62	20.66	20.61		
5	256QAM	1	0	19.00	19.16	19.03		
5	256QAM	1	12	18.86	18.99	18.84	20.5	1.5
5	256QAM	1	24	18.93	18.80	18.81		
5	256QAM	12	0	19.12	19.15	19.09		
5	256QAM	12	7	19.05	19.07	19.01	20.5	1.5
5	256QAM	12	13	18.99	19.16	18.95		
5	256QAM	25	0	19.16	19.29	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.19	20.33	20.28	20.21		
20	QPSK	1	49	20.16	20.21	20.20	20.15	21.5	0
20	QPSK	1	99	20.10	20.15	20.19	20.09		
20	QPSK	50	0	20.06	20.29	20.07	19.97		
20	QPSK	50	24	20.01	20.15	20.03	20.03	21.5	0
20	QPSK	50	50	20.04	20.03	19.95	20.00		
20	QPSK	100	0	19.95	20.01	19.93	19.85		
20	16QAM	1	0	20.05	20.07	20.17	19.94		
20	16QAM	1	49	19.98	20.01	20.02	20.04	21.5	0
20	16QAM	1	99	19.95	19.93	19.95	19.93		
20	16QAM	50	0	20.14	20.10	20.00	20.08		
20	16QAM	50	24	20.17	19.99	20.10	20.13	21.5	0
20	16QAM	50	50	20.07	20.16	20.12	20.21		
20	16QAM	100	0	20.00	20.25	20.17	20.10		
20	64QAM	1	0	20.14	20.16	20.17	20.13		
20	64QAM	1	49	20.06	19.99	20.08	20.03	21.5	0
20	64QAM	1	99	20.12	20.15	20.11	20.13		
20	64QAM	50	0	20.17	20.09	20.12	20.08		
20	64QAM	50	24	19.97	20.18	20.02	20.01	21	0.5
20	64QAM	50	50	19.95	20.25	20.19	20.00		
20	64QAM	100	0	20.05	20.23	20.19	20.11		
20	256QAM	1	0	17.50	17.74	17.38	17.48		
20	256QAM	1	49	17.51	17.57	17.48	17.51	19	2.5
20	256QAM	1	99	17.36	17.51	17.40	17.39		
20	256QAM	50	0	17.56	17.69	17.63	17.56		
20	256QAM	50	24	17.65	17.56	17.52	17.48	19	2.5
20	256QAM	50	50	17.62	17.71	17.53	17.54		
20	256QAM	100	0	17.70	17.65	17.61	17.61		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.08	20.28	20.07	20.09		
15	QPSK	1	37	20.11	20.20	20.10	20.15	21.5	0
15	QPSK	1	74	20.00	20.13	20.00	20.13		
15	QPSK	36	0	19.88	20.16	20.06	19.97		
15	QPSK	36	20	19.99	20.01	19.86	19.95	21.5	0
15	QPSK	36	39	20.00	19.98	19.85	19.99		
15	QPSK	75	0	19.83	19.96	19.78	19.76		
15	16QAM	1	0	19.87	19.95	20.04	19.91		
15	16QAM	1	37	19.99	19.86	19.93	19.83	21.5	0
15	16QAM	1	74	19.92	19.85	19.94	19.84		
15	16QAM	36	0	20.02	20.00	19.91	19.96		
15	16QAM	36	20	19.95	20.00	20.01	20.04	21.5	0
15	16QAM	36	39	19.96	19.95	20.05	19.97		
15	16QAM	75	0	19.98	20.02	20.09	19.94		
15	64QAM	1	0	20.03	20.01	19.99	19.93		
15	64QAM	1	37	19.99	19.90	20.11	19.95	21.5	0
15	64QAM	1	74	19.94	20.20	20.03	20.00		
15	64QAM	36	0	19.95	20.08	19.99	20.05		
15	64QAM	36	20	19.99	20.00	20.00	19.95	21	0.5
15	64QAM	36	39	19.96	20.11	20.18	19.90		
15	64QAM	75	0	19.99	20.00	20.00	20.00		
15	256QAM	1	0	17.42	17.59	17.35	17.38		
15	256QAM	1	37	17.40	17.54	17.34	17.40	19	2.5
15	256QAM	1	74	17.24	17.36	17.23	17.33		
15	256QAM	36	0	17.48	17.64	17.58	17.51		
15	256QAM	36	20	17.52	17.40	17.40	17.30	19	2.5
15	256QAM	36	39	17.48	17.67	17.41	17.51		
15	256QAM	75	0	17.52	17.49	17.45	17.53		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	20.11	20.28	20.09	20.15		
10	QPSK	1	25	20.12	20.12	20.17	20.08	21.5	0
10	QPSK	1	49	20.02	20.06	20.02	20.03		
10	QPSK	25	0	19.88	20.17	19.99	19.96		
10	QPSK	25	12	20.00	20.01	20.01	19.92	21.5	0
10	QPSK	25	25	19.90	19.93	19.86	19.95		
10	QPSK	50	0	19.77	19.88	19.79	19.83		
10	16QAM	1	0	19.91	20.01	19.98	20.01		
10	16QAM	1	25	19.95	19.89	19.96	19.91	21.5	0
10	16QAM	1	49	19.86	19.85	19.95	19.99		
10	16QAM	25	0	19.92	19.93	20.02	20.01		
10	16QAM	25	12	19.97	20.02	20.12	20.03	21.5	0
10	16QAM	25	25	20.10	20.05	20.08	20.10		
10	16QAM	50	0	19.93	20.18	19.99	20.09		
10	64QAM	1	0	20.01	19.91	20.01	20.14		
10	64QAM	1	25	20.01	19.95	20.02	19.97	21.5	0
10	64QAM	1	49	20.02	20.16	20.08	19.97		
10	64QAM	25	0	20.01	20.11	20.00	19.96		
10	64QAM	25	12	19.98	20.04	19.99	19.90	21	0.5
10	64QAM	25	25	19.98	20.10	20.08	20.09		
10	64QAM	50	0	19.98	20.05	20.14	20.14		
10	256QAM	1	0	17.34	17.56	17.22	17.39		
10	256QAM	1	25	17.37	17.47	17.31	17.46	19	2.5
10	256QAM	1	49	17.27	17.33	17.36	17.27		
10	256QAM	25	0	17.54	17.55	17.60	17.50		
10	256QAM	25	12	17.50	17.39	17.42	17.35	19	2.5
10	256QAM	25	25	17.55	17.65	17.46	17.52		
10	256QAM	50	0	17.54	17.56	17.47	17.53		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.14	20.24	20.09	20.07		
5	QPSK	1	12	20.19	20.21	20.03	20.12	21.5	0
5	QPSK	1	24	20.05	20.01	20.06	20.00		
5	QPSK	12	0	19.90	20.13	19.94	19.90		
5	QPSK	12	7	20.01	20.05	19.92	19.91	21.5	0
5	QPSK	12	13	19.91	20.02	19.95	19.90		
5	QPSK	25	0	19.74	20.00	19.77	19.78		
5	16QAM	1	0	19.95	19.91	20.03	19.99		
5	16QAM	1	12	19.86	19.83	19.98	19.99	21.5	0
5	16QAM	1	24	19.91	19.91	19.84	19.93		
5	16QAM	12	0	19.96	19.91	19.92	19.91		
5	16QAM	12	7	20.08	20.05	20.11	20.04	21.5	0
5	16QAM	12	13	19.96	20.01	20.08	19.95		
5	16QAM	25	0	19.91	20.10	20.06	20.12		
5	64QAM	1	0	19.92	20.01	20.04	20.07		
5	64QAM	1	12	19.97	19.99	20.10	20.11	21.5	0
5	64QAM	1	24	20.07	20.16	19.97	19.99		
5	64QAM	12	0	20.03	20.13	20.06	19.91		
5	64QAM	12	7	19.87	19.96	19.90	20.02	21	0.5
5	64QAM	12	13	19.93	20.12	20.13	20.11		
5	64QAM	25	0	19.95	20.10	20.07	20.03		
5	256QAM	1	0	17.40	17.65	17.23	17.37		
5	256QAM	1	12	17.44	17.42	17.32	17.42	19	2.5
5	256QAM	1	24	17.29	17.40	17.27	17.28		
5	256QAM	12	0	17.41	17.56	17.56	17.50		
5	256QAM	12	7	17.60	17.52	17.45	17.41	19	2.5
5	256QAM	12	13	17.47	17.63	17.37	17.46		
5	256QAM	25	0	17.67	17.55	17.56	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.29	19.33	19.24	20.5	0
20	QPSK	1	49	19.19	19.23	19.12		
20	QPSK	1	99	19.11	19.25	19.05		
20	QPSK	50	0	19.21	19.24	19.19	20.5	0
20	QPSK	50	24	18.98	19.00	19.05		
20	QPSK	50	50	19.07	19.12	18.94		
20	QPSK	100	0	19.04	19.16	18.96		
20	16QAM	1	0	18.98	19.11	19.12	20.5	0
20	16QAM	1	49	19.01	19.03	18.99		
20	16QAM	1	99	18.96	18.99	19.03		
20	16QAM	50	0	19.10	18.96	19.02	20.5	0
20	16QAM	50	24	19.15	19.06	19.15		
20	16QAM	50	50	19.17	19.06	19.04		
20	16QAM	100	0	19.04	19.12	19.15		
20	64QAM	1	0	19.06	19.03	19.10	20.5	0
20	64QAM	1	49	18.98	18.99	19.14		
20	64QAM	1	99	19.07	19.20	19.16		
20	64QAM	50	0	19.05	19.18	19.09	20.5	0
20	64QAM	50	24	18.98	19.14	19.06		
20	64QAM	50	50	18.95	19.17	19.19		
20	64QAM	100	0	19.17	19.16	19.16		
20	256QAM	1	0	18.62	18.62	18.53	20	0.5
20	256QAM	1	49	18.52	18.81	18.61		
20	256QAM	1	99	18.60	18.59	18.60		
20	256QAM	50	0	18.63	18.69	18.62	20	0.5
20	256QAM	50	24	18.53	18.71	18.63		
20	256QAM	50	50	18.54	18.57	18.70		
20	256QAM	100	0	18.51	18.55	18.55		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.96	19.13	19.18	20.5	0
15	QPSK	1	37	19.02	19.17	19.08		
15	QPSK	1	74	18.95	19.08	19.03		
15	QPSK	36	0	18.88	19.10	18.87	20.5	0
15	QPSK	36	20	18.84	18.87	18.97		
15	QPSK	36	39	18.88	18.92	18.73		
15	QPSK	75	0	18.74	18.82	18.79		
15	16QAM	1	0	18.93	19.00	18.96	20.5	0
15	16QAM	1	37	18.86	18.86	18.96		
15	16QAM	1	74	18.91	18.93	18.82		
15	16QAM	36	0	18.99	18.82	18.82	20.5	0
15	16QAM	36	20	18.99	18.92	18.95		
15	16QAM	36	39	19.02	18.85	18.84		
15	16QAM	75	0	18.87	19.07	18.96		
15	64QAM	1	0	18.93	18.84	19.01	20.5	0
15	64QAM	1	37	18.77	18.93	19.01		
15	64QAM	1	74	18.85	19.17	19.09		
15	64QAM	36	0	18.96	19.08	18.90	20.5	0
15	64QAM	36	20	18.91	19.02	18.93		
15	64QAM	36	39	18.78	18.95	19.12		
15	64QAM	75	0	19.00	19.02	19.08		
15	256QAM	1	0	18.58	18.66	18.68	20	0.5
15	256QAM	1	37	18.53	18.65	18.64		
15	256QAM	1	74	18.54	18.66	18.50		
15	256QAM	36	0	18.56	18.60	18.50	20	0.5
15	256QAM	36	20	18.56	18.67	18.50		
15	256QAM	36	39	18.52	18.55	18.57		
15	256QAM	75	0	18.59	18.68	18.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.08	19.17	19.06	20.5	0
10	QPSK	1	25	19.05	19.04	18.91		
10	QPSK	1	49	19.03	19.14	19.01		
10	QPSK	25	0	19.01	19.12	19.06	20.5	0
10	QPSK	25	12	18.96	18.89	18.95		
10	QPSK	25	25	19.01	19.04	18.81		
10	QPSK	50	0	18.79	18.87	18.78		
10	16QAM	1	0	18.82	19.02	18.95	20.5	0
10	16QAM	1	25	18.85	18.87	18.90		
10	16QAM	1	49	18.94	18.92	18.91		
10	16QAM	25	0	18.88	18.81	18.96	20.5	0
10	16QAM	25	12	19.09	19.04	19.05		
10	16QAM	25	25	19.11	18.84	18.94		
10	16QAM	50	0	18.95	18.95	18.93		
10	64QAM	1	0	18.90	18.99	18.92	20.5	0
10	64QAM	1	25	18.81	18.80	19.09		
10	64QAM	1	49	18.87	19.11	19.05		
10	64QAM	25	0	19.02	19.13	19.00	20.5	0
10	64QAM	25	12	18.95	18.98	18.96		
10	64QAM	25	25	18.86	19.05	19.12		
10	64QAM	50	0	19.02	19.00	18.97		
10	256QAM	1	0	18.53	18.54	18.58	20	0.5
10	256QAM	1	25	18.51	18.70	18.56		
10	256QAM	1	49	18.53	18.57	18.58		
10	256QAM	25	0	18.59	18.66	18.64	20	0.5
10	256QAM	25	12	18.57	18.58	18.62		
10	256QAM	25	25	18.53	18.53	18.58		
10	256QAM	50	0	18.56	18.67	18.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.04	19.13	19.22	20.5	0
5	QPSK	1	12	19.12	19.16	18.93		
5	QPSK	1	24	18.91	19.13	18.97		
5	QPSK	12	0	18.91	19.17	18.93	20.5	0
5	QPSK	12	7	18.80	18.96	18.89		
5	QPSK	12	13	19.03	18.98	18.80		
5	QPSK	25	0	18.74	18.95	18.65		
5	16QAM	1	0	18.86	18.90	18.97	20.5	0
5	16QAM	1	12	18.83	18.99	18.90		
5	16QAM	1	24	18.81	18.83	18.89		
5	16QAM	12	0	18.98	18.92	18.96	20.5	0
5	16QAM	12	7	19.00	18.93	19.10		
5	16QAM	12	13	18.96	18.94	19.00		
5	16QAM	25	0	19.01	19.08	18.95		
5	64QAM	1	0	18.88	18.85	19.02	20.5	0
5	64QAM	1	12	18.82	18.90	19.01		
5	64QAM	1	24	19.02	19.14	18.95		
5	64QAM	12	0	18.99	18.97	19.02	20.5	0
5	64QAM	12	7	18.80	18.95	18.91		
5	64QAM	12	13	18.77	18.96	19.03		
5	64QAM	25	0	19.11	18.99	18.98		
5	256QAM	1	0	18.54	18.67	18.66	20	0.5
5	256QAM	1	12	18.56	18.61	18.54		
5	256QAM	1	24	18.60	18.60	18.54		
5	256QAM	12	0	18.55	18.62	18.61	20	0.5
5	256QAM	12	7	18.50	18.53	18.56		
5	256QAM	12	13	18.55	18.63	18.61		
5	256QAM	25	0	18.55	18.61	18.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.24	19.35	19.26	19.22	20.5	0
20	QPSK	1	49	19.26	19.29	19.22	19.23		
20	QPSK	1	99	19.22	19.31	19.20	19.25		
20	QPSK	50	0	19.03	19.24	19.10	19.18	20.5	0
20	QPSK	50	24	19.08	19.09	19.10	19.03		
20	QPSK	50	50	19.06	19.17	19.10	18.98		
20	QPSK	100	0	18.99	19.12	18.85	18.92		
20	16QAM	1	0	18.96	19.10	19.16	19.17	20.5	0
20	16QAM	1	49	19.05	19.00	19.19	19.05		
20	16QAM	1	99	18.96	19.01	19.08	19.12		
20	16QAM	50	0	19.09	19.13	19.07	19.11	20.5	0
20	16QAM	50	24	19.11	19.09	19.21	19.19		
20	16QAM	50	50	19.14	19.18	19.13	19.16		
20	16QAM	100	0	19.01	19.30	19.22	19.17		
20	64QAM	1	0	19.16	19.12	19.26	19.23	20.5	0
20	64QAM	1	49	19.11	19.05	19.13	19.24		
20	64QAM	1	99	19.08	19.19	19.16	19.12		
20	64QAM	50	0	19.19	19.29	19.16	19.08	20.5	0
20	64QAM	50	24	19.13	19.24	19.11	19.06		
20	64QAM	50	50	19.07	19.19	19.29	19.24		
20	64QAM	100	0	19.13	19.20	19.16	19.27		
20	256QAM	1	0	17.07	17.20	16.96	16.97	18.5	2
20	256QAM	1	49	17.00	17.14	17.04	17.07		
20	256QAM	1	99	16.95	16.99	16.95	16.89		
20	256QAM	50	0	17.18	17.18	17.16	17.13	18.5	2
20	256QAM	50	24	17.13	17.15	17.11	17.11		
20	256QAM	50	50	17.12	17.26	17.10	17.00		
20	256QAM	100	0	17.22	17.27	17.11	17.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.04	19.29	19.11	19.16	20.5	0
15	QPSK	1	37	19.20	19.26	19.16	19.17		
15	QPSK	1	74	19.14	19.13	19.13	19.07		
15	QPSK	36	0	19.03	19.15	18.97	19.07	20.5	0
15	QPSK	36	20	18.95	18.97	18.98	19.01		
15	QPSK	36	39	18.93	18.99	19.00	19.01		
15	QPSK	75	0	18.90	19.06	18.77	18.77		
15	16QAM	1	0	18.98	19.00	19.09	19.08	20.5	0
15	16QAM	1	37	18.98	18.94	18.98	19.03		
15	16QAM	1	74	18.96	18.97	19.02	19.01		
15	16QAM	36	0	19.03	19.04	19.06	19.03	20.5	0
15	16QAM	36	20	19.09	19.10	19.08	19.18		
15	16QAM	36	39	19.10	18.98	19.10	19.08		
15	16QAM	75	0	18.97	19.15	19.07	19.13		
15	64QAM	1	0	19.02	19.07	19.11	19.06	20.5	0
15	64QAM	1	37	19.03	18.96	19.14	19.03		
15	64QAM	1	74	18.98	19.15	19.01	19.14		
15	64QAM	36	0	19.14	19.16	19.05	19.02	20.5	0
15	64QAM	36	20	19.05	19.11	18.94	19.02		
15	64QAM	36	39	18.92	19.19	19.11	19.13		
15	64QAM	75	0	19.03	19.14	19.14	19.11		
15	256QAM	1	0	16.96	17.17	16.85	16.83	18.5	2
15	256QAM	1	37	16.97	16.99	16.96	17.01		
15	256QAM	1	74	16.80	16.91	16.89	16.72		
15	256QAM	36	0	17.07	17.09	17.04	17.05	18.5	2
15	256QAM	36	20	17.05	17.06	17.09	16.97		
15	256QAM	36	39	16.98	17.08	17.06	16.89		
15	256QAM	75	0	17.20	17.20	16.96	17.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552	3607.5	3642.5	3695		
10	QPSK	1	0	19.12	19.25	19.22	19.24	20.5	0
10	QPSK	1	25	19.09	19.21	19.09	19.13		
10	QPSK	1	49	19.04	19.10	19.05	19.06		
10	QPSK	25	0	19.06	19.09	19.07	19.04	20.5	0
10	QPSK	25	12	19.04	19.05	18.94	19.05		
10	QPSK	25	25	18.92	19.05	18.96	18.91		
10	QPSK	50	0	18.76	18.94	18.84	18.89		
10	16QAM	1	0	18.89	19.06	19.03	19.10	20.5	0
10	16QAM	1	25	19.03	18.92	19.03	19.05		
10	16QAM	1	49	18.93	18.87	18.89	18.88		
10	16QAM	25	0	19.05	18.94	18.94	18.95	20.5	0
10	16QAM	25	12	19.02	18.96	19.11	19.09		
10	16QAM	25	25	19.10	18.97	19.12	19.07		
10	16QAM	50	0	18.90	19.21	19.06	19.15		
10	64QAM	1	0	19.08	18.97	19.16	19.11	20.5	0
10	64QAM	1	25	19.06	19.00	19.14	19.06		
10	64QAM	1	49	19.03	19.23	19.04	19.02		
10	64QAM	25	0	19.11	19.04	18.99	19.05	20.5	0
10	64QAM	25	12	19.06	19.10	18.94	19.01		
10	64QAM	25	25	19.05	19.18	19.12	19.14		
10	64QAM	50	0	19.07	19.14	19.17	19.05		
10	256QAM	1	0	16.98	17.10	16.82	16.91	18.5	2
10	256QAM	1	25	16.88	16.99	16.88	16.94		
10	256QAM	1	49	16.77	16.95	16.78	16.80		
10	256QAM	25	0	17.10	17.13	16.98	17.10	18.5	2
10	256QAM	25	12	17.03	17.08	17.03	17.04		
10	256QAM	25	25	16.99	17.12	17.06	16.97		
10	256QAM	50	0	17.10	17.21	16.96	17.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.5	3607	3643	3697.5		
5	QPSK	1	0	19.18	19.33	19.12	19.24	20.5	0
5	QPSK	1	12	19.17	19.20	19.13	19.13		
5	QPSK	1	24	19.16	19.06	19.17	19.06		
5	QPSK	12	0	18.91	19.12	19.00	19.04	20.5	0
5	QPSK	12	7	18.98	18.98	19.02	19.05		
5	QPSK	12	13	18.93	18.96	19.03	18.91		
5	QPSK	25	0	18.77	19.06	18.80	18.89		
5	16QAM	1	0	18.94	18.94	18.86	19.10	20.5	0
5	16QAM	1	12	18.92	18.99	18.94	19.05		
5	16QAM	1	24	18.85	18.84	18.99	18.88		
5	16QAM	12	0	18.99	19.04	18.98	18.95	20.5	0
5	16QAM	12	7	19.11	19.07	19.06	19.09		
5	16QAM	12	13	19.03	19.08	19.02	19.07		
5	16QAM	25	0	19.03	19.15	19.03	19.15		
5	64QAM	1	0	19.07	19.01	18.96	19.11	20.5	0
5	64QAM	1	12	19.00	18.96	18.95	19.06		
5	64QAM	1	24	19.03	19.23	19.07	19.02		
5	64QAM	12	0	19.06	19.07	19.09	19.05	20.5	0
5	64QAM	12	7	19.03	19.12	19.02	19.01		
5	64QAM	12	13	19.06	19.21	18.94	19.14		
5	64QAM	25	0	18.98	19.03	19.01	19.05		
5	256QAM	1	0	16.89	17.02	16.79	16.91	18.5	2
5	256QAM	1	12	16.90	17.10	16.90	16.95		
5	256QAM	1	24	16.88	16.93	16.80	16.76		
5	256QAM	12	0	17.07	17.15	17.07	16.97	18.5	2
5	256QAM	12	7	16.97	17.11	16.94	17.03		
5	256QAM	12	13	16.98	17.15	17.00	16.86		
5	256QAM	25	0	17.15	17.19	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.95	16.17	16.04	17.5	0
20	QPSK	1	49	16.02	16.06	16.03		
20	QPSK	1	99	16.02	16.12	16.02		
20	QPSK	50	0	15.87	16.03	15.93	17.5	0
20	QPSK	50	24	15.91	15.98	15.84		
20	QPSK	50	50	15.88	15.94	15.92		
20	QPSK	100	0	15.78	15.98	15.67		
20	16QAM	1	0	15.82	15.85	15.94	17.5	0
20	16QAM	1	49	15.84	15.86	15.99		
20	16QAM	1	99	15.80	15.84	15.89		
20	16QAM	50	0	15.91	15.92	15.91	17.5	0
20	16QAM	50	24	16.00	15.98	16.10		
20	16QAM	50	50	16.08	15.97	16.05		
20	16QAM	100	0	15.83	16.00	15.95		
20	64QAM	1	0	15.90	15.96	15.95	17.5	0
20	64QAM	1	49	15.96	15.97	15.97		
20	64QAM	1	99	15.96	16.02	15.94		
20	64QAM	50	0	15.97	16.08	15.98	17.5	0
20	64QAM	50	24	15.89	15.91	15.96		
20	64QAM	50	50	15.82	16.00	16.15		
20	64QAM	100	0	15.95	15.94	16.08		
20	256QAM	1	0	15.99	16.10	15.88	17.5	0
20	256QAM	1	49	15.90	16.09	15.97		
20	256QAM	1	99	16.00	15.96	16.04		
20	256QAM	50	0	15.94	16.08	15.98	17.5	0
20	256QAM	50	24	15.90	16.00	15.99		
20	256QAM	50	50	15.96	15.94	15.97		
20	256QAM	100	0	16.00	16.01	16.03		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	15.88	16.06	16.03	17.5	0
15	QPSK	1	37	16.01	16.02	15.90		
15	QPSK	1	74	15.87	15.88	15.82		
15	QPSK	36	0	15.78	16.02	15.88	17.5	0
15	QPSK	36	20	15.89	15.76	15.76		
15	QPSK	36	39	15.73	15.78	15.81		
15	QPSK	75	0	15.65	15.74	15.71		
15	16QAM	1	0	15.77	15.87	15.93	17.5	0
15	16QAM	1	37	15.71	15.80	15.78		
15	16QAM	1	74	15.67	15.77	15.75		
15	16QAM	36	0	15.82	15.82	15.84	17.5	0
15	16QAM	36	20	15.93	15.88	15.95		
15	16QAM	36	39	15.88	15.91	15.97		
15	16QAM	75	0	15.77	16.04	15.90		
15	64QAM	1	0	15.77	15.77	15.87	17.5	0
15	64QAM	1	37	15.88	15.78	15.95		
15	64QAM	1	74	15.84	16.06	15.86		
15	64QAM	36	0	15.95	15.87	15.88	17.5	0
15	64QAM	36	20	15.84	15.87	15.85		
15	64QAM	36	39	15.74	15.90	15.98		
15	64QAM	75	0	15.83	15.83	15.93		
15	256QAM	1	0	15.90	15.95	15.78	17.5	0
15	256QAM	1	37	15.82	15.96	15.93		
15	256QAM	1	74	15.94	15.84	15.92		
15	256QAM	36	0	15.91	16.01	15.83	17.5	0
15	256QAM	36	20	15.74	15.90	15.92		
15	256QAM	36	39	15.81	15.90	15.89		
15	256QAM	75	0	15.76	15.90	15.96		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	15.88	16.10	15.95	17.5	0
10	QPSK	1	25	15.92	15.97	15.96		
10	QPSK	1	49	15.85	15.90	15.88		
10	QPSK	25	0	15.75	15.99	15.88	17.5	0
10	QPSK	25	12	15.89	15.90	15.78		
10	QPSK	25	25	15.84	15.79	15.71		
10	QPSK	50	0	15.63	15.75	15.68		
10	16QAM	1	0	15.69	15.88	15.87	17.5	0
10	16QAM	1	25	15.73	15.80	15.83		
10	16QAM	1	49	15.69	15.67	15.80		
10	16QAM	25	0	15.85	15.87	15.82	17.5	0
10	16QAM	25	12	15.88	15.76	15.87		
10	16QAM	25	25	15.91	15.87	15.95		
10	16QAM	50	0	15.72	15.90	15.94		
10	64QAM	1	0	15.89	15.84	15.90	17.5	0
10	64QAM	1	25	15.85	15.82	15.91		
10	64QAM	1	49	15.80	16.02	15.82		
10	64QAM	25	0	15.83	15.92	15.83	17.5	0
10	64QAM	25	12	15.83	15.82	15.84		
10	64QAM	25	25	15.86	15.99	15.92		
10	64QAM	50	0	15.82	15.90	15.92		
10	256QAM	1	0	15.89	16.02	15.88	17.5	0
10	256QAM	1	25	15.81	16.05	15.87		
10	256QAM	1	49	15.92	15.92	15.91		
10	256QAM	25	0	15.80	15.91	15.90	17.5	0
10	256QAM	25	12	15.80	15.93	15.84		
10	256QAM	25	25	15.79	15.81	15.99		
10	256QAM	50	0	15.74	15.84	15.93		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	15.89	16.07	16.04	17.5	0
5	QPSK	1	12	15.96	15.95	15.99		
5	QPSK	1	24	15.87	15.90	15.95		
5	QPSK	12	0	15.76	15.96	15.79	17.5	0
5	QPSK	12	7	15.79	15.85	15.78		
5	QPSK	12	13	15.80	15.77	15.73		
5	QPSK	25	0	15.64	15.82	15.70		
5	16QAM	1	0	15.72	15.80	15.80	17.5	0
5	16QAM	1	12	15.69	15.79	15.83		
5	16QAM	1	24	15.68	15.76	15.80		
5	16QAM	12	0	15.83	15.79	15.81	17.5	0
5	16QAM	12	7	15.90	15.76	15.90		
5	16QAM	12	13	15.94	15.79	15.87		
5	16QAM	25	0	15.83	15.96	15.92		
5	64QAM	1	0	15.78	15.88	15.88	17.5	0
5	64QAM	1	12	15.78	15.82	15.90		
5	64QAM	1	24	15.79	15.93	15.85		
5	64QAM	12	0	15.88	15.84	15.91	17.5	0
5	64QAM	12	7	15.79	15.91	15.78		
5	64QAM	12	13	15.75	16.00	15.95		
5	64QAM	25	0	15.95	15.96	15.90		
5	256QAM	1	0	15.89	15.96	15.83	17.5	0
5	256QAM	1	12	15.79	16.02	15.86		
5	256QAM	1	24	15.89	15.95	15.84		
5	256QAM	12	0	15.89	16.02	15.87	17.5	0
5	256QAM	12	7	15.68	15.87	15.96		
5	256QAM	12	13	15.79	15.87	15.89		
5	256QAM	25	0	15.81	15.82	15.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.69	14.82	14.70	14.74	16	0
20	QPSK	1	49	14.70	14.73	14.67	14.66		
20	QPSK	1	99	14.65	14.71	14.67	14.55		
20	QPSK	50	0	14.50	14.71	14.53	14.63	16	0
20	QPSK	50	24	14.58	14.48	14.48	14.48		
20	QPSK	50	50	14.53	14.61	14.52	14.51		
20	QPSK	100	0	14.39	14.55	14.35	14.38		
20	16QAM	1	0	14.47	14.52	14.54	14.54	16	0
20	16QAM	1	49	14.50	14.53	14.48	14.57		
20	16QAM	1	99	14.44	14.38	14.42	14.43		
20	16QAM	50	0	14.60	14.54	14.52	14.49	16	0
20	16QAM	50	24	14.58	14.58	14.66	14.58		
20	16QAM	50	50	14.55	14.55	14.68	14.63		
20	16QAM	100	0	14.56	14.72	14.68	14.65		
20	64QAM	1	0	14.55	14.49	14.69	14.64	16	0
20	64QAM	1	49	14.53	14.53	14.65	14.57		
20	64QAM	1	99	14.60	14.62	14.54	14.58		
20	64QAM	50	0	14.54	14.68	14.55	14.62	16	0
20	64QAM	50	24	14.55	14.66	14.54	14.58		
20	64QAM	50	50	14.47	14.70	14.66	14.74		
20	64QAM	100	0	14.53	14.65	14.64	14.69		
20	256QAM	1	0	14.58	14.75	14.59	14.56	16	0
20	256QAM	1	49	14.44	14.77	14.60	14.51		
20	256QAM	1	99	14.59	14.56	14.54	14.59		
20	256QAM	50	0	14.50	14.61	14.53	14.62	16	0
20	256QAM	50	24	14.49	14.67	14.58	14.61		
20	256QAM	50	50	14.48	14.63	14.58	14.62		
20	256QAM	100	0	14.58	14.62	14.67	14.64		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	14.58	14.65	14.61	14.52	16	0
15	QPSK	1	37	14.63	14.56	14.58	14.53		
15	QPSK	1	74	14.49	14.59	14.47	14.46		
15	QPSK	36	0	14.40	14.52	14.42	14.52	16	0
15	QPSK	36	20	14.36	14.41	14.42	14.42		
15	QPSK	36	39	14.47	14.45	14.40	14.45		
15	QPSK	75	0	14.21	14.43	14.24	14.28		
15	16QAM	1	0	14.35	14.42	14.37	14.42	16	0
15	16QAM	1	37	14.38	14.32	14.43	14.49		
15	16QAM	1	74	14.40	14.36	14.35	14.34		
15	16QAM	36	0	14.40	14.48	14.44	14.47	16	0
15	16QAM	36	20	14.51	14.51	14.48	14.58		
15	16QAM	36	39	14.52	14.43	14.51	14.58		
15	16QAM	75	0	14.42	14.51	14.34	14.57		
15	64QAM	1	0	14.52	14.38	14.39	14.51	16	0
15	64QAM	1	37	14.50	14.43	14.47	14.57		
15	64QAM	1	74	14.51	14.61	14.46	14.45		
15	64QAM	36	0	14.57	14.59	14.50	14.39	16	0
15	64QAM	36	20	14.45	14.56	14.45	14.41		
15	64QAM	36	39	14.33	14.63	14.35	14.53		
15	64QAM	75	0	14.54	14.50	14.50	14.60		
15	256QAM	1	0	14.43	14.60	14.45	14.45	16	0
15	256QAM	1	37	14.40	14.65	14.44	14.48		
15	256QAM	1	74	14.52	14.44	14.52	14.44		
15	256QAM	36	0	14.52	14.55	14.40	14.46	16	0
15	256QAM	36	20	14.40	14.56	14.43	14.53		
15	256QAM	36	39	14.48	14.42	14.48	14.58		
15	256QAM	75	0	14.44	14.44	14.50	14.45		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	14.57	14.63	14.51	14.58	16	0
10	QPSK	1	25	14.56	14.59	14.52	14.52		
10	QPSK	1	49	14.59	14.54	14.44	14.46		
10	QPSK	25	0	14.44	14.52	14.40	14.43	16	0
10	QPSK	25	12	14.46	14.41	14.38	14.33		
10	QPSK	25	25	14.36	14.50	14.30	14.41		
10	QPSK	50	0	14.33	14.40	14.23	14.24		
10	16QAM	1	0	14.31	14.37	14.52	14.54	16	0
10	16QAM	1	25	14.38	14.35	14.36	14.43		
10	16QAM	1	49	14.31	14.31	14.34	14.32		
10	16QAM	25	0	14.54	14.37	14.42	14.47	16	0
10	16QAM	25	12	14.55	14.37	14.53	14.50		
10	16QAM	25	25	14.54	14.37	14.46	14.45		
10	16QAM	50	0	14.37	14.58	14.50	14.45		
10	64QAM	1	0	14.44	14.39	14.56	14.45	16	0
10	64QAM	1	25	14.35	14.41	14.48	14.60		
10	64QAM	1	49	14.48	14.57	14.45	14.49		
10	64QAM	25	0	14.57	14.56	14.53	14.47	16	0
10	64QAM	25	12	14.36	14.50	14.47	14.43		
10	64QAM	25	25	14.43	14.63	14.55	14.58		
10	64QAM	50	0	14.51	14.53	14.53	14.53		
10	256QAM	1	0	14.44	14.58	14.49	14.44	16	0
10	256QAM	1	25	14.40	14.69	14.50	14.45		
10	256QAM	1	49	14.56	14.47	14.41	14.52		
10	256QAM	25	0	14.44	14.53	14.57	14.53	16	0
10	256QAM	25	12	14.31	14.55	14.42	14.43		
10	256QAM	25	25	14.40	14.45	14.45	14.54		
10	256QAM	50	0	14.41	14.58	14.53	14.42		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	14.55	14.62	14.58	14.50	16	0
5	QPSK	1	12	14.62	14.58	14.56	14.53		
5	QPSK	1	24	14.49	14.61	14.58	14.60		
5	QPSK	12	0	14.35	14.64	14.48	14.32	16	0
5	QPSK	12	7	14.36	14.44	14.40	14.38		
5	QPSK	12	13	14.46	14.44	14.35	14.47		
5	QPSK	25	0	14.21	14.49	14.27	14.26		
5	16QAM	1	0	14.41	14.42	14.49	14.29	16	0
5	16QAM	1	12	14.38	14.36	14.48	14.41		
5	16QAM	1	24	14.34	14.35	14.31	14.39		
5	16QAM	12	0	14.39	14.42	14.47	14.47	16	0
5	16QAM	12	7	14.50	14.51	14.49	14.44		
5	16QAM	12	13	14.43	14.43	14.46	14.54		
5	16QAM	25	0	14.35	14.51	14.45	14.41		
5	64QAM	1	0	14.49	14.41	14.50	14.38	16	0
5	64QAM	1	12	14.46	14.38	14.51	14.38		
5	64QAM	1	24	14.42	14.67	14.49	14.47		
5	64QAM	12	0	14.47	14.48	14.41	14.52	16	0
5	64QAM	12	7	14.43	14.51	14.38	14.43		
5	64QAM	12	13	14.46	14.54	14.55	14.37		
5	64QAM	25	0	14.54	14.54	14.61	14.44		
5	256QAM	1	0	14.38	14.65	14.51	14.38	16	0
5	256QAM	1	12	14.37	14.70	14.43	14.32		
5	256QAM	1	24	14.60	14.46	14.48	14.56		
5	256QAM	12	0	14.49	14.63	14.47	14.41	16	0
5	256QAM	12	7	14.31	14.50	14.57	14.33		
5	256QAM	12	13	14.39	14.54	14.49	14.50		
5	256QAM	25	0	14.48	14.45	14.43	14.47		

Reduced Power Mode for Main PA ECI 4

GSM850 ECI4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.75	32.85	34.00	23.79	23.75	23.85	25.00
GPRS 1 Tx slot	32.85	32.88	32.89	34.00	23.85	23.88	23.89	25.00
GPRS 2 Tx slots	29.95	30.02	30.01	31.00	23.95	24.02	24.01	25.00
GPRS 3 Tx slots	28.15	28.27	28.25	29.20	23.89	24.01	23.99	24.94
GPRS 4 Tx slots	26.63	26.84	26.83	28.00	23.63	23.84	23.83	25.00
EDGE 1 Tx slot	26.66	26.72	26.61	28.00	17.66	17.72	17.61	19.00
EDGE 2 Tx slots	23.67	23.78	23.71	25.00	17.67	17.78	17.71	19.00
EDGE 3 Tx slots	21.28	21.56	21.26	23.20	17.02	17.30	17.00	18.94
EDGE 4 Tx slots	20.35	20.55	20.27	22.00	17.35	17.55	17.27	19.00

WCDMA V ECI4

Band									WCDMA V			Tune-up Limit (dBm)
TX Channel									4132	4182	4233	
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.06	24.15	24.15	25.00
3GPP Rel 99	RMC 12.2Kbps								24.12	24.26	24.12	25.00
3GPP Rel 6	HSDPA Subtest-1								23.15	23.27	23.27	24.00
3GPP Rel 6	HSDPA Subtest-2								23.18	23.15	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3								22.65	22.70	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4								22.64	22.70	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-1								23.12	23.22	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2								23.09	23.10	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3								22.50	22.77	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4								22.46	22.63	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1								23.00	23.08	23.14	24.00
3GPP Rel 6	HSUPA Subtest-2								21.19	21.17	21.18	22.00
3GPP Rel 6	HSUPA Subtest-3								22.27	22.35	22.26	23.00
3GPP Rel 6	HSUPA Subtest-4								21.10	21.16	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5								23.00	23.22	23.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.68	20.82	20.74	21.50

Band 5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.04	25.10	24.88		
10	QPSK	1	25	24.91	24.96	24.92	25.7	0
10	QPSK	1	49	24.89	24.89	24.90		
10	QPSK	25	0	24.18	24.24	24.19		
10	QPSK	25	12	23.99	24.16	24.03	24.7	1
10	QPSK	25	25	24.05	24.12	24.08		
10	QPSK	50	0	23.91	23.94	23.90		
10	16QAM	1	0	23.87	23.87	23.85		
10	16QAM	1	25	23.69	23.64	23.74	24.7	1
10	16QAM	1	49	23.75	23.92	23.73		
10	16QAM	25	0	22.86	22.89	22.99		
10	16QAM	25	12	22.82	22.81	22.90	23.7	2
10	16QAM	25	25	22.87	22.92	22.91		
10	16QAM	50	0	22.95	23.26	23.09		
10	64QAM	1	0	22.82	22.96	22.82		
10	64QAM	1	25	22.76	22.86	22.75	23.7	2
10	64QAM	1	49	22.67	22.99	22.68		
10	64QAM	25	0	21.82	22.12	22.05		
10	64QAM	25	12	21.83	22.04	21.89	22.7	3
10	64QAM	25	25	21.83	21.93	21.85		
10	64QAM	50	0	21.99	22.10	22.13		
10	256QAM	1	0	19.81	20.04	19.74		
10	256QAM	1	25	19.81	19.92	19.61	20.7	5
10	256QAM	1	49	19.79	19.74	19.71		
10	256QAM	25	0	20.02	19.92	19.93		
10	256QAM	25	12	19.93	19.99	19.81	20.7	5
10	256QAM	25	25	19.72	20.02	19.88		
10	256QAM	50	0	20.04	19.99	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.94	24.94	24.81		
5	QPSK	1	12	24.88	24.88	24.82	25.7	0
5	QPSK	1	24	24.78	24.85	24.77		
5	QPSK	12	0	24.01	24.17	24.05		
5	QPSK	12	7	23.89	24.05	23.90	24.7	1
5	QPSK	12	13	23.89	23.96	23.98		
5	QPSK	25	0	23.86	23.91	23.73		
5	16QAM	1	0	23.69	23.71	23.83		
5	16QAM	1	12	23.54	23.54	23.61	24.7	1
5	16QAM	1	24	23.68	23.81	23.57		
5	16QAM	12	0	22.82	22.79	22.86		
5	16QAM	12	7	22.67	22.75	22.79	23.7	2
5	16QAM	12	13	22.85	22.87	22.83		
5	16QAM	25	0	22.81	23.19	23.07		
5	64QAM	1	0	22.78	22.87	22.68		
5	64QAM	1	12	22.61	22.82	22.71	23.7	2
5	64QAM	1	24	22.64	22.95	22.60		
5	64QAM	12	0	21.76	22.00	21.93		
5	64QAM	12	7	21.76	21.93	21.79	22.7	3
5	64QAM	12	13	21.70	21.78	21.76		
5	64QAM	25	0	21.86	21.99	22.00		
5	256QAM	1	0	19.67	19.89	19.61		
5	256QAM	1	12	19.71	19.79	19.56	20.7	5
5	256QAM	1	24	19.62	19.58	19.69		
5	256QAM	12	0	19.93	19.88	19.83		
5	256QAM	12	7	19.90	19.90	19.70	20.7	5
5	256QAM	12	13	19.67	19.89	19.71		
5	256QAM	25	0	19.87	19.93	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.93	25.06	24.85		
3	QPSK	1	8	24.85	24.94	24.84	25.7	0
3	QPSK	1	14	24.73	24.73	24.81		
3	QPSK	8	0	24.07	24.07	24.09		
3	QPSK	8	4	23.92	23.98	23.94	24.7	1
3	QPSK	8	7	23.91	24.03	23.97		
3	QPSK	15	0	23.76	23.79	23.76		
3	16QAM	1	0	23.78	23.78	23.70		
3	16QAM	1	8	23.56	23.60	23.57	24.7	1
3	16QAM	1	14	23.66	23.76	23.62		
3	16QAM	8	0	22.80	22.73	22.91		
3	16QAM	8	4	22.64	22.71	22.84	23.7	2
3	16QAM	8	7	22.72	22.81	22.85		
3	16QAM	15	0	22.90	23.09	22.95		
3	64QAM	1	0	22.77	22.90	22.80		
3	64QAM	1	8	22.73	22.76	22.71	23.7	2
3	64QAM	1	14	22.63	22.86	22.54		
3	64QAM	8	0	21.75	22.03	22.02		
3	64QAM	8	4	21.76	21.87	21.82	22.7	3
3	64QAM	8	7	21.71	21.79	21.79		
3	64QAM	15	0	21.94	21.92	22.10		
3	256QAM	1	0	19.63	19.98	19.57		
3	256QAM	1	8	19.71	19.77	19.52	20.7	5
3	256QAM	1	14	19.64	19.66	19.66		
3	256QAM	8	0	19.98	19.87	19.88		
3	256QAM	8	4	19.88	19.89	19.71	20.7	5
3	256QAM	8	7	19.55	19.93	19.79		
3	256QAM	15	0	20.00	19.96	19.78		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.89	25.00	24.82		
1.4	QPSK	1	3	24.75	24.78	24.81		
1.4	QPSK	1	5	24.84	24.83	24.78	25.7	0
1.4	QPSK	3	0	24.98	24.98	24.75		
1.4	QPSK	3	1	24.88	24.78	24.78		
1.4	QPSK	3	3	24.76	24.85	24.79		
1.4	QPSK	6	0	24.15	24.19	24.05	24.7	1
1.4	16QAM	1	0	23.91	24.09	23.92		
1.4	16QAM	1	3	23.96	24.00	23.97		
1.4	16QAM	1	5	23.81	23.90	23.77	24.7	1
1.4	16QAM	3	0	23.73	23.80	23.74		
1.4	16QAM	3	1	23.54	23.46	23.58		
1.4	16QAM	3	3	23.62	23.76	23.60		
1.4	16QAM	6	0	22.75	22.77	22.84	23.7	2
1.4	64QAM	1	0	22.68	22.73	22.80		
1.4	64QAM	1	3	22.80	22.88	22.87		
1.4	64QAM	1	5	22.77	23.10	22.93	23.7	2
1.4	64QAM	3	0	22.74	22.92	22.70		
1.4	64QAM	3	1	22.65	22.79	22.70		
1.4	64QAM	3	3	22.58	22.86	22.59		
1.4	64QAM	6	0	21.76	22.03	21.88	22.7	3
1.4	256QAM	1	0	19.73	19.92	19.61		
1.4	256QAM	1	3	19.66	19.86	19.46		
1.4	256QAM	1	5	19.64	19.69	19.58	20.7	5
1.4	256QAM	3	0	19.86	19.90	19.82		
1.4	256QAM	3	1	19.80	19.96	19.68		
1.4	256QAM	3	3	19.57	19.86	19.84		
1.4	256QAM	6	0	19.95	19.82	19.90	20.7	5

Band 12 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.58	24.61	24.46		
10	QPSK	1	25	24.54	24.55	24.56	25.5	0
10	QPSK	1	49	24.52	24.49	24.45		
10	QPSK	25	0	23.66	23.86	23.67		
10	QPSK	25	12	23.57	23.62	23.64	24.5	1
10	QPSK	25	25	23.62	23.66	23.59		
10	QPSK	50	0	23.44	23.45	23.39		
10	16QAM	1	0	23.34	23.45	23.31		
10	16QAM	1	25	23.23	23.20	23.30	24.5	1
10	16QAM	1	49	23.25	23.37	23.28		
10	16QAM	25	0	22.44	22.49	22.44		
10	16QAM	25	12	22.35	22.40	22.41	23.5	2
10	16QAM	25	25	22.35	22.54	22.45		
10	16QAM	50	0	22.56	22.77	22.69		
10	64QAM	1	0	22.29	22.50	22.33		
10	64QAM	1	25	22.32	22.50	22.37	23.5	2
10	64QAM	1	49	22.17	22.60	22.24		
10	64QAM	25	0	21.41	21.62	21.68		
10	64QAM	25	12	21.40	21.53	21.48	22.5	3
10	64QAM	25	25	21.47	21.56	21.49		
10	64QAM	50	0	21.47	21.68	21.57		
10	256QAM	1	0	19.47	19.53	19.33		
10	256QAM	1	25	19.40	19.48	19.13	20.5	5
10	256QAM	1	49	19.33	19.39	19.29		
10	256QAM	25	0	19.48	19.48	19.50		
10	256QAM	25	12	19.52	19.51	19.40	20.5	5
10	256QAM	25	25	19.22	19.57	19.32		
10	256QAM	50	0	19.50	19.63	19.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.59	24.35		
5	QPSK	1	12	24.51	24.53	24.48	25.5	0
5	QPSK	1	24	24.45	24.31	24.37		
5	QPSK	12	0	23.63	23.79	23.62		
5	QPSK	12	7	23.46	23.60	23.52	24.5	1
5	QPSK	12	13	23.49	23.62	23.41		
5	QPSK	25	0	23.39	23.35	23.23		
5	16QAM	1	0	23.27	23.42	23.22		
5	16QAM	1	12	23.13	23.05	23.18	24.5	1
5	16QAM	1	24	23.16	23.21	23.23		
5	16QAM	12	0	22.33	22.34	22.35		
5	16QAM	12	7	22.32	22.22	22.26	23.5	2
5	16QAM	12	13	22.19	22.38	22.31		
5	16QAM	25	0	22.42	22.71	22.62		
5	64QAM	1	0	22.12	22.41	22.30		
5	64QAM	1	12	22.25	22.44	22.33	23.5	2
5	64QAM	1	24	22.07	22.44	22.11		
5	64QAM	12	0	21.37	21.58	21.57		
5	64QAM	12	7	21.29	21.48	21.38	22.5	3
5	64QAM	12	13	21.43	21.50	21.45		
5	64QAM	25	0	21.44	21.65	21.46		
5	256QAM	1	0	19.40	19.37	19.24		
5	256QAM	1	12	19.24	19.44	19.01	20.5	5
5	256QAM	1	24	19.24	19.30	19.12		
5	256QAM	12	0	19.36	19.34	19.47		
5	256QAM	12	7	19.47	19.44	19.34	20.5	5
5	256QAM	12	13	19.18	19.41	19.16		
5	256QAM	25	0	19.36	19.55	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.50	24.36		
3	QPSK	1	8	24.49	24.48	24.44	25.5	0
3	QPSK	1	14	24.49	24.31	24.41		
3	QPSK	8	0	23.48	23.71	23.51		
3	QPSK	8	4	23.42	23.48	23.54	24.5	1
3	QPSK	8	7	23.55	23.62	23.52		
3	QPSK	15	0	23.31	23.37	23.30		
3	16QAM	1	0	23.29	23.38	23.16		
3	16QAM	1	8	23.14	23.13	23.13	24.5	1
3	16QAM	1	14	23.23	23.24	23.22		
3	16QAM	8	0	22.39	22.36	22.34		
3	16QAM	8	4	22.31	22.36	22.27	23.5	2
3	16QAM	8	7	22.22	22.42	22.38		
3	16QAM	15	0	22.43	22.63	22.66		
3	64QAM	1	0	22.23	22.40	22.19		
3	64QAM	1	8	22.20	22.40	22.25	23.5	2
3	64QAM	1	14	22.14	22.50	22.19		
3	64QAM	8	0	21.31	21.53	21.61		
3	64QAM	8	4	21.25	21.47	21.32	22.5	3
3	64QAM	8	7	21.32	21.42	21.44		
3	64QAM	15	0	21.40	21.61	21.50		
3	256QAM	1	0	19.41	19.38	19.22		
3	256QAM	1	8	19.36	19.42	19.10	20.5	5
3	256QAM	1	14	19.26	19.21	19.25		
3	256QAM	8	0	19.32	19.34	19.44		
3	256QAM	8	4	19.49	19.37	19.30	20.5	5
3	256QAM	8	7	19.09	19.50	19.26		
3	256QAM	15	0	19.45	19.59	19.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.51	24.46	24.30		
1.4	QPSK	1	3	24.51	24.52	24.40		
1.4	QPSK	1	5	24.43	24.36	24.32	25.5	0
1.4	QPSK	3	0	24.55	24.51	24.33		
1.4	QPSK	3	1	24.44	24.47	24.49		
1.4	QPSK	3	3	24.35	24.34	24.28		
1.4	QPSK	6	0	23.58	23.82	23.53	24.5	1
1.4	16QAM	1	0	23.50	23.55	23.50		
1.4	16QAM	1	3	23.57	23.56	23.53		
1.4	16QAM	1	5	23.34	23.33	23.31	24.5	1
1.4	16QAM	3	0	23.20	23.37	23.15		
1.4	16QAM	3	1	23.12	23.02	23.16		
1.4	16QAM	3	3	23.22	23.20	23.24		
1.4	16QAM	6	0	22.32	22.38	22.31	23.5	2
1.4	64QAM	1	0	22.26	22.24	22.24		
1.4	64QAM	1	3	22.30	22.40	22.39		
1.4	64QAM	1	5	22.41	22.70	22.61	23.5	2
1.4	64QAM	3	0	22.26	22.49	22.25		
1.4	64QAM	3	1	22.22	22.36	22.21		
1.4	64QAM	3	3	22.02	22.52	22.08		
1.4	64QAM	6	0	21.28	21.48	21.65	22.5	3
1.4	256QAM	1	0	19.38	19.49	19.20		
1.4	256QAM	1	3	19.30	19.32	19.07		
1.4	256QAM	1	5	19.22	19.37	19.17	20.5	5
1.4	256QAM	3	0	19.34	19.35	19.34		
1.4	256QAM	3	1	19.50	19.48	19.31		
1.4	256QAM	3	3	19.04	19.51	19.14		
1.4	256QAM	6	0	19.43	19.55	19.42	20.5	5

Band 13 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.72			
10	QPSK	1	25		24.62		25.5	0
10	QPSK	1	49		24.43			
10	QPSK	25	0		23.81			
10	QPSK	25	12		23.68		24.5	1
10	QPSK	25	25		23.75			
10	QPSK	50	0		23.51			
10	16QAM	1	0		23.42			
10	16QAM	1	25		23.25		24.5	1
10	16QAM	1	49		23.43			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.42		23.5	2
10	16QAM	25	25		22.55			
10	16QAM	50	0		22.82			
10	64QAM	1	0		22.45			
10	64QAM	1	25		22.54		23.5	2
10	64QAM	1	49		22.59			
10	64QAM	25	0		21.65			
10	64QAM	25	12		21.60		22.5	3
10	64QAM	25	25		21.57			
10	64QAM	50	0		21.70			
10	256QAM	1	0		19.55			
10	256QAM	1	25		19.43		20.5	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.53		20.5	5
10	256QAM	25	25		19.60			
10	256QAM	50	0		19.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.57	24.64	24.66		
5	QPSK	1	12	24.46	24.54	24.45	25.5	0
5	QPSK	1	24	24.39	24.34	24.27		
5	QPSK	12	0	23.75	23.65	23.67		
5	QPSK	12	7	23.64	23.56	23.62	24.5	1
5	QPSK	12	13	23.60	23.64	23.73		
5	QPSK	25	0	23.43	23.40	23.40		
5	16QAM	1	0	23.33	23.36	23.32		
5	16QAM	1	12	23.08	23.09	23.20	24.5	1
5	16QAM	1	24	23.30	23.27	23.37		
5	16QAM	12	0	22.31	22.39	22.40		
5	16QAM	12	7	22.27	22.38	22.36	23.5	2
5	16QAM	12	13	22.52	22.49	22.51		
5	16QAM	25	0	22.71	22.65	22.67		
5	64QAM	1	0	22.43	22.28	22.37		
5	64QAM	1	12	22.49	22.45	22.38	23.5	2
5	64QAM	1	24	22.49	22.49	22.44		
5	64QAM	12	0	21.48	21.57	21.56		
5	64QAM	12	7	21.49	21.57	21.53	22.5	3
5	64QAM	12	13	21.42	21.43	21.54		
5	64QAM	25	0	21.62	21.60	21.53		
5	256QAM	1	0	19.48	19.38	19.40		
5	256QAM	1	12	19.32	19.36	19.38	20.5	5
5	256QAM	1	24	19.30	19.22	19.30		
5	256QAM	12	0	19.40	19.40	19.38		
5	256QAM	12	7	19.37	19.47	19.41	20.5	5
5	256QAM	12	13	19.46	19.49	19.45		
5	256QAM	25	0	19.59	19.59	19.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.51	24.61	24.40	25.5	0
10	QPSK	1	25	24.46	24.53	24.44		
10	QPSK	1	49	24.41	24.47	24.48		
10	QPSK	25	0	23.61	23.75	23.61	24.5	1
10	QPSK	25	12	23.56	23.68	23.52		
10	QPSK	25	25	23.51	23.69	23.59		
10	QPSK	50	0	23.33	23.45	23.26		
10	16QAM	1	0	23.35	23.41	23.27	24.5	1
10	16QAM	1	25	23.28	23.24	23.21		
10	16QAM	1	49	23.23	23.37	23.34		
10	16QAM	25	0	22.40	22.42	22.43	23.5	2
10	16QAM	25	12	22.27	22.39	22.36		
10	16QAM	25	25	22.34	22.43	22.41		
10	16QAM	50	0	22.56	22.77	22.66		
10	64QAM	1	0	22.32	22.44	22.30	23.5	2
10	64QAM	1	25	22.28	22.48	22.26		
10	64QAM	1	49	22.19	22.50	22.10		
10	64QAM	25	0	21.29	21.58	21.53	22.5	3
10	64QAM	25	12	21.33	21.45	21.35		
10	64QAM	25	25	21.35	21.40	21.44		
10	64QAM	50	0	21.42	21.68	21.53		
10	256QAM	1	0	19.39	19.57	19.28	20.5	5
10	256QAM	1	25	19.31	19.40	19.12		
10	256QAM	1	49	19.23	19.35	19.29		
10	256QAM	25	0	19.41	19.51	19.41	20.5	5
10	256QAM	25	12	19.49	19.47	19.32		
10	256QAM	25	25	19.24	19.59	19.38		
10	256QAM	50	0	19.55	19.53	19.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.56	24.36	25.5	0
5	QPSK	1	12	24.29	24.40	24.29		
5	QPSK	1	24	24.32	24.32	24.33		
5	QPSK	12	0	23.48	23.57	23.59	24.5	1
5	QPSK	12	7	23.54	23.62	23.39		
5	QPSK	12	13	23.37	23.58	23.57		
5	QPSK	25	0	23.21	23.36	23.16		
5	16QAM	1	0	23.27	23.39	23.15	24.5	1
5	16QAM	1	12	23.18	23.19	23.04		
5	16QAM	1	24	23.13	23.25	23.27		
5	16QAM	12	0	22.26	22.34	22.37	23.5	2
5	16QAM	12	7	22.22	22.28	22.28		
5	16QAM	12	13	22.30	22.34	22.32		
5	16QAM	25	0	22.53	22.60	22.60		
5	64QAM	1	0	22.27	22.37	22.20	23.5	2
5	64QAM	1	12	22.10	22.40	22.23		
5	64QAM	1	24	22.11	22.38	22.03		
5	64QAM	12	0	21.24	21.54	21.50	22.5	3
5	64QAM	12	7	21.23	21.35	21.21		
5	64QAM	12	13	21.20	21.27	21.40		
5	64QAM	25	0	21.32	21.64	21.40		
5	256QAM	1	0	19.26	19.41	19.21	20.5	5
5	256QAM	1	12	19.14	19.24	19.08		
5	256QAM	1	24	19.20	19.22	19.25		
5	256QAM	12	0	19.29	19.40	19.31	20.5	5
5	256QAM	12	7	19.34	19.39	19.20		
5	256QAM	12	13	19.11	19.55	19.34		
5	256QAM	25	0	19.46	19.44	19.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.99	25.07	24.87	25.7	0
15	QPSK	1	37	24.84	24.95	24.94		
15	QPSK	1	74	24.94	24.84	24.82		
15	QPSK	36	0	24.06	24.28	24.16	24.7	1
15	QPSK	36	20	24.00	24.03	24.02		
15	QPSK	36	39	23.98	24.09	24.01		
15	QPSK	75	0	23.78	23.91	23.70		
15	16QAM	1	0	23.74	23.84	23.70	24.7	1
15	16QAM	1	37	23.64	23.63	23.69		
15	16QAM	1	74	23.69	23.79	23.77		
15	16QAM	36	0	22.89	22.82	22.90	23.7	2
15	16QAM	36	20	22.70	22.83	22.87		
15	16QAM	36	39	22.81	22.89	22.89		
15	16QAM	75	0	22.99	23.15	23.07		
15	64QAM	1	0	22.70	22.84	22.83	23.7	2
15	64QAM	1	37	22.64	22.90	22.73		
15	64QAM	1	74	22.61	23.00	22.56		
15	64QAM	36	0	21.82	22.07	21.97	22.7	3
15	64QAM	36	20	21.73	21.91	21.86		
15	64QAM	36	39	21.84	21.91	21.83		
15	64QAM	75	0	21.94	22.10	22.01		
15	256QAM	1	0	19.82	19.98	19.68	20.7	5
15	256QAM	1	37	19.69	19.81	19.59		
15	256QAM	1	74	19.70	19.75	19.71		
15	256QAM	36	0	19.91	19.86	19.94	20.7	5
15	256QAM	36	20	19.88	19.91	19.78		
15	256QAM	36	39	19.63	19.93	19.80		
15	256QAM	75	0	19.90	19.97	19.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.85	24.96	24.80	25.7	0
10	QPSK	1	25	24.67	24.81	24.84		
10	QPSK	1	49	24.81	24.67	24.66		
10	QPSK	25	0	23.97	24.23	24.01	24.7	1
10	QPSK	25	12	23.98	23.91	23.99		
10	QPSK	25	25	23.88	23.98	23.92		
10	QPSK	50	0	23.70	23.88	23.65		
10	16QAM	1	0	23.59	23.68	23.64	24.7	1
10	16QAM	1	25	23.52	23.61	23.61		
10	16QAM	1	49	23.60	23.71	23.67		
10	16QAM	25	0	22.80	22.79	22.85	23.7	2
10	16QAM	25	12	22.56	22.74	22.83		
10	16QAM	25	25	22.67	22.83	22.83		
10	16QAM	50	0	22.92	23.12	23.02		
10	64QAM	1	0	22.64	22.75	22.67	23.7	2
10	64QAM	1	25	22.60	22.82	22.59		
10	64QAM	1	49	22.57	22.84	22.38		
10	64QAM	25	0	21.71	22.04	21.89	22.7	3
10	64QAM	25	12	21.70	21.81	21.70		
10	64QAM	25	25	21.69	21.76	21.70		
10	64QAM	50	0	21.81	22.07	21.84		
10	256QAM	1	0	19.78	19.83	19.54	20.7	5
10	256QAM	1	25	19.66	19.71	19.42		
10	256QAM	1	49	19.67	19.69	19.67		
10	256QAM	25	0	19.85	19.69	19.87	20.7	5
10	256QAM	25	12	19.74	19.88	19.65		
10	256QAM	25	25	19.59	19.77	19.69		
10	256QAM	50	0	19.87	19.84	19.80		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	24.93	24.78	25.7	0
5	QPSK	1	12	24.76	24.86	24.82		
5	QPSK	1	24	24.76	24.80	24.77		
5	QPSK	12	0	23.89	24.15	24.04	24.7	1
5	QPSK	12	7	23.88	23.85	23.99		
5	QPSK	12	13	23.83	24.00	23.85		
5	QPSK	25	0	23.75	23.81	23.84		
5	16QAM	1	0	23.57	23.81	23.66	24.7	1
5	16QAM	1	12	23.53	23.49	23.65		
5	16QAM	1	24	23.66	23.67	23.72		
5	16QAM	12	0	22.73	22.75	22.77	23.7	2
5	16QAM	12	7	22.55	22.66	22.80		
5	16QAM	12	13	22.66	22.73	22.86		
5	16QAM	25	0	22.92	23.12	23.03		
5	64QAM	1	0	22.67	22.80	22.80	23.7	2
5	64QAM	1	12	22.64	22.82	22.68		
5	64QAM	1	24	22.79	22.92	22.73		
5	64QAM	12	0	21.75	21.98	21.93	22.7	3
5	64QAM	12	7	21.58	21.79	21.68		
5	64QAM	12	13	21.76	21.80	21.73		
5	64QAM	25	0	21.88	21.98	21.94		
5	256QAM	1	0	19.71	19.80	19.55	20.7	5
5	256QAM	1	12	19.65	19.66	19.53		
5	256QAM	1	24	19.56	19.70	19.59		
5	256QAM	12	0	19.81	19.79	19.78	20.7	5
5	256QAM	12	7	19.85	19.75	19.72		
5	256QAM	12	13	19.53	19.81	19.66		
5	256QAM	25	0	19.87	19.87	19.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.91	24.87	24.80	25.7	0
3	QPSK	1	8	24.76	24.82	24.82		
3	QPSK	1	14	24.83	24.65	24.62		
3	QPSK	8	0	23.85	24.14	23.99	24.7	1
3	QPSK	8	4	23.82	23.89	23.95		
3	QPSK	8	7	23.83	23.97	23.87		
3	QPSK	15	0	23.64	23.83	23.64		
3	16QAM	1	0	23.58	23.76	23.55	24.7	1
3	16QAM	1	8	23.51	23.51	23.57		
3	16QAM	1	14	23.62	23.72	23.67		
3	16QAM	8	0	22.68	22.63	22.76	23.7	2
3	16QAM	8	4	22.49	22.70	22.79		
3	16QAM	8	7	22.61	22.72	22.71		
3	16QAM	15	0	22.79	23.01	22.87		
3	64QAM	1	0	22.63	22.69	22.63	23.7	2
3	64QAM	1	8	22.43	22.73	22.67		
3	64QAM	1	14	22.48	22.88	22.49		
3	64QAM	8	0	21.70	21.97	21.87	22.7	3
3	64QAM	8	4	21.59	21.78	21.66		
3	64QAM	8	7	21.77	21.81	21.66		
3	64QAM	15	0	21.87	21.91	21.87		
3	256QAM	1	0	19.75	19.80	19.60	20.7	5
3	256QAM	1	8	19.52	19.71	19.44		
3	256QAM	1	14	19.54	19.58	19.59		
3	256QAM	8	0	19.71	19.78	19.88	20.7	5
3	256QAM	8	4	19.69	19.82	19.69		
3	256QAM	8	7	19.44	19.75	19.61		
3	256QAM	15	0	19.82	19.91	19.77		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.93	24.86	24.72	25.7	0
1.4	QPSK	1	3	24.76	24.79	24.84		
1.4	QPSK	1	5	24.86	24.76	24.76		
1.4	QPSK	3	0	24.84	24.87	24.67		
1.4	QPSK	3	1	24.65	24.82	24.76		
1.4	QPSK	3	3	24.82	24.69	24.68		
1.4	QPSK	6	0	23.88	24.09	24.10	24.7	1
1.4	16QAM	1	0	23.85	23.98	23.92	24.7	1
1.4	16QAM	1	3	23.91	23.89	23.95		
1.4	16QAM	1	5	23.59	23.81	23.64		
1.4	16QAM	3	0	23.55	23.77	23.57		
1.4	16QAM	3	1	23.48	23.48	23.52		
1.4	16QAM	3	3	23.54	23.66	23.70		
1.4	16QAM	6	0	22.74	22.68	22.71	23.7	2
1.4	64QAM	1	0	22.61	22.68	22.70	23.7	2
1.4	64QAM	1	3	22.62	22.79	22.78		
1.4	64QAM	1	5	22.83	23.09	23.00		
1.4	64QAM	3	0	22.58	22.66	22.71		
1.4	64QAM	3	1	22.53	22.76	22.62		
1.4	64QAM	3	3	22.51	22.87	22.39		
1.4	64QAM	6	0	21.61	21.89	21.83	22.7	3
1.4	256QAM	1	0	19.76	19.88	19.60	20.7	5
1.4	256QAM	1	3	19.54	19.64	19.50		
1.4	256QAM	1	5	19.60	19.65	19.66		
1.4	256QAM	3	0	19.73	19.69	19.84		
1.4	256QAM	3	1	19.74	19.72	19.60		
1.4	256QAM	3	3	19.49	19.81	19.68		
1.4	256QAM	6	0	19.84	19.86	19.67	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.17	24.27	24.01	25	0
20	QPSK	1	49	24.11	24.16	24.13		
20	QPSK	1	99	24.04	24.13	24.14		
20	QPSK	50	0	23.33	23.47	23.29	24	1
20	QPSK	50	24	23.16	23.24	23.17		
20	QPSK	50	50	23.13	23.38	23.21		
20	QPSK	100	0	22.99	23.10	22.99		
20	16QAM	1	0	22.90	23.04	22.95	24	1
20	16QAM	1	49	22.87	22.85	22.91		
20	16QAM	1	99	22.90	23.00	22.89		
20	16QAM	50	0	22.04	22.08	22.06	23	2
20	16QAM	50	24	21.90	22.00	22.11		
20	16QAM	50	50	21.99	22.14	22.06		
20	16QAM	100	0	22.13	22.35	22.26		
20	64QAM	1	0	21.98	22.08	21.97	23	2
20	64QAM	1	49	21.87	22.13	21.91		
20	64QAM	1	99	21.85	22.19	21.85		
20	64QAM	50	0	20.97	21.18	21.28	22	3
20	64QAM	50	24	21.00	21.10	21.01		
20	64QAM	50	50	21.01	21.09	21.03		
20	64QAM	100	0	21.12	21.25	21.22		
20	256QAM	1	0	19.04	19.25	18.94	20	5
20	256QAM	1	49	18.91	19.09	18.91		
20	256QAM	1	99	18.93	18.90	18.86		
20	256QAM	50	0	19.12	19.16	19.09	20	5
20	256QAM	50	24	19.09	19.13	19.03		
20	256QAM	50	50	18.80	19.26	19.02		
20	256QAM	100	0	19.14	19.19	19.08		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.24	23.87	25	0
15	QPSK	1	37	23.95	24.10	23.99		
15	QPSK	1	74	24.01	24.05	24.02		
15	QPSK	36	0	23.19	23.31	23.27	24	1
15	QPSK	36	20	23.07	23.10	23.08		
15	QPSK	36	39	23.02	23.22	23.07		
15	QPSK	75	0	22.87	23.05	22.86		
15	16QAM	1	0	22.80	22.96	22.87	24	1
15	16QAM	1	37	22.80	22.79	22.79		
15	16QAM	1	74	22.87	22.89	22.72		
15	16QAM	36	0	21.93	22.05	22.00	23	2
15	16QAM	36	20	21.75	21.92	22.01		
15	16QAM	36	39	21.82	22.01	21.92		
15	16QAM	75	0	22.01	22.24	22.17		
15	64QAM	1	0	21.85	21.90	21.83	23	2
15	64QAM	1	37	21.83	21.99	21.83		
15	64QAM	1	74	21.73	22.16	21.69		
15	64QAM	36	0	20.80	21.06	21.23	22	3
15	64QAM	36	20	20.90	20.95	20.86		
15	64QAM	36	39	20.84	21.02	20.87		
15	64QAM	75	0	20.97	21.14	21.11		
15	256QAM	1	0	18.92	19.11	18.87	20	5
15	256QAM	1	37	18.73	19.03	18.73		
15	256QAM	1	74	18.89	18.82	18.73		
15	256QAM	36	0	19.10	19.05	19.06	20	5
15	256QAM	36	20	19.05	19.05	18.93		
15	256QAM	36	39	18.65	19.11	18.97		
15	256QAM	75	0	19.06	19.09	19.00		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.99	24.19	23.98	25	0
10	QPSK	1	25	23.95	24.06	24.07		
10	QPSK	1	49	23.89	24.09	23.98		
10	QPSK	25	0	23.19	23.43	23.14	24	1
10	QPSK	25	12	23.10	23.18	23.04		
10	QPSK	25	25	23.05	23.23	23.05		
10	QPSK	50	0	22.90	22.97	22.83		
10	16QAM	1	0	22.80	22.96	22.88	24	1
10	16QAM	1	25	22.76	22.69	22.75		
10	16QAM	1	49	22.77	22.92	22.75		
10	16QAM	25	0	21.88	21.98	21.90	23	2
10	16QAM	25	12	21.81	21.97	22.02		
10	16QAM	25	25	21.85	22.05	21.94		
10	16QAM	50	0	21.99	22.28	22.09		
10	64QAM	1	0	21.91	22.01	21.89	23	2
10	64QAM	1	25	21.83	22.06	21.85		
10	64QAM	1	49	21.80	22.11	21.71		
10	64QAM	25	0	20.90	21.15	21.21	22	3
10	64QAM	25	12	20.93	20.96	20.94		
10	64QAM	25	25	20.94	21.03	20.95		
10	64QAM	50	0	21.02	21.19	21.05		
10	256QAM	1	0	18.95	19.13	18.89	20	5
10	256QAM	1	25	18.73	18.99	18.87		
10	256QAM	1	49	18.76	18.87	18.71		
10	256QAM	25	0	18.96	19.06	18.96	20	5
10	256QAM	25	12	18.95	18.97	18.88		
10	256QAM	25	25	18.82	19.00	18.90		
10	256QAM	50	0	19.10	19.16	18.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.11	24.09	23.96	25	0
5	QPSK	1	12	24.04	24.03	24.07		
5	QPSK	1	24	23.94	24.08	24.12		
5	QPSK	12	0	23.21	23.32	23.17	24	1
5	QPSK	12	7	23.11	23.08	23.09		
5	QPSK	12	13	22.97	23.24	23.12		
5	QPSK	25	0	22.88	22.95	22.86		
5	16QAM	1	0	22.76	22.98	22.91	24	1
5	16QAM	1	12	22.83	22.70	22.85		
5	16QAM	1	24	22.84	22.92	22.75		
5	16QAM	12	0	21.87	21.91	21.96	23	2
5	16QAM	12	7	21.75	21.91	22.00		
5	16QAM	12	13	21.95	22.00	22.02		
5	16QAM	25	0	21.96	22.28	22.15		
5	64QAM	1	0	21.84	22.06	21.88	23	2
5	64QAM	1	12	21.79	22.00	21.80		
5	64QAM	1	24	21.70	22.09	21.75		
5	64QAM	12	0	20.92	21.01	21.22	22	3
5	64QAM	12	7	20.92	21.05	20.98		
5	64QAM	12	13	20.91	20.91	20.96		
5	64QAM	25	0	20.99	21.11	21.17		
5	256QAM	1	0	18.91	19.13	18.89	20	5
5	256QAM	1	12	18.88	18.93	18.86		
5	256QAM	1	24	18.87	18.72	18.83		
5	256QAM	12	0	19.04	19.05	18.97	20	5
5	256QAM	12	7	19.02	18.99	18.96		
5	256QAM	12	13	18.70	19.19	18.98		
5	256QAM	25	0	19.05	19.07	18.96		

GSM850 EC4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.76	32.77	32.86	34.50	23.76	23.77	23.86	25.50
GPRS 1 Tx slot	32.85	32.93	32.90	34.50	23.85	23.93	23.90	25.50
GPRS 2 Tx slots	29.95	30.06	30.04	31.50	23.95	24.06	24.04	25.50
GPRS 3 Tx slots	28.14	28.30	28.29	29.70	23.88	24.04	24.03	25.44
GPRS 4 Tx slots	26.63	26.88	26.87	28.50	23.63	23.88	23.87	25.50
EDGE 1 Tx slot	26.95	27.08	26.93	28.50	17.95	18.08	17.93	19.50
EDGE 2 Tx slots	23.95	23.93	23.88	25.50	17.95	17.93	17.88	19.50
EDGE 3 Tx slots	21.86	21.88	21.91	23.70	17.60	17.62	17.65	19.44
EDGE 4 Tx slots	20.54	20.62	20.58	22.50	17.54	17.62	17.58	19.50

WCDMA V EC4

Band									WCDMA V			
TX Channel									4132	4182	4233	Tune-up Limit (dBm)
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								24.03	24.11	24.10	25.50
3GPP Rel 99	RMC 12.2Kbps								23.94	24.15	24.13	25.50
3GPP Rel 6	HSDPA Subtest-1								23.16	23.18	23.17	24.50
3GPP Rel 6	HSDPA Subtest-2								23.11	23.08	23.02	24.50
3GPP Rel 6	HSDPA Subtest-3								22.62	22.69	22.68	24.00
3GPP Rel 6	HSDPA Subtest-4								22.56	22.62	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-1								23.07	23.11	23.14	24.50
3GPP Rel 8	DC-HSDPA Subtest-2								22.99	23.08	23.04	24.50
3GPP Rel 8	DC-HSDPA Subtest-3								22.45	22.58	22.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-4								22.39	22.56	22.51	24.00
3GPP Rel 6	HSUPA Subtest-1								22.88	23.06	23.06	24.50
3GPP Rel 6	HSUPA Subtest-2								21.09	21.18	21.15	22.50
3GPP Rel 6	HSUPA Subtest-3								22.17	22.18	22.22	23.50
3GPP Rel 6	HSUPA Subtest-4								21.02	21.10	21.06	22.50
3GPP Rel 6	HSUPA Subtest-5								23.00	23.16	22.97	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								20.58	20.80	20.71	22.00

Band 5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.17	25.24	25.12	25.7	0
10	QPSK	1	25	25.05	25.22	25.12		
10	QPSK	1	49	25.05	25.11	25.04		
10	QPSK	25	0	24.27	24.52	24.37	24.7	1
10	QPSK	25	12	24.23	24.32	24.28		
10	QPSK	25	25	24.15	24.33	24.25		
10	QPSK	50	0	24.07	24.12	24.03		
10	16QAM	1	0	23.97	24.09	23.94	24.7	1
10	16QAM	1	25	23.88	23.84	23.97		
10	16QAM	1	49	23.88	24.02	23.94		
10	16QAM	25	0	23.11	23.10	23.18	23.7	2
10	16QAM	25	12	22.97	23.04	23.09		
10	16QAM	25	25	23.00	23.10	23.05		
10	16QAM	50	0	23.19	23.44	23.23		
10	64QAM	1	0	22.98	23.16	23.03	23.7	2
10	64QAM	1	25	22.84	23.08	22.94		
10	64QAM	1	49	22.89	23.26	22.78		
10	64QAM	25	0	22.03	22.19	22.31	22.7	3
10	64QAM	25	12	21.99	22.19	22.09		
10	64QAM	25	25	22.05	22.12	22.05		
10	64QAM	50	0	22.20	22.35	22.22		
10	256QAM	1	0	20.02	20.18	19.90	20.7	5
10	256QAM	1	25	19.96	20.06	19.94		
10	256QAM	1	49	20.00	20.01	19.88		
10	256QAM	25	0	20.15	20.17	20.10	20.7	5
10	256QAM	25	12	20.15	20.08	19.99		
10	256QAM	25	25	20.11	20.16	20.06		
10	256QAM	50	0	20.16	20.28	20.06		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.12	25.15	25.08	25.7	0
5	QPSK	1	12	24.97	25.15	24.98		
5	QPSK	1	24	25.01	24.94	24.87		
5	QPSK	12	0	24.12	24.48	24.33	24.7	1
5	QPSK	12	7	24.14	24.21	24.20		
5	QPSK	12	13	24.10	24.19	24.20		
5	QPSK	25	0	23.99	24.01	23.86		
5	16QAM	1	0	23.80	24.06	23.77	24.7	1
5	16QAM	1	12	23.81	23.82	23.79		
5	16QAM	1	24	23.74	23.97	23.91		
5	16QAM	12	0	23.00	23.04	23.14	23.7	2
5	16QAM	12	7	22.82	22.92	22.95		
5	16QAM	12	13	22.92	23.04	22.95		
5	16QAM	25	0	23.07	23.33	23.18		
5	64QAM	1	0	22.87	23.05	22.92	23.7	2
5	64QAM	1	12	22.67	22.91	22.79		
5	64QAM	1	24	22.78	23.11	22.66		
5	64QAM	12	0	21.95	22.12	22.24	22.7	3
5	64QAM	12	7	21.83	22.07	22.05		
5	64QAM	12	13	21.92	22.07	21.94		
5	64QAM	25	0	22.16	22.28	22.18		
5	256QAM	1	0	19.94	20.15	19.73	20.7	5
5	256QAM	1	12	19.86	20.01	19.86		
5	256QAM	1	24	19.96	19.93	19.81		
5	256QAM	12	0	20.00	20.11	20.06	20.7	5
5	256QAM	12	7	20.03	20.06	19.86		
5	256QAM	12	13	19.95	20.13	19.98		
5	256QAM	25	0	20.03	20.19	19.92		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.12	25.12	25.00	25.7	0
3	QPSK	1	8	24.89	25.08	25.06		
3	QPSK	1	14	24.95	24.95	25.02		
3	QPSK	8	0	24.11	24.43	24.29	24.7	1
3	QPSK	8	4	24.15	24.28	24.14		
3	QPSK	8	7	24.12	24.16	24.12		
3	QPSK	15	0	23.97	24.01	23.89		
3	16QAM	1	0	23.90	23.97	23.91	24.7	1
3	16QAM	1	8	23.75	23.69	23.79		
3	16QAM	1	14	23.82	23.87	23.78		
3	16QAM	8	0	22.99	23.01	23.16	23.7	2
3	16QAM	8	4	22.86	22.93	22.95		
3	16QAM	8	7	22.97	23.05	22.99		
3	16QAM	15	0	23.04	23.38	23.10		
3	64QAM	1	0	22.82	23.06	22.94	23.7	2
3	64QAM	1	8	22.89	22.93	22.83		
3	64QAM	1	14	22.89	23.18	22.78		
3	64QAM	8	0	21.98	22.06	22.13	22.7	3
3	64QAM	8	4	21.96	22.10	21.94		
3	64QAM	8	7	21.93	22.04	21.90		
3	64QAM	15	0	22.03	22.26	22.18		
3	256QAM	1	0	19.96	20.03	19.76	20.7	5
3	256QAM	1	8	19.79	19.97	19.81		
3	256QAM	1	14	19.83	19.90	19.85		
3	256QAM	8	0	20.08	20.12	20.01	20.7	5
3	256QAM	8	4	20.09	20.05	19.84		
3	256QAM	8	7	20.02	20.12	20.03		
3	256QAM	15	0	20.04	20.18	19.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.13	25.09	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.12	24.96		
1.4	QPSK	1	5	24.88	25.02	25.00		
1.4	QPSK	3	0	25.01	25.16	24.98		
1.4	QPSK	3	1	24.95	25.13	25.04		
1.4	QPSK	3	3	24.95	25.01	24.96		
1.4	QPSK	6	0	24.22	24.40	24.23	24.7	1
1.4	16QAM	1	0	24.17	24.26	24.12	24.7	1
1.4	16QAM	1	3	24.02	24.23	24.14		
1.4	16QAM	1	5	24.01	24.08	23.93		
1.4	16QAM	3	0	23.88	24.03	23.80		
1.4	16QAM	3	1	23.82	23.80	23.91		
1.4	16QAM	3	3	23.82	23.91	23.89		
1.4	16QAM	6	0	22.99	23.08	23.14	23.7	2
1.4	64QAM	1	0	22.87	22.96	23.01	23.7	2
1.4	64QAM	1	3	22.95	23.00	22.89		
1.4	64QAM	1	5	23.05	23.27	23.07		
1.4	64QAM	3	0	22.89	23.09	22.86		
1.4	64QAM	3	1	22.74	22.95	22.86		
1.4	64QAM	3	3	22.82	23.16	22.68		
1.4	64QAM	6	0	21.98	22.13	22.17	22.7	3
1.4	256QAM	1	0	19.99	20.16	19.86	20.7	5
1.4	256QAM	1	3	19.92	19.91	19.86		
1.4	256QAM	1	5	19.93	19.88	19.83		
1.4	256QAM	3	0	20.12	20.03	20.04		
1.4	256QAM	3	1	20.09	19.93	19.85		
1.4	256QAM	3	3	20.06	20.04	19.96		
1.4	256QAM	6	0	20.09	20.24	19.97	20.7	5

Band 12 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.57	24.59	24.36	25.7	0
10	QPSK	1	25	24.39	24.51	24.52		
10	QPSK	1	49	24.41	24.42	24.41		
10	QPSK	25	0	23.62	23.79	23.62	24.7	1
10	QPSK	25	12	23.53	23.62	23.57		
10	QPSK	25	25	23.49	23.62	23.58		
10	QPSK	50	0	23.37	23.41	23.24		
10	16QAM	1	0	23.27	23.34	23.23	24.7	1
10	16QAM	1	25	23.23	23.22	23.18		
10	16QAM	1	49	23.18	23.35	23.32		
10	16QAM	25	0	22.46	22.37	22.38	23.7	2
10	16QAM	25	12	22.24	22.30	22.38		
10	16QAM	25	25	22.34	22.48	22.41		
10	16QAM	50	0	22.48	22.70	22.57		
10	64QAM	1	0	22.32	22.37	22.32	23.7	2
10	64QAM	1	25	22.16	22.35	22.27		
10	64QAM	1	49	22.13	22.54	22.07		
10	64QAM	25	0	21.30	21.56	21.58	22.7	3
10	64QAM	25	12	21.27	21.49	21.31		
10	64QAM	25	25	21.41	21.40	21.43		
10	64QAM	50	0	21.46	21.66	21.57		
10	256QAM	1	0	19.35	19.55	19.28	20.7	5
10	256QAM	1	25	19.35	19.34	19.32		
10	256QAM	1	49	19.23	19.25	19.21		
10	256QAM	25	0	19.44	19.51	19.46	20.7	5
10	256QAM	25	12	19.46	19.45	19.34		
10	256QAM	25	25	19.34	19.53	19.32		
10	256QAM	50	0	19.45	19.50	19.49		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.53	24.23	25.7	0
5	QPSK	1	12	24.25	24.43	24.38		
5	QPSK	1	24	24.28	24.39	24.36		
5	QPSK	12	0	23.45	23.72	23.55	24.7	1
5	QPSK	12	7	23.47	23.47	23.46		
5	QPSK	12	13	23.34	23.49	23.49		
5	QPSK	25	0	23.26	23.31	23.22		
5	16QAM	1	0	23.21	23.32	23.12	24.7	1
5	16QAM	1	12	23.09	23.20	23.05		
5	16QAM	1	24	23.07	23.20	23.21		
5	16QAM	12	0	22.29	22.27	22.32	23.7	2
5	16QAM	12	7	22.12	22.18	22.34		
5	16QAM	12	13	22.23	22.44	22.23		
5	16QAM	25	0	22.33	22.59	22.46		
5	64QAM	1	0	22.21	22.30	22.18	23.7	2
5	64QAM	1	12	22.08	22.18	22.22		
5	64QAM	1	24	22.03	22.42	21.96		
5	64QAM	12	0	21.22	21.49	21.53	22.7	3
5	64QAM	12	7	21.21	21.37	21.21		
5	64QAM	12	13	21.30	21.29	21.30		
5	64QAM	25	0	21.29	21.55	21.54		
5	256QAM	1	0	19.22	19.48	19.24	20.7	5
5	256QAM	1	12	19.23	19.16	19.20		
5	256QAM	1	24	19.15	19.19	19.15		
5	256QAM	12	0	19.34	19.46	19.29	20.7	5
5	256QAM	12	7	19.35	19.37	19.18		
5	256QAM	12	13	19.30	19.43	19.15		
5	256QAM	25	0	19.29	19.45	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.43	24.20	25.7	0
3	QPSK	1	8	24.27	24.34	24.36		
3	QPSK	1	14	24.34	24.30	24.26		
3	QPSK	8	0	23.46	23.61	23.54	24.7	1
3	QPSK	8	4	23.48	23.46	23.41		
3	QPSK	8	7	23.46	23.56	23.52		
3	QPSK	15	0	23.28	23.33	23.11		
3	16QAM	1	0	23.15	23.18	23.08	24.7	1
3	16QAM	1	8	23.14	23.07	23.13		
3	16QAM	1	14	23.00	23.24	23.21		
3	16QAM	8	0	22.32	22.34	22.35	23.7	2
3	16QAM	8	4	22.18	22.24	22.27		
3	16QAM	8	7	22.24	22.45	22.38		
3	16QAM	15	0	22.45	22.61	22.42		
3	64QAM	1	0	22.22	22.25	22.23	23.7	2
3	64QAM	1	8	22.10	22.25	22.20		
3	64QAM	1	14	22.05	22.39	21.99		
3	64QAM	8	0	21.22	21.42	21.50	22.7	3
3	64QAM	8	4	21.22	21.43	21.17		
3	64QAM	8	7	21.36	21.30	21.37		
3	64QAM	15	0	21.42	21.57	21.49		
3	256QAM	1	0	19.29	19.48	19.24	20.7	5
3	256QAM	1	8	19.24	19.25	19.25		
3	256QAM	1	14	19.14	19.11	19.17		
3	256QAM	8	0	19.40	19.46	19.41	20.7	5
3	256QAM	8	4	19.35	19.30	19.27		
3	256QAM	8	7	19.17	19.37	19.19		
3	256QAM	15	0	19.36	19.38	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.41	24.43	24.20	25.7	0
1.4	QPSK	1	3	24.36	24.47	24.44		
1.4	QPSK	1	5	24.39	24.32	24.35		
1.4	QPSK	3	0	24.52	24.56	24.24		
1.4	QPSK	3	1	24.32	24.48	24.45		
1.4	QPSK	3	3	24.26	24.34	24.26		
1.4	QPSK	6	0	23.57	23.73	23.52	24.7	1
1.4	16QAM	1	0	23.46	23.56	23.48	24.7	1
1.4	16QAM	1	3	23.44	23.57	23.45		
1.4	16QAM	1	5	23.29	23.35	23.19		
1.4	16QAM	3	0	23.23	23.20	23.06		
1.4	16QAM	3	1	23.20	23.18	23.14		
1.4	16QAM	3	3	23.13	23.27	23.28		
1.4	16QAM	6	0	22.34	22.25	22.21	23.7	2
1.4	64QAM	1	0	22.07	22.17	22.24	23.7	2
1.4	64QAM	1	3	22.20	22.36	22.28		
1.4	64QAM	1	5	22.41	22.56	22.42		
1.4	64QAM	3	0	22.16	22.21	22.15		
1.4	64QAM	3	1	22.03	22.27	22.23		
1.4	64QAM	3	3	22.06	22.40	21.94		
1.4	64QAM	6	0	21.19	21.45	21.27	22.7	3
1.4	256QAM	1	0	19.28	19.48	19.20	20.7	5
1.4	256QAM	1	3	19.24	19.28	19.25		
1.4	256QAM	1	5	19.18	19.10	19.14		
1.4	256QAM	3	0	19.30	19.40	19.34		
1.4	256QAM	3	1	19.34	19.37	19.25		
1.4	256QAM	3	3	19.22	19.45	19.19		
1.4	256QAM	6	0	19.28	19.48	19.35	20.7	5

Band 13 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.61		25.7	0
10	QPSK	1	25		24.47			
10	QPSK	1	49		24.44			
10	QPSK	25	0		23.79		24.7	1
10	QPSK	25	12		23.59			
10	QPSK	25	25		23.65			
10	QPSK	50	0		23.46			
10	16QAM	1	0		23.45		24.7	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.41			
10	16QAM	25	0		22.50		23.7	2
10	16QAM	25	12		22.37			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.80			
10	64QAM	1	0		22.44		23.7	2
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.52			
10	64QAM	25	0		21.56		22.7	3
10	64QAM	25	12		21.52			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.64			
10	256QAM	1	0		19.51		20.7	5
10	256QAM	1	25		19.42			
10	256QAM	1	49		19.29			
10	256QAM	25	0		19.53		20.7	5
10	256QAM	25	12		19.49			
10	256QAM	25	25		19.54			
10	256QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.53	24.49	25.7	0
5	QPSK	1	12	24.36	24.39	24.31		
5	QPSK	1	24	24.33	24.34	24.40		
5	QPSK	12	0	23.62	23.66	23.63	24.7	1
5	QPSK	12	7	23.45	23.43	23.55		
5	QPSK	12	13	23.57	23.53	23.55		
5	QPSK	25	0	23.43	23.36	23.31		
5	16QAM	1	0	23.32	23.32	23.31	24.7	1
5	16QAM	1	12	23.11	23.10	23.14		
5	16QAM	1	24	23.30	23.32	23.32		
5	16QAM	12	0	22.41	22.44	22.46	23.7	2
5	16QAM	12	7	22.30	22.23	22.27		
5	16QAM	12	13	22.42	22.37	22.37		
5	16QAM	25	0	22.75	22.72	22.75		
5	64QAM	1	0	22.40	22.34	22.34	23.7	2
5	64QAM	1	12	22.34	22.33	22.33		
5	64QAM	1	24	22.40	22.37	22.36		
5	64QAM	12	0	21.39	21.49	21.51	22.7	3
5	64QAM	12	7	21.43	21.38	21.49		
5	64QAM	12	13	21.40	21.44	21.31		
5	64QAM	25	0	21.55	21.57	21.58		
5	256QAM	1	0	19.42	19.37	19.43	20.7	5
5	256QAM	1	12	19.30	19.34	19.36		
5	256QAM	1	24	19.15	19.22	19.26		
5	256QAM	12	0	19.39	19.43	19.44	20.7	5
5	256QAM	12	7	19.35	19.45	19.47		
5	256QAM	12	13	19.47	19.36	19.48		
5	256QAM	25	0	19.54	19.46	19.48		

Band 17 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.46	24.49	24.23	25.7	0
10	QPSK	1	25	24.39	24.35	24.41		
10	QPSK	1	49	24.31	24.38	24.32		
10	QPSK	25	0	23.58	23.69	23.60	24.7	1
10	QPSK	25	12	23.50	23.53	23.41		
10	QPSK	25	25	23.45	23.53	23.49		
10	QPSK	50	0	23.26	23.35	23.15		
10	16QAM	1	0	23.18	23.34	23.24	24.7	1
10	16QAM	1	25	23.08	23.08	23.18		
10	16QAM	1	49	23.13	23.31	23.23		
10	16QAM	25	0	22.30	22.29	22.37	23.7	2
10	16QAM	25	12	22.17	22.29	22.30		
10	16QAM	25	25	22.27	22.44	22.38		
10	16QAM	50	0	22.45	22.62	22.46		
10	64QAM	1	0	22.24	22.37	22.20	23.7	2
10	64QAM	1	25	22.16	22.33	22.13		
10	64QAM	1	49	22.11	22.40	22.10		
10	64QAM	25	0	21.27	21.46	21.48	22.7	3
10	64QAM	25	12	21.15	21.37	21.32		
10	64QAM	25	25	21.25	21.38	21.31		
10	64QAM	50	0	21.36	21.55	21.48		
10	256QAM	1	0	19.33	19.43	19.17	20.7	5
10	256QAM	1	25	19.22	19.30	19.21		
10	256QAM	1	49	19.15	19.25	19.08		
10	256QAM	25	0	19.38	19.37	19.34	20.7	5
10	256QAM	25	12	19.31	19.34	19.29		
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.44	19.40	19.34		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.31	24.40	24.18	25.7	0
5	QPSK	1	12	24.25	24.23	24.36		
5	QPSK	1	24	24.21	24.30	24.16		
5	QPSK	12	0	23.55	23.57	23.42	24.7	1
5	QPSK	12	7	23.33	23.40	23.25		
5	QPSK	12	13	23.32	23.48	23.36		
5	QPSK	25	0	23.21	23.29	23.09		
5	16QAM	1	0	23.07	23.18	23.20	24.7	1
5	16QAM	1	12	22.90	22.91	23.01		
5	16QAM	1	24	23.10	23.27	23.12		
5	16QAM	12	0	22.22	22.25	22.35	23.7	2
5	16QAM	12	7	22.11	22.15	22.28		
5	16QAM	12	13	22.18	22.37	22.34		
5	16QAM	25	0	22.32	22.56	22.29		
5	64QAM	1	0	22.21	22.19	22.03	23.7	2
5	64QAM	1	12	22.03	22.20	22.09		
5	64QAM	1	24	21.95	22.23	21.99		
5	64QAM	12	0	21.13	21.34	21.44	22.7	3
5	64QAM	12	7	21.09	21.31	21.15		
5	64QAM	12	13	21.19	21.21	21.14		
5	64QAM	25	0	21.32	21.49	21.34		
5	256QAM	1	0	19.17	19.25	18.99	20.7	5
5	256QAM	1	12	19.15	19.28	19.07		
5	256QAM	1	24	18.98	19.13	18.99		
5	256QAM	12	0	19.22	19.24	19.25	20.7	5
5	256QAM	12	7	19.28	19.25	19.15		
5	256QAM	12	13	19.23	19.32	19.16		
5	256QAM	25	0	19.34	19.31	19.21		

Band 26 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.11	25.14	24.98	25.7	0
15	QPSK	1	37	24.98	25.10	24.99		
15	QPSK	1	74	25.03	25.03	24.93		
15	QPSK	36	0	24.16	24.40	24.23	24.7	1
15	QPSK	36	20	24.13	24.23	24.12		
15	QPSK	36	39	24.05	24.19	24.12		
15	QPSK	75	0	23.92	24.00	23.80		
15	16QAM	1	0	23.83	23.95	23.81	24.7	1
15	16QAM	1	37	23.80	23.79	23.79		
15	16QAM	1	74	23.71	23.95	23.84		
15	16QAM	36	0	22.93	23.03	23.06	23.7	2
15	16QAM	36	20	22.83	22.84	23.00		
15	16QAM	36	39	22.95	23.10	22.94		
15	16QAM	75	0	23.02	23.35	23.13		
15	64QAM	1	0	22.84	23.05	22.85	23.7	2
15	64QAM	1	37	22.74	22.98	22.79		
15	64QAM	1	74	22.75	23.13	22.72		
15	64QAM	36	0	21.89	22.08	22.10	22.7	3
15	64QAM	36	20	21.89	22.07	21.90		
15	64QAM	36	39	21.93	22.00	21.93		
15	64QAM	75	0	22.08	22.17	22.20		
15	256QAM	1	0	19.92	20.06	19.78	20.7	5
15	256QAM	1	37	19.86	19.93	19.92		
15	256QAM	1	74	19.79	19.86	19.81		
15	256QAM	36	0	19.99	20.03	19.95	20.7	5
15	256QAM	36	20	19.99	20.00	19.88		
15	256QAM	36	39	19.93	20.16	19.90		
15	256QAM	75	0	20.09	20.15	20.00		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.06	25.11	24.87	25.7	0
10	QPSK	1	25	24.91	25.03	24.92		
10	QPSK	1	49	24.87	24.97	24.90		
10	QPSK	25	0	24.13	24.29	24.08	24.7	1
10	QPSK	25	12	23.98	24.20	23.97		
10	QPSK	25	25	23.95	24.05	24.04		
10	QPSK	50	0	23.87	23.88	23.64		
10	16QAM	1	0	23.68	23.79	23.67	24.7	1
10	16QAM	1	25	23.65	23.63	23.76		
10	16QAM	1	49	23.61	23.89	23.76		
10	16QAM	25	0	22.88	23.00	22.92	23.7	2
10	16QAM	25	12	22.72	22.67	22.95		
10	16QAM	25	25	22.78	23.01	22.85		
10	16QAM	50	0	22.95	23.19	22.98		
10	64QAM	1	0	22.72	22.94	22.76	23.7	2
10	64QAM	1	25	22.59	22.85	22.66		
10	64QAM	1	49	22.70	23.07	22.60		
10	64QAM	25	0	21.81	21.91	21.99	22.7	3
10	64QAM	25	12	21.83	21.89	21.83		
10	64QAM	25	25	21.82	21.97	21.78		
10	64QAM	50	0	21.99	22.01	22.08		
10	256QAM	1	0	19.86	19.99	19.65	20.7	5
10	256QAM	1	25	19.81	19.80	19.90		
10	256QAM	1	49	19.62	19.82	19.64		
10	256QAM	25	0	19.85	19.85	19.82	20.7	5
10	256QAM	25	12	19.97	19.85	19.80		
10	256QAM	25	25	19.79	20.00	19.85		
10	256QAM	50	0	20.03	20.11	19.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.96	24.97	24.90	25.7	0
5	QPSK	1	12	24.89	24.92	24.86		
5	QPSK	1	24	24.93	24.99	24.90		
5	QPSK	12	0	24.00	24.34	24.13	24.7	1
5	QPSK	12	7	23.99	24.12	23.95		
5	QPSK	12	13	24.02	24.10	24.06		
5	QPSK	25	0	23.81	23.92	23.63		
5	16QAM	1	0	23.78	23.92	23.78	24.7	1
5	16QAM	1	12	23.71	23.62	23.62		
5	16QAM	1	24	23.62	23.89	23.69		
5	16QAM	12	0	22.77	22.96	23.00	23.7	2
5	16QAM	12	7	22.70	22.68	22.98		
5	16QAM	12	13	22.81	23.01	22.91		
5	16QAM	25	0	22.99	23.18	23.00		
5	64QAM	1	0	22.73	23.03	22.81	23.7	2
5	64QAM	1	12	22.56	22.81	22.66		
5	64QAM	1	24	22.58	23.04	22.67		
5	64QAM	12	0	21.71	22.03	22.05	22.7	3
5	64QAM	12	7	21.77	21.94	21.85		
5	64QAM	12	13	21.80	21.83	21.80		
5	64QAM	25	0	21.96	22.03	22.05		
5	256QAM	1	0	19.83	19.97	19.74	20.7	5
5	256QAM	1	12	19.76	19.86	19.85		
5	256QAM	1	24	19.67	19.78	19.66		
5	256QAM	12	0	19.89	19.94	19.78	20.7	5
5	256QAM	12	7	19.89	19.91	19.82		
5	256QAM	12	13	19.79	20.02	19.86		
5	256QAM	25	0	19.96	20.09	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.08	25.00	24.87	25.7	0
3	QPSK	1	8	24.83	25.07	24.88		
3	QPSK	1	14	24.91	25.01	24.86		
3	QPSK	8	0	24.01	24.31	24.12	24.7	1
3	QPSK	8	4	24.02	24.05	23.99		
3	QPSK	8	7	23.90	24.13	23.99		
3	QPSK	15	0	23.87	23.92	23.64		
3	16QAM	1	0	23.75	23.93	23.72	24.7	1
3	16QAM	1	8	23.63	23.68	23.66		
3	16QAM	1	14	23.64	23.81	23.82		
3	16QAM	8	0	22.86	22.99	22.96	23.7	2
3	16QAM	8	4	22.81	22.79	22.94		
3	16QAM	8	7	22.87	23.00	22.83		
3	16QAM	15	0	22.99	23.20	22.96		
3	64QAM	1	0	22.70	22.99	22.82	23.7	2
3	64QAM	1	8	22.67	22.80	22.76		
3	64QAM	1	14	22.57	23.03	22.67		
3	64QAM	8	0	21.75	21.94	22.05	22.7	3
3	64QAM	8	4	21.75	22.03	21.79		
3	64QAM	8	7	21.83	21.98	21.79		
3	64QAM	15	0	21.94	22.00	22.04		
3	256QAM	1	0	19.86	19.97	19.63	20.7	5
3	256QAM	1	8	19.68	19.88	19.86		
3	256QAM	1	14	19.61	19.75	19.73		
3	256QAM	8	0	19.87	20.01	19.91	20.7	5
3	256QAM	8	4	19.91	19.98	19.85		
3	256QAM	8	7	19.90	20.06	19.74		
3	256QAM	15	0	19.95	20.10	19.91		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.94	25.07	24.80	25.7	0
1.4	QPSK	1	3	24.94	24.93	24.96		
1.4	QPSK	1	5	24.96	24.89	24.77		
1.4	QPSK	3	0	25.00	25.05	24.91		
1.4	QPSK	3	1	24.82	24.98	24.96		
1.4	QPSK	3	3	25.00	24.88	24.90		
1.4	QPSK	6	0	24.09	24.34	24.19	24.7	1
1.4	16QAM	1	0	24.09	24.14	24.03	24.7	1
1.4	16QAM	1	3	23.97	24.10	24.02		
1.4	16QAM	1	5	23.76	23.86	23.75		
1.4	16QAM	3	0	23.72	23.84	23.71		
1.4	16QAM	3	1	23.70	23.61	23.66		
1.4	16QAM	3	3	23.54	23.90	23.68		
1.4	16QAM	6	0	22.86	22.91	23.00	23.7	2
1.4	64QAM	1	0	22.78	22.82	22.91	23.7	2
1.4	64QAM	1	3	22.77	22.98	22.90		
1.4	64QAM	1	5	22.94	23.23	22.96		
1.4	64QAM	3	0	22.71	23.01	22.70		
1.4	64QAM	3	1	22.63	22.81	22.71		
1.4	64QAM	3	3	22.61	23.02	22.58		
1.4	64QAM	6	0	21.79	22.03	22.02	22.7	3
1.4	256QAM	1	0	19.80	19.93	19.70	20.7	5
1.4	256QAM	1	3	19.80	19.82	19.85		
1.4	256QAM	1	5	19.77	19.70	19.68		
1.4	256QAM	3	0	19.95	19.91	19.90		
1.4	256QAM	3	1	19.89	19.92	19.82		
1.4	256QAM	3	3	19.85	20.02	19.77		
1.4	256QAM	6	0	19.92	20.10	19.97	20.7	5

Band 71 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.23	24.37	24.16	25.5	0
20	QPSK	1	49	24.17	24.23	24.26		
20	QPSK	1	99	24.16	24.20	24.14		
20	QPSK	50	0	23.34	23.49	23.34	24.5	1
20	QPSK	50	24	23.32	23.27	23.26		
20	QPSK	50	50	23.28	23.33	23.30		
20	QPSK	100	0	23.14	23.20	23.02		
20	16QAM	1	0	23.02	23.08	22.97	24.5	1
20	16QAM	1	49	22.98	22.95	22.93		
20	16QAM	1	99	22.87	23.15	22.95		
20	16QAM	50	0	22.10	22.14	22.19	23.5	2
20	16QAM	50	24	21.96	22.00	22.08		
20	16QAM	50	50	21.99	22.14	22.09		
20	16QAM	100	0	22.23	22.43	22.33		
20	64QAM	1	0	22.00	22.13	22.04	23.5	2
20	64QAM	1	49	21.90	22.11	21.94		
20	64QAM	1	99	21.89	22.25	21.82		
20	64QAM	50	0	21.07	21.27	21.29	22.5	3
20	64QAM	50	24	21.03	21.23	21.08		
20	64QAM	50	50	21.13	21.19	21.16		
20	64QAM	100	0	21.16	21.38	21.33		
20	256QAM	1	0	19.09	19.24	18.95	20.5	5
20	256QAM	1	49	19.05	19.14	19.02		
20	256QAM	1	99	19.03	18.99	18.95		
20	256QAM	50	0	19.15	19.19	19.15	20.5	5
20	256QAM	50	24	19.15	19.14	19.10		
20	256QAM	50	50	19.16	19.26	19.02		
20	256QAM	100	0	19.16	19.31	19.16		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.18	24.33	24.12	25.5	0
15	QPSK	1	37	24.13	24.16	24.18		
15	QPSK	1	74	24.04	24.05	24.09		
15	QPSK	36	0	23.29	23.47	23.19	24.5	1
15	QPSK	36	20	23.21	23.24	23.12		
15	QPSK	36	39	23.11	23.16	23.20		
15	QPSK	75	0	23.00	23.15	22.92		
15	16QAM	1	0	22.84	22.97	22.82	24.5	1
15	16QAM	1	37	22.82	22.85	22.87		
15	16QAM	1	74	22.72	23.03	22.93		
15	16QAM	36	0	21.92	22.08	22.04	23.5	2
15	16QAM	36	20	21.79	21.90	22.04		
15	16QAM	36	39	21.90	22.03	21.96		
15	16QAM	75	0	22.11	22.32	22.23		
15	64QAM	1	0	21.84	22.10	21.91	23.5	2
15	64QAM	1	37	21.81	22.09	21.81		
15	64QAM	1	74	21.82	22.07	21.80		
15	64QAM	36	0	21.00	21.16	21.13	22.5	3
15	64QAM	36	20	20.97	21.18	20.92		
15	64QAM	36	39	21.08	21.06	21.07		
15	64QAM	75	0	21.02	21.26	21.17		
15	256QAM	1	0	18.94	19.16	18.77	20.5	5
15	256QAM	1	37	18.95	19.08	18.86		
15	256QAM	1	74	19.00	18.95	18.92		
15	256QAM	36	0	19.08	19.11	19.06	20.5	5
15	256QAM	36	20	19.01	19.04	19.05		
15	256QAM	36	39	19.11	19.18	18.97		
15	256QAM	75	0	19.10	19.24	19.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	24.09	24.23	24.04	25.5	0
10	QPSK	1	25	24.04	24.20	24.23		
10	QPSK	1	49	24.00	24.18	23.97		
10	QPSK	25	0	23.23	23.37	23.19	24.5	1
10	QPSK	25	12	23.27	23.18	23.20		
10	QPSK	25	25	23.19	23.25	23.22		
10	QPSK	50	0	23.07	23.10	22.87		
10	16QAM	1	0	22.93	23.04	22.88	24.5	1
10	16QAM	1	25	22.90	22.87	22.91		
10	16QAM	1	49	22.83	23.05	22.81		
10	16QAM	25	0	22.08	22.10	22.17	23.5	2
10	16QAM	25	12	21.82	21.91	21.95		
10	16QAM	25	25	21.84	22.00	21.94		
10	16QAM	50	0	22.14	22.28	22.24		
10	64QAM	1	0	21.85	22.09	21.89	23.5	2
10	64QAM	1	25	21.74	22.03	21.92		
10	64QAM	1	49	21.87	22.22	21.77		
10	64QAM	25	0	21.00	21.17	21.23	22.5	3
10	64QAM	25	12	20.94	21.13	21.03		
10	64QAM	25	25	21.07	21.15	21.01		
10	64QAM	50	0	20.99	21.31	21.19		
10	256QAM	1	0	18.96	19.13	18.81	20.5	5
10	256QAM	1	25	18.98	18.96	18.95		
10	256QAM	1	49	18.97	18.82	18.82		
10	256QAM	25	0	19.03	19.14	18.99	20.5	5
10	256QAM	25	12	19.03	19.01	18.99		
10	256QAM	25	25	19.06	19.15	18.91		
10	256QAM	50	0	18.99	19.19	19.13		
Channel				133142	133242	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.18	24.21	24.03	25.5	0
5	QPSK	1	12	24.04	24.13	24.23		
5	QPSK	1	24	24.08	24.04	24.02		
5	QPSK	12	0	23.28	23.43	23.21	24.5	1
5	QPSK	12	7	23.19	23.11	23.17		
5	QPSK	12	13	23.23	23.27	23.18		
5	QPSK	25	0	22.97	23.14	22.89		
5	16QAM	1	0	23.00	22.99	22.94	24.5	1
5	16QAM	1	12	22.95	22.89	22.79		
5	16QAM	1	24	22.74	23.01	22.90		
5	16QAM	12	0	22.00	22.00	22.01	23.5	2
5	16QAM	12	7	21.79	21.92	22.00		
5	16QAM	12	13	21.92	22.02	22.00		
5	16QAM	25	0	22.09	22.40	22.26		
5	64QAM	1	0	21.82	22.10	21.91	23.5	2
5	64QAM	1	12	21.87	22.08	21.92		
5	64QAM	1	24	21.75	22.23	21.77		
5	64QAM	12	0	21.03	21.10	21.23	22.5	3
5	64QAM	12	7	20.85	21.15	20.96		
5	64QAM	12	13	21.07	21.05	21.03		
5	64QAM	25	0	21.05	21.33	21.30		
5	256QAM	1	0	19.02	19.10	18.91	20.5	5
5	256QAM	1	12	18.99	19.03	18.91		
5	256QAM	1	24	18.96	18.82	18.87		
5	256QAM	12	0	19.04	19.02	19.07	20.5	5
5	256QAM	12	7	19.09	19.04	18.92		
5	256QAM	12	13	19.01	19.17	18.87		
5	256QAM	25	0	19.13	19.20	19.14		

GSM1900 EC/4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.12	26.29	26.16	27.50	17.12	17.29	17.16	18.50
GPRS 1 Tx slot	26.11	26.27	26.15	27.50	17.11	17.27	17.15	18.50
GPRS 2 Tx slots	23.40	23.39	23.24	24.50	17.40	17.39	17.24	18.50
GPRS 3 Tx slots	21.45	21.43	21.47	22.70	17.19	17.17	17.21	18.44
GPRS 4 Tx slots	20.11	20.18	20.13	21.50	17.11	17.18	17.13	18.50
EDGE 1 Tx slot	26.03	26.03	26.11	27.50	17.03	17.03	17.11	18.50
EDGE 2 Tx slots	23.54	23.71	23.78	24.50	17.54	17.71	17.78	18.50
EDGE 3 Tx slots	20.87	21.09	21.33	22.70	16.61	16.83	17.07	18.44
EDGE 4 Tx slots	20.11	20.27	20.19	21.50	17.11	17.27	17.19	18.50

WCDMA II EC/4 WCDMA IV EC/4

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.81	17.85	17.74	19.00	17.27	17.30	17.24	18.50
3GPP Rel 99	RMC 12.2Kbps	17.83	17.87	17.85	19.00	17.29	17.32	17.25	18.50
3GPP Rel 6	HSDPA Subtest-1	16.77	17.01	16.95	18.00	16.10	16.37	16.27	17.50
3GPP Rel 6	HSDPA Subtest-2	16.95	16.85	16.49	17.00	16.34	16.19	16.17	17.50
3GPP Rel 6	HSDPA Subtest-3	16.17	16.26	16.40	16.50	15.91	15.72	15.86	17.00
3GPP Rel 6	HSDPA Subtest-4	16.35	16.38	16.38	16.50	15.93	15.85	15.76	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.71	17.02	16.78	18.00	16.22	16.27	16.27	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.83	16.79	16.55	17.00	16.20	16.12	16.03	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.14	16.41	16.37	16.50	15.58	15.89	15.69	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.15	16.15	16.29	16.50	15.62	15.65	15.69	17.00
3GPP Rel 6	HSUPA Subtest-1	16.56	16.45	16.71	18.00	16.08	16.15	16.44	17.50
3GPP Rel 6	HSUPA Subtest-2	15.01	15.03	15.02	16.00	14.51	14.58	14.52	15.50
3GPP Rel 6	HSUPA Subtest-3	15.90	16.00	15.96	17.00	15.36	15.49	15.31	16.50
3GPP Rel 6	HSUPA Subtest-4	15.02	15.08	15.01	16.00	14.51	14.59	14.56	15.50
3GPP Rel 6	HSUPA Subtest-5	16.64	16.72	16.70	18.00	16.12	16.46	16.40	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.39	14.41	14.50	14.50	13.84	13.81	13.66	15.00

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.69	18.85	18.62	19.5	0
20	QPSK	1	49	18.72	18.66	18.64		
20	QPSK	1	99	18.70	18.63	18.63		
20	QPSK	50	0	18.49	18.65	18.61	19.5	0
20	QPSK	50	24	18.59	18.55	18.51		
20	QPSK	50	50	18.43	18.58	18.47		
20	QPSK	100	0	18.41	18.58	18.28		
20	16QAM	1	0	18.46	18.49	18.55	19.5	0
20	16QAM	1	49	18.49	18.42	18.56		
20	16QAM	1	99	18.40	18.44	18.49		
20	16QAM	50	0	18.52	18.53	18.57	19.5	0
20	16QAM	50	24	18.64	18.47	18.62		
20	16QAM	50	50	18.59	18.61	18.54		
20	16QAM	100	0	18.45	18.62	18.58		
20	64QAM	1	0	18.58	18.48	18.57	19.5	0
20	64QAM	1	49	18.57	18.58	18.62		
20	64QAM	1	99	18.61	18.75	18.56		
20	64QAM	50	0	18.57	18.61	18.53	19.5	0
20	64QAM	50	24	18.52	18.61	18.50		
20	64QAM	50	50	18.46	18.72	18.70		
20	64QAM	100	0	18.57	18.69	18.61		
20	256QAM	1	0	18.47	18.66	18.54	19.5	0
20	256QAM	1	49	18.54	18.77	18.51		
20	256QAM	1	99	18.62	18.62	18.59		
20	256QAM	50	0	18.53	18.59	18.63	19.5	0
20	256QAM	50	24	18.54	18.65	18.54		
20	256QAM	50	50	18.57	18.65	18.70		
20	256QAM	100	0	18.52	18.57	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.42	18.21	19.5	0
15	QPSK	1	37	18.34	18.38	18.27		
15	QPSK	1	74	18.30	18.19	18.14		
15	QPSK	36	0	18.13	18.29	18.20	19.5	0
15	QPSK	36	20	18.06	18.19	18.04		
15	QPSK	36	39	18.08	18.22	18.04		
15	QPSK	75	0	18.02	18.08	17.90		
15	16QAM	1	0	17.99	18.10	18.22	19.5	0
15	16QAM	1	37	18.16	18.05	18.12		
15	16QAM	1	74	18.08	18.07	18.13		
15	16QAM	36	0	18.18	18.17	18.16	19.5	0
15	16QAM	36	20	18.23	18.11	18.32		
15	16QAM	36	39	18.19	18.14	18.22		
15	16QAM	75	0	18.11	18.28	18.15		
15	64QAM	1	0	18.09	18.20	18.22	19.5	0
15	64QAM	1	37	18.09	18.13	18.28		
15	64QAM	1	74	18.23	18.24	18.23		
15	64QAM	36	0	18.22	18.28	18.22	19.5	0
15	64QAM	36	20	18.06	18.17	18.19		
15	64QAM	36	39	18.09	18.31	18.23		
15	64QAM	75	0	18.23	18.24	18.25		
15	256QAM	1	0	18.19	18.25	18.21	19.5	0
15	256QAM	1	37	18.03	18.29	18.19		
15	256QAM	1	74	18.29	18.26	18.13		
15	256QAM	36	0	18.23	18.24	18.25	19.5	0
15	256QAM	36	20	18.01	18.24	18.26		
15	256QAM	36	39	18.20	18.17	18.21		
15	256QAM	75	0	18.06	18.19	18.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.16	18.39	18.26	19.5	0
10	QPSK	1	25	18.25	18.27	18.29		
10	QPSK	1	49	18.29	18.19	18.18		
10	QPSK	25	0	18.16	18.31	18.20	19.5	0
10	QPSK	25	12	18.19	18.13	18.07		
10	QPSK	25	25	18.04	18.21	18.04		
10	QPSK	50	0	17.89	18.16	17.90		
10	16QAM	1	0	18.09	18.08	18.12	19.5	0
10	16QAM	1	25	18.05	18.09	18.15		
10	16QAM	1	49	18.07	18.07	18.04		
10	16QAM	25	0	18.11	18.07	18.12	19.5	0
10	16QAM	25	12	18.15	18.12	18.23		
10	16QAM	25	25	18.15	18.16	18.21		
10	16QAM	50	0	18.14	18.33	18.16		
10	64QAM	1	0	18.17	18.22	18.22	19.5	0
10	64QAM	1	25	18.11	18.12	18.25		
10	64QAM	1	49	18.23	18.29	18.17		
10	64QAM	25	0	18.24	18.22	18.15	19.5	0
10	64QAM	25	12	18.17	18.26	18.09		
10	64QAM	25	25	18.11	18.33	18.24		
10	64QAM	50	0	18.16	18.26	18.23		
10	256QAM	1	0	18.19	18.32	18.15	19.5	0
10	256QAM	1	25	18.03	18.26	18.24		
10	256QAM	1	49	18.26	18.15	18.17		
10	256QAM	25	0	18.24	18.29	18.17	19.5	0
10	256QAM	25	12	18.05	18.28	18.27		
10	256QAM	25	25	18.19	18.16	18.23		
10	256QAM	50	0	18.17	18.19	18.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.28	18.35	18.26	19.5	0
5	QPSK	1	12	18.30	18.28	18.35		
5	QPSK	1	24	18.20	18.26	18.23		
5	QPSK	12	0	18.09	18.27	18.08	19.5	0
5	QPSK	12	7	18.12	18.20	18.05		
5	QPSK	12	13	18.07	18.16	18.10		
5	QPSK	25	0	17.96	18.19	17.89		
5	16QAM	1	0	17.97	18.11	18.12	19.5	0
5	16QAM	1	12	18.08	18.09	18.17		
5	16QAM	1	24	18.06	18.02	18.13		
5	16QAM	12	0	18.20	18.05	18.12	19.5	0
5	16QAM	12	7	18.17	18.21	18.23		
5	16QAM	12	13	18.21	18.09	18.20		
5	16QAM	25	0	18.14	18.23	18.24		
5	64QAM	1	0	18.22	18.09	18.29	19.5	0
5	64QAM	1	12	18.06	18.08	18.25		
5	64QAM	1	24	18.25	18.28	18.20		
5	64QAM	12	0	18.13	18.22	18.09	19.5	0
5	64QAM	12	7	18.05	18.17	18.09		
5	64QAM	12	13	18.15	18.21	18.30		
5	64QAM	25	0	18.15	18.21	18.31		
5	256QAM	1	0	18.14	18.25	18.10	19.5	0
5	256QAM	1	12	18.00	18.33	18.14		
5	256QAM	1	24	18.21	18.14	18.19		
5	256QAM	12	0	18.18	18.31	18.19	19.5	0
5	256QAM	12	7	18.03	18.20	18.28		
5	256QAM	12	13	18.20	18.24	18.15		
5	256QAM	25	0	18.10	18.26	18.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.42	18.24	19.5	0
3	QPSK	1	8	18.27	18.37	18.26		
3	QPSK	1	14	18.26	18.22	18.21		
3	QPSK	8	0	18.15	18.24	18.16	19.5	0
3	QPSK	8	4	18.12	18.18	18.08		
3	QPSK	8	7	18.09	18.14	18.07		
3	QPSK	15	0	18.04	18.20	17.88		
3	16QAM	1	0	18.12	18.10	18.23	19.5	0
3	16QAM	1	8	18.12	18.08	18.06		
3	16QAM	1	14	17.97	18.00	18.15		
3	16QAM	8	0	18.23	18.07	18.16	19.5	0
3	16QAM	8	4	18.18	18.11	18.23		
3	16QAM	8	7	18.28	18.19	18.26		
3	16QAM	15	0	18.16	18.28	18.28		
3	64QAM	1	0	18.19	18.18	18.23	19.5	0
3	64QAM	1	8	18.18	18.11	18.21		
3	64QAM	1	14	18.09	18.28	18.12		
3	64QAM	8	0	18.26	18.25	18.11	19.5	0
3	64QAM	8	4	18.16	18.18	18.06		
3	64QAM	8	7	18.11	18.26	18.20		
3	64QAM	15	0	18.15	18.29	18.29		
3	256QAM	1	0	18.18	18.25	18.17	19.5	0
3	256QAM	1	8	18.08	18.34	18.11		
3	256QAM	1	14	18.24	18.13	18.23		
3	256QAM	8	0	18.09	18.20	18.18	19.5	0
3	256QAM	8	4	18.04	18.18	18.22		
3	256QAM	8	7	18.19	18.27	18.31		
3	256QAM	15	0	18.05	18.21	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.32	18.32	18.27	19.5	0
1.4	QPSK	1	3	18.34	18.37	18.21		
1.4	QPSK	1	5	18.26	18.20	18.17		
1.4	QPSK	3	0	18.15	18.24	18.11		
1.4	QPSK	3	1	18.19	18.12	18.03		
1.4	QPSK	3	3	18.04	18.11	18.10		
1.4	QPSK	6	0	17.93	18.05	17.87	19.5	0
1.4	16QAM	1	0	18.04	18.19	18.19	19.5	0
1.4	16QAM	1	3	18.07	17.99	18.16		
1.4	16QAM	1	5	18.04	18.10	18.13		
1.4	16QAM	3	0	18.21	18.08	18.05		
1.4	16QAM	3	1	18.24	18.14	18.18		
1.4	16QAM	3	3	18.15	18.10	18.15		
1.4	16QAM	6	0	18.08	18.21	18.24	19.5	0
1.4	64QAM	1	0	18.21	18.13	18.25	19.5	0
1.4	64QAM	1	3	18.07	18.12	18.26		
1.4	64QAM	1	5	18.20	18.21	18.20		
1.4	64QAM	3	0	18.27	18.19	18.11		
1.4	64QAM	3	1	18.14	18.17	18.18		
1.4	64QAM	3	3	18.05	18.27	18.31		
1.4	64QAM	6	0	18.20	18.18	18.28	19.5	0
1.4	256QAM	1	0	18.17	18.24	18.13	19.5	0
1.4	256QAM	1	3	18.09	18.35	18.12		
1.4	256QAM	1	5	18.20	18.25	18.25		
1.4	256QAM	3	0	18.12	18.32	18.25		
1.4	256QAM	3	1	18.07	18.15	18.25		
1.4	256QAM	3	3	18.17	18.13	18.17		
1.4	256QAM	6	0	18.07	18.25	18.25	19.5	0

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.65	18.79	18.63	19.2	0
20	QPSK	1	49	18.71	18.74	18.64		
20	QPSK	1	99	18.61	18.71	18.66		
20	QPSK	50	0	18.43	18.69	18.60	19.2	0
20	QPSK	50	24	18.58	18.50	18.54		
20	QPSK	50	50	18.54	18.61	18.38		
20	QPSK	100	0	18.42	18.53	18.28		
20	16QAM	1	0	18.46	18.43	18.49	19.2	0
20	16QAM	1	49	18.48	18.52	18.52		
20	16QAM	1	99	18.37	18.43	18.44		
20	16QAM	50	0	18.52	18.46	18.56	19.2	0
20	16QAM	50	24	18.62	18.54	18.65		
20	16QAM	50	50	18.66	18.59	18.55		
20	16QAM	100	0	18.44	18.72	18.52		
20	64QAM	1	0	18.60	18.52	18.63	19.2	0
20	64QAM	1	49	18.57	18.57	18.66		
20	64QAM	1	99	18.48	18.71	18.52		
20	64QAM	50	0	18.59	18.56	18.53	19.2	0
20	64QAM	50	24	18.58	18.58	18.48		
20	64QAM	50	50	18.51	18.61	18.67		
20	64QAM	100	0	18.54	18.65	18.54		
20	256QAM	1	0	18.53	18.70	18.61	19.2	0
20	256QAM	1	49	18.40	18.77	18.57		
20	256QAM	1	99	18.64	18.64	18.64		
20	256QAM	50	0	18.59	18.71	18.49	19.2	0
20	256QAM	50	24	18.42	18.59	18.62		
20	256QAM	50	50	18.54	18.52	18.65		
20	256QAM	100	0	18.47	18.59	18.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.63	18.55	19.2	0
15	QPSK	1	37	18.63	18.60	18.60		
15	QPSK	1	74	18.51	18.59	18.48		
15	QPSK	36	0	18.36	18.55	18.41	19.2	0
15	QPSK	36	20	18.48	18.37	18.43		
15	QPSK	36	39	18.46	18.41	18.27		
15	QPSK	75	0	18.22	18.44	18.18		
15	16QAM	1	0	18.38	18.34	18.48	19.2	0
15	16QAM	1	37	18.32	18.34	18.44		
15	16QAM	1	74	18.30	18.37	18.37		
15	16QAM	36	0	18.51	18.35	18.37	19.2	0
15	16QAM	36	20	18.44	18.43	18.49		
15	16QAM	36	39	18.47	18.45	18.46		
15	16QAM	75	0	18.35	18.58	18.45		
15	64QAM	1	0	18.50	18.46	18.54	19.2	0
15	64QAM	1	37	18.35	18.36	18.49		
15	64QAM	1	74	18.48	18.49	18.46		
15	64QAM	36	0	18.47	18.58	18.48	19.2	0
15	64QAM	36	20	18.35	18.40	18.35		
15	64QAM	36	39	18.36	18.47	18.55		
15	64QAM	75	0	18.41	18.46	18.45		
15	256QAM	1	0	18.44	18.56	18.38	19.2	0
15	256QAM	1	37	18.39	18.67	18.47		
15	256QAM	1	74	18.44	18.43	18.41		
15	256QAM	36	0	18.48	18.53	18.43	19.2	0
15	256QAM	36	20	18.41	18.42	18.53		
15	256QAM	36	39	18.49	18.48	18.58		
15	256QAM	75	0	18.33	18.47	18.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.48	18.68	18.56	19.2	0
10	QPSK	1	25	18.50	18.63	18.63		
10	QPSK	1	49	18.46	18.46	18.54		
10	QPSK	25	0	18.34	18.48	18.35	19.2	0
10	QPSK	25	12	18.35	18.43	18.34		
10	QPSK	25	25	18.42	18.47	18.30		
10	QPSK	50	0	18.22	18.43	18.28		
10	16QAM	1	0	18.33	18.41	18.44	19.2	0
10	16QAM	1	25	18.39	18.38	18.42		
10	16QAM	1	49	18.32	18.39	18.32		
10	16QAM	25	0	18.45	18.45	18.36	19.2	0
10	16QAM	25	12	18.50	18.41	18.52		
10	16QAM	25	25	18.47	18.40	18.48		
10	16QAM	50	0	18.34	18.47	18.52		
10	64QAM	1	0	18.48	18.46	18.44	19.2	0
10	64QAM	1	25	18.34	18.36	18.51		
10	64QAM	1	49	18.51	18.57	18.55		
10	64QAM	25	0	18.55	18.51	18.41	19.2	0
10	64QAM	25	12	18.46	18.40	18.35		
10	64QAM	25	25	18.33	18.56	18.49		
10	64QAM	50	0	18.50	18.56	18.54		
10	256QAM	1	0	18.49	18.57	18.46	19.2	0
10	256QAM	1	25	18.28	18.59	18.41		
10	256QAM	1	49	18.59	18.48	18.51		
10	256QAM	25	0	18.50	18.52	18.48	19.2	0
10	256QAM	25	12	18.37	18.56	18.43		
10	256QAM	25	25	18.43	18.49	18.48		
10	256QAM	50	0	18.43	18.44	18.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.47	18.63	18.58	19.2	0
5	QPSK	1	12	18.56	18.62	18.63		
5	QPSK	1	24	18.47	18.59	18.54		
5	QPSK	12	0	18.36	18.53	18.37	19.2	0
5	QPSK	12	7	18.39	18.37	18.42		
5	QPSK	12	13	18.43	18.43	18.31		
5	QPSK	25	0	18.23	18.35	18.24		
5	16QAM	1	0	18.27	18.35	18.46	19.2	0
5	16QAM	1	12	18.44	18.30	18.33		
5	16QAM	1	24	18.26	18.36	18.32		
5	16QAM	12	0	18.45	18.37	18.43	19.2	0
5	16QAM	12	7	18.51	18.49	18.49		
5	16QAM	12	13	18.42	18.47	18.48		
5	16QAM	25	0	18.33	18.49	18.54		
5	64QAM	1	0	18.48	18.50	18.56	19.2	0
5	64QAM	1	12	18.41	18.49	18.46		
5	64QAM	1	24	18.41	18.55	18.47		
5	64QAM	12	0	18.43	18.44	18.43	19.2	0
5	64QAM	12	7	18.42	18.48	18.38		
5	64QAM	12	13	18.41	18.47	18.56		
5	64QAM	25	0	18.48	18.46	18.44		
5	256QAM	1	0	18.38	18.51	18.48	19.2	0
5	256QAM	1	12	18.34	18.70	18.50		
5	256QAM	1	24	18.50	18.43	18.50		
5	256QAM	12	0	18.39	18.63	18.46	19.2	0
5	256QAM	12	7	18.39	18.50	18.55		
5	256QAM	12	13	18.48	18.41	18.52		
5	256QAM	25	0	18.43	18.55	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.44	18.63	18.63	19.2	0
3	QPSK	1	8	18.62	18.60	18.60		
3	QPSK	1	14	18.57	18.60	18.43		
3	QPSK	8	0	18.43	18.55	18.48	19.2	0
3	QPSK	8	4	18.43	18.45	18.38		
3	QPSK	8	7	18.41	18.49	18.39		
3	QPSK	15	0	18.29	18.35	18.19		
3	16QAM	1	0	18.31	18.32	18.49	19.2	0
3	16QAM	1	8	18.39	18.38	18.39		
3	16QAM	1	14	18.41	18.28	18.38		
3	16QAM	8	0	18.40	18.39	18.38	19.2	0
3	16QAM	8	4	18.50	18.38	18.51		
3	16QAM	8	7	18.54	18.49	18.52		
3	16QAM	15	0	18.30	18.61	18.43		
3	64QAM	1	0	18.44	18.40	18.58	19.2	0
3	64QAM	1	8	18.47	18.36	18.45		
3	64QAM	1	14	18.49	18.55	18.46		
3	64QAM	8	0	18.51	18.52	18.41	19.2	0
3	64QAM	8	4	18.45	18.44	18.36		
3	64QAM	8	7	18.39	18.61	18.54		
3	64QAM	15	0	18.44	18.46	18.59		
3	256QAM	1	0	18.44	18.60	18.52	19.2	0
3	256QAM	1	8	18.28	18.57	18.37		
3	256QAM	1	14	18.44	18.42	18.46		
3	256QAM	8	0	18.43	18.60	18.48	19.2	0
3	256QAM	8	4	18.34	18.49	18.46		
3	256QAM	8	7	18.46	18.44	18.58		
3	256QAM	15	0	18.35	18.50	18.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.52	18.64	18.61	19.2	0
1.4	QPSK	1	3	18.64	18.55	18.61		
1.4	QPSK	1	5	18.43	18.58	18.44		
1.4	QPSK	3	0	18.30	18.64	18.47		
1.4	QPSK	3	1	18.40	18.46	18.44		
1.4	QPSK	3	3	18.40	18.48	18.37		
1.4	QPSK	6	0	18.17	18.42	18.26	19.2	0
1.4	16QAM	1	0	18.34	18.34	18.37	19.2	0
1.4	16QAM	1	3	18.43	18.32	18.48		
1.4	16QAM	1	5	18.31	18.27	18.33		
1.4	16QAM	3	0	18.51	18.33	18.38		
1.4	16QAM	3	1	18.41	18.39	18.59		
1.4	16QAM	3	3	18.52	18.50	18.54		
1.4	16QAM	6	0	18.41	18.58	18.53	19.2	0
1.4	64QAM	1	0	18.43	18.37	18.51	19.2	0
1.4	64QAM	1	3	18.41	18.40	18.44		
1.4	64QAM	1	5	18.41	18.49	18.44		
1.4	64QAM	3	0	18.43	18.48	18.46		
1.4	64QAM	3	1	18.37	18.43	18.41		
1.4	64QAM	3	3	18.34	18.54	18.63		
1.4	64QAM	6	0	18.50	18.46	18.47	19.2	0
1.4	256QAM	1	0	18.49	18.56	18.38	19.2	0
1.4	256QAM	1	3	18.38	18.65	18.47		
1.4	256QAM	1	5	18.59	18.44	18.39		
1.4	256QAM	3	0	18.37	18.52	18.44		
1.4	256QAM	3	1	18.37	18.49	18.42		
1.4	256QAM	3	3	18.40	18.54	18.44		
1.4	256QAM	6	0	18.34	18.52	18.54	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	18.28	18.49	18.38	19.2	0
20	QPSK	1	49	18.37	18.43	18.35		
20	QPSK	1	99	18.26	18.40	18.23		
20	QPSK	50	0	18.14	18.40	18.24	19.2	0
20	QPSK	50	24	18.19	18.31	18.27		
20	QPSK	50	50	18.18	18.27	18.09		
20	QPSK	100	0	18.09	18.16	18.00		
20	16QAM	1	0	18.08	18.16	18.18	19.2	0
20	16QAM	1	49	18.24	18.07	18.16		
20	16QAM	1	99	18.08	18.14	18.19		
20	16QAM	50	0	18.21	18.26	18.19	19.2	0
20	16QAM	50	24	18.36	18.23	18.35		
20	16QAM	50	50	18.38	18.18	18.30		
20	16QAM	100	0	18.16	18.29	18.30		
20	64QAM	1	0	18.26	18.24	18.29	19.2	0
20	64QAM	1	49	18.28	18.22	18.25		
20	64QAM	1	99	18.22	18.33	18.35		
20	64QAM	50	0	18.35	18.38	18.30	19.2	0
20	64QAM	50	24	18.25	18.23	18.20		
20	64QAM	50	50	18.25	18.43	18.44		
20	64QAM	100	0	18.26	18.25	18.28		
20	256QAM	1	0	18.22	18.40	18.19	19.2	0
20	256QAM	1	49	18.13	18.43	18.32		
20	256QAM	1	99	18.26	18.35	18.21		
20	256QAM	50	0	18.24	18.37	18.33	19.2	0
20	256QAM	50	24	18.15	18.33	18.24		
20	256QAM	50	50	18.25	18.35	18.37		
20	256QAM	100	0	18.24	18.29	18.32		
Channel				75	0	-75	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				7.5	0	-7.5		
15	QPSK	1	0	18.24	18.44	18.27	19.2	0
15	QPSK	1	37	18.30	18.35	18.24		
15	QPSK	1	74	18.16	18.19	18.16		
15	QPSK	36	0	18.08	18.22	18.22	19.2	0
15	QPSK	36	20	18.09	18.14	18.05		
15	QPSK	36	39	18.11	18.10	18.04		
15	QPSK	75	0	18.00	18.07	17.89		
15	16QAM	1	0	17.98	18.03	18.16	19.2	0
15	16QAM	1	37	18.11	17.98	18.14		
15	16QAM	1	74	18.04	18.05	18.15		
15	16QAM	36	0	18.10	18.08	18.09	19.2	0
15	16QAM	36	20	18.19	18.20	18.18		
15	16QAM	36	39	18.21	18.22	18.16		
15	16QAM	75	0	18.11	18.34	18.22		
15	64QAM	1	0	18.14	18.13	18.16	19.2	0
15	64QAM	1	37	18.08	18.05	18.16		
15	64QAM	1	74	18.14	18.35	18.16		
15	64QAM	36	0	18.18	18.23	18.22	19.2	0
15	64QAM	36	20	18.03	18.20	18.09		
15	64QAM	36	39	18.04	18.20	18.24		
15	64QAM	75	0	18.22	18.13	18.26		
15	256QAM	1	0	18.10	18.25	18.23	19.2	0
15	256QAM	1	37	18.13	18.26	18.18		
15	256QAM	1	74	18.30	18.14	18.12		
15	256QAM	36	0	18.18	18.29	18.26	19.2	0
15	256QAM	36	20	18.04	18.18	18.14		
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.18	18.14	18.13		
Channel				50	0	-50	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	18.30	18.40	18.24	19.2	0
10	QPSK	1	25	18.25	18.25	18.27		
10	QPSK	1	49	18.18	18.18	18.22		
10	QPSK	25	0	18.05	18.28	18.21	19.2	0
10	QPSK	25	12	18.06	18.17	18.15		
10	QPSK	25	25	18.11	18.14	18.08		
10	QPSK	50	0	17.97	18.08	18.00		
10	16QAM	1	0	18.05	18.08	18.11	19.2	0
10	16QAM	1	25	18.05	18.07	18.12		
10	16QAM	1	49	17.97	18.07	18.04		
10	16QAM	25	0	18.09	18.09	18.13	19.2	0
10	16QAM	25	12	18.16	18.17	18.24		
10	16QAM	25	25	18.18	18.07	18.13		
10	16QAM	50	0	18.02	18.21	18.22		
10	64QAM	1	0	18.16	18.21	18.19	19.2	0
10	64QAM	1	25	18.07	18.16	18.27		
10	64QAM	1	49	18.23	18.35	18.16		
10	64QAM	25	0	18.17	18.16	18.12	19.2	0
10	64QAM	25	12	18.10	18.14	18.03		
10	64QAM	25	25	18.06	18.23	18.22		
10	64QAM	50	0	18.24	18.23	18.27		
10	256QAM	1	0	18.14	18.28	18.14	19.2	0
10	256QAM	1	25	18.03	18.27	18.16		
10	256QAM	1	49	18.19	18.24	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.2	0
10	256QAM	25	12	18.13	18.27	18.26		
10	256QAM	25	25	18.15	18.24	18.27		
10	256QAM	50	0	18.06	18.21	18.21		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	18.29	18.35	18.33	19.2	0
5	QPSK	1	12	18.34	18.35	18.20		
5	QPSK	1	24	18.29	18.17	18.22		
5	QPSK	12	0	18.10	18.32	18.15	19.2	0
5	QPSK	12	7	18.15	18.08	18.16		
5	QPSK	12	13	18.04	18.12	18.02		
5	QPSK	25	0	17.93	18.14	17.90		
5	16QAM	1	0	17.98	18.07	18.23	19.2	0
5	16QAM	1	12	18.15	18.13	18.11		
5	16QAM	1	24	17.96	17.99	18.07		
5	16QAM	12	0	18.17	18.10	18.10	19.2	0
5	16QAM	12	7	18.22	18.18	18.31		
5	16QAM	12	13	18.23	18.07	18.11		
5	16QAM	25	0	18.06	18.24	18.20		
5	64QAM	1	0	18.19	18.12	18.26	19.2	0
5	64QAM	1	12	18.13	18.06	18.28		
5	64QAM	1	24	18.18	18.29	18.19		
5	64QAM	12	0	18.12	18.26	18.09	19.2	0
5	64QAM	12	7	18.10	18.22	18.05		
5	64QAM	12	13	18.07	18.30	18.23		
5	64QAM	25	0	18.25	18.18	18.23		
5	256QAM	1	0	18.14	18.27	18.14	19.2	0
5	256QAM	1	12	18.13	18.37	18.09		
5	256QAM	1	24	18.27	18.16	18.15		
5	256QAM	12	0	18.09	18.20	18.19	19.2	0
5	256QAM	12	7	18.07	18.20	18.13		
5	256QAM	12	13	18.07	18.16	18.20		
5	256QAM	25	0	18.18	18.15	18.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.48	18.66	18.56		
20	QPSK	1	49	18.52	18.59	18.56	19.5	0
20	QPSK	1	99	18.47	18.44	18.50		
20	QPSK	50	0	18.30	18.57	18.44		
20	QPSK	50	24	18.42	18.42	18.29	19.5	0
20	QPSK	50	50	18.35	18.33	18.34		
20	QPSK	100	0	18.25	18.42	18.18		
20	16QAM	1	0	18.37	18.29	18.44		
20	16QAM	1	49	18.26	18.35	18.38	19.5	0
20	16QAM	1	99	18.35	18.24	18.33		
20	16QAM	50	0	18.46	18.42	18.37		
20	16QAM	50	24	18.46	18.33	18.54	19.5	0
20	16QAM	50	50	18.37	18.42	18.41		
20	16QAM	100	0	18.37	18.54	18.46		
20	64QAM	1	0	18.37	18.42	18.42		
20	64QAM	1	49	18.43	18.45	18.46	19.5	0
20	64QAM	1	99	18.44	18.56	18.48		
20	64QAM	50	0	18.40	18.45	18.33		
20	64QAM	50	24	18.43	18.49	18.28	19.5	0
20	64QAM	50	50	18.31	18.46	18.60		
20	64QAM	100	0	18.43	18.47	18.51		
20	256QAM	1	0	18.35	18.48	18.33		
20	256QAM	1	49	18.23	18.56	18.40	19.5	0
20	256QAM	1	99	18.53	18.38	18.49		
20	256QAM	50	0	18.34	18.51	18.41		
20	256QAM	50	24	18.23	18.49	18.50	19.5	0
20	256QAM	50	50	18.44	18.41	18.53		
20	256QAM	100	0	18.42	18.51	18.46		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.36	18.48	18.44		
15	QPSK	1	37	18.37	18.44	18.36	19.5	0
15	QPSK	1	74	18.39	18.46	18.27		
15	QPSK	36	0	18.32	18.35	18.26		
15	QPSK	36	20	18.24	18.26	18.21	19.5	0
15	QPSK	36	39	18.27	18.38	18.20		
15	QPSK	75	0	18.14	18.27	18.13		
15	16QAM	1	0	18.13	18.29	18.31		
15	16QAM	1	37	18.23	18.13	18.20	19.5	0
15	16QAM	1	74	18.22	18.19	18.16		
15	16QAM	36	0	18.38	18.31	18.32		
15	16QAM	36	20	18.29	18.25	18.47	19.5	0
15	16QAM	36	39	18.32	18.32	18.41		
15	16QAM	75	0	18.16	18.40	18.30		
15	64QAM	1	0	18.25	18.36	18.32		
15	64QAM	1	37	18.33	18.25	18.30	19.5	0
15	64QAM	1	74	18.39	18.45	18.27		
15	64QAM	36	0	18.32	18.33	18.23		
15	64QAM	36	20	18.33	18.37	18.21	19.5	0
15	64QAM	36	39	18.18	18.34	18.36		
15	64QAM	75	0	18.25	18.37	18.42		
15	256QAM	1	0	18.23	18.39	18.37		
15	256QAM	1	37	18.13	18.41	18.35	19.5	0
15	256QAM	1	74	18.34	18.43	18.26		
15	256QAM	36	0	18.28	18.49	18.32		
15	256QAM	36	20	18.14	18.41	18.33	19.5	0
15	256QAM	36	39	18.34	18.37	18.38		
15	256QAM	75	0	18.23	18.28	18.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.40	18.47	18.37		
10	QPSK	1	25	18.46	18.50	18.37	19.5	0
10	QPSK	1	49	18.43	18.42	18.29		
10	QPSK	25	0	18.16	18.38	18.34		
10	QPSK	25	12	18.29	18.29	18.31	19.5	0
10	QPSK	25	25	18.25	18.30	18.29		
10	QPSK	50	0	18.10	18.22	18.15		
10	16QAM	1	0	18.14	18.29	18.33		
10	16QAM	1	25	18.22	18.21	18.32	19.5	0
10	16QAM	1	49	18.14	18.20	18.20		
10	16QAM	25	0	18.31	18.25	18.22		
10	16QAM	25	12	18.40	18.27	18.43	19.5	0
10	16QAM	25	25	18.41	18.23	18.39		
10	16QAM	50	0	18.27	18.36	18.35		
10	64QAM	1	0	18.31	18.24	18.35		
10	64QAM	1	25	18.19	18.27	18.38	19.5	0
10	64QAM	1	49	18.37	18.49	18.34		
10	64QAM	25	0	18.38	18.35	18.33		
10	64QAM	25	12	18.31	18.29	18.20	19.5	0
10	64QAM	25	25	18.30	18.35	18.45		
10	64QAM	50	0	18.36	18.36	18.33		
10	256QAM	1	0	18.34	18.44	18.27		
10	256QAM	1	25	18.28	18.47	18.37	19.5	0
10	256QAM	1	49	18.32	18.37	18.34		
10	256QAM	25	0	18.27	18.39	18.31		
10	256QAM	25	12	18.27	18.40	18.29	19.5	0
10	256QAM	25	25	18.21	18.36	18.43		
10	256QAM	50	0	18.21	18.38	18.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.33	18.44	18.47		
5	QPSK	1	12	18.49	18.41	18.40	19.5	0
5	QPSK	1	24	18.30	18.40	18.43		
5	QPSK	12	0	18.28	18.47	18.37		
5	QPSK	12	7	18.28	18.33	18.17	19.5	0
5	QPSK	12	13	18.22	18.31	18.14		
5	QPSK	25	0	18.07	18.32	18.15		
5	16QAM	1	0	18.22	18.23	18.28		
5	16QAM	1	12	18.26	18.23	18.29	19.5	0
5	16QAM	1	24	18.22	18.17	18.15		
5	16QAM	12	0	18.31	18.22	18.19		
5	16QAM	12	7	18.28	18.33	18.33	19.5	0
5	16QAM	12	13	18.32	18.29	18.38		
5	16QAM	25	0	18.30	18.43	18.41		
5	64QAM	1	0	18.23	18.28	18.40		
5	64QAM	1	12	18.27	18.33	18.32	19.5	0
5	64QAM	1	24	18.32	18.48	18.27		
5	64QAM	12	0	18.39	18.39	18.29		
5	64QAM	12	7	18.26	18.27	18.30	19.5	0
5	64QAM	12	13	18.21	18.44	18.48		
5	64QAM	25	0	18.33	18.32	18.32		
5	256QAM	1	0	18.31	18.43	18.33		
5	256QAM	1	12	18.18	18.50	18.29	19.5	0
5	256QAM	1	24	18.32	18.31	18.40		
5	256QAM	12	0	18.27	18.45	18.36		
5	256QAM	12	7	18.22	18.37	18.26	19.5	0
5	256QAM	12	13	18.20	18.28	18.30		
5	256QAM	25	0	18.25	18.29	18.38		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.43	18.50	18.46		
3	QPSK	1	8	18.45	18.38	18.38	19.5	0
3	QPSK	1	14	18.31	18.33	18.43		
3	QPSK	8	0	18.25	18.36	18.34		
3	QPSK	8	4	18.25	18.27	18.23	19.5	0
3	QPSK	8	7	18.29	18.37	18.17		
3	QPSK	15	0	18.04	18.26	18.13		
3	16QAM	1	0	18.19	18.22	18.32		
3	16QAM	1	8	18.16	18.19	18.26	19.5	0
3	16QAM	1	14	18.23	18.12	18.20		
3	16QAM	8	0	18.35	18.19	18.28		
3	16QAM	8	4	18.41	18.28	18.38	19.5	0
3	16QAM	8	7	18.41	18.21	18.26		
3	16QAM	15	0	18.17	18.43	18.30		
3	64QAM	1	0	18.21	18.30	18.37		
3	64QAM	1	8	18.20	18.33	18.40	19.5	0
3	64QAM	1	14	18.32	18.37	18.32		
3	64QAM	8	0	18.34	18.37	18.30		
3	64QAM	8	4	18.33	18.26	18.25	19.5	0
3	64QAM	8	7	18.29	18.42	18.45		
3	64QAM	15	0	18.25	18.41	18.37		
3	256QAM	1	0	18.33	18.49	18.29		
3	256QAM	1	8	18.29	18.45	18.31	19.5	0
3	256QAM	1	14	18.36	18.31	18.37		
3	256QAM	8	0	18.28	18.45	18.39		
3	256QAM	8	4	18.23	18.35	18.39	19.5	0
3	256QAM	8	7	18.27	18.26	18.41		
3	256QAM	15	0	18.32	18.39	18.38		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.46	18.47	18.46		
1.4	QPSK	1	3	18.43	18.53	18.47		
1.4	QPSK	1	5	18.32	18.36	18.33	19.5	0
1.4	QPSK	3	0	18.31	18.36	18.35		
1.4	QPSK	3	1	18.23	18.23	18.21		
1.4	QPSK	3	3	18.25	18.29	18.25		
1.4	QPSK	6	0	18.10	18.28	18.03	19.5	0
1.4	16QAM	1	0	18.16	18.25	18.38		
1.4	16QAM	1	3	18.15	18.27	18.23		
1.4	16QAM	1	5	18.19	18.20	18.21	19.5	0
1.4	16QAM	3	0	18.28	18.24	18.33		
1.4	16QAM	3	1	18.31	18.22	18.41		
1.4	16QAM	3	3	18.32	18.34	18.36		
1.4	16QAM	6	0	18.30	18.34	18.29	19.5	0
1.4	64QAM	1	0	18.36	18.34	18.44		
1.4	64QAM	1	3	18.19	18.33	18.32		
1.4	64QAM	1	5	18.37	18.43	18.38	19.5	0
1.4	64QAM	3	0	18.40	18.34	18.22		
1.4	64QAM	3	1	18.28	18.31	18.17		
1.4	64QAM	3	3	18.26	18.42	18.40		
1.4	64QAM	6	0	18.30	18.33	18.44	19.5	0
1.4	256QAM	1	0	18.23	18.48	18.22		
1.4	256QAM	1	3	18.16	18.44	18.27		
1.4	256QAM	1	5	18.33	18.29	18.41	19.5	0
1.4	256QAM	3	0	18.31	18.37	18.37		
1.4	256QAM	3	1	18.18	18.31	18.27		
1.4	256QAM	3	3	18.25	18.32	18.36		
1.4	256QAM	6	0	18.23	18.31	18.26	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.49	18.59	18.48		
20	QPSK	1	49	18.42	18.51	18.52	19.2	0
20	QPSK	1	99	18.48	18.37	18.34		
20	QPSK	50	0	18.26	18.53	18.34		
20	QPSK	50	24	18.27	18.26	18.23	19.2	0
20	QPSK	50	50	18.34	18.40	18.24		
20	QPSK	100	0	18.08	18.26	18.05		
20	16QAM	1	0	18.24	18.32	18.31		
20	16QAM	1	49	18.32	18.18	18.34	19.2	0
20	16QAM	1	99	18.19	18.15	18.29		
20	16QAM	50	0	18.43	18.26	18.22		
20	16QAM	50	24	18.42	18.40	18.44	19.2	0
20	16QAM	50	50	18.41	18.28	18.43		
20	16QAM	100	0	18.34	18.48	18.33		
20	64QAM	1	0	18.32	18.28	18.44		
20	64QAM	1	49	18.34	18.25	18.45	19.2	0
20	64QAM	1	99	18.38	18.41	18.43		
20	64QAM	50	0	18.32	18.41	18.40		
20	64QAM	50	24	18.32	18.41	18.34	19.2	0
20	64QAM	50	50	18.31	18.41	18.51		
20	64QAM	100	0	18.43	18.38	18.39		
20	256QAM	1	0	18.26	18.48	18.35		
20	256QAM	1	49	18.31	18.56	18.36	19.2	0
20	256QAM	1	99	18.38	18.41	18.44		
20	256QAM	50	0	18.29	18.47	18.38		
20	256QAM	50	24	18.18	18.32	18.41	19.2	0
20	256QAM	50	50	18.28	18.37	18.43		
20	256QAM	100	0	18.35	18.39	18.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.31	18.50	18.43		
15	QPSK	1	37	18.33	18.33	18.38	19.2	0
15	QPSK	1	74	18.39	18.41	18.21		
15	QPSK	36	0	18.12	18.43	18.24		
15	QPSK	36	20	18.22	18.20	18.25	19.2	0
15	QPSK	36	39	18.20	18.31	18.17		
15	QPSK	75	0	17.98	18.25	17.95		
15	16QAM	1	0	18.20	18.14	18.29		
15	16QAM	1	37	18.14	18.15	18.22	19.2	0
15	16QAM	1	74	18.18	18.11	18.11		
15	16QAM	36	0	18.31	18.24	18.20		
15	16QAM	36	20	18.34	18.18	18.26	19.2	0
15	16QAM	36	39	18.24	18.18	18.24		
15	16QAM	75	0	18.22	18.36	18.29		
15	64QAM	1	0	18.17	18.25	18.38		
15	64QAM	1	37	18.22	18.24	18.38	19.2	0
15	64QAM	1	74	18.26	18.42	18.30		
15	64QAM	36	0	18.20	18.32	18.25		
15	64QAM	36	20	18.21	18.26	18.19	19.2	0
15	64QAM	36	39	18.16	18.32	18.39		
15	64QAM	75	0	18.32	18.23	18.33		
15	256QAM	1	0	18.17	18.38	18.21		
15	256QAM	1	37	18.20	18.47	18.24	19.2	0
15	256QAM	1	74	18.30	18.31	18.33		
15	256QAM	36	0	18.27	18.41	18.23		
15	256QAM	36	20	18.12	18.23	18.25	19.2	0
15	256QAM	36	39	18.29	18.38	18.38		
15	256QAM	75	0	18.16	18.28	18.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.20	18.43	18.29		
10	QPSK	1	25	18.42	18.32	18.36	19.2	0
10	QPSK	1	49	18.34	18.31	18.26		
10	QPSK	25	0	18.22	18.39	18.29		
10	QPSK	25	12	18.19	18.27	18.14	19.2	0
10	QPSK	25	25	18.20	18.26	18.22		
10	QPSK	50	0	18.10	18.15	18.07		
10	16QAM	1	0	18.06	18.13	18.24		
10	16QAM	1	25	18.23	18.08	18.18	19.2	0
10	16QAM	1	49	18.10	18.16	18.11		
10	16QAM	25	0	18.30	18.25	18.21		
10	16QAM	25	12	18.34	18.21	18.32	19.2	0
10	16QAM	25	25	18.31	18.19	18.33		
10	16QAM	50	0	18.16	18.40	18.33		
10	64QAM	1	0	18.29	18.28	18.33		
10	64QAM	1	25	18.18	18.30	18.33	19.2	0
10	64QAM	1	49	18.25	18.34	18.26		
10	64QAM	25	0	18.21	18.26	18.26		
10	64QAM	25	12	18.15	18.21	18.14	19.2	0
10	64QAM	25	25	18.19	18.33	18.33		
10	64QAM	50	0	18.19	18.24	18.38		
10	256QAM	1	0	18.16	18.44	18.23		
10	256QAM	1	25	18.15	18.47	18.25	19.2	0
10	256QAM	1	49	18.36	18.31	18.19		
10	256QAM	25	0	18.25	18.43	18.25		
10	256QAM	25	12	18.14	18.34	18.31	19.2	0
10	256QAM	25	25	18.23	18.22	18.39		
10	256QAM	50	0	18.24	18.31	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.40	18.28		
5	QPSK	1	12	18.29	18.44	18.35	19.2	0
5	QPSK	1	24	18.37	18.37	18.26		
5	QPSK	12	0	18.11	18.38	18.20		
5	QPSK	12	7	18.14	18.24	18.16	19.2	0
5	QPSK	12	13	18.17	18.24	18.14		
5	QPSK	25	0	18.07	18.23	17.98		
5	16QAM	1	0	18.13	18.27	18.23		
5	16QAM	1	12	18.09	18.15	18.28	19.2	0
5	16QAM	1	24	18.18	18.16	18.22		
5	16QAM	12	0	18.33	18.27	18.13		
5	16QAM	12	7	18.31	18.16	18.36	19.2	0
5	16QAM	12	13	18.23	18.20	18.24		
5	16QAM	25	0	18.24	18.38	18.31		
5	64QAM	1	0	18.22	18.15	18.38		
5	64QAM	1	12	18.19	18.19	18.30	19.2	0
5	64QAM	1	24	18.33	18.38	18.26		
5	64QAM	12	0	18.24	18.30	18.25		
5	64QAM	12	7	18.26	18.26	18.17	19.2	0
5	64QAM	12	13	18.11	18.36	18.34		
5	64QAM	25	0	18.25	18.24	18.37		
5	256QAM	1	0	18.24	18.33	18.27		
5	256QAM	1	12	18.13	18.50	18.20	19.2	0
5	256QAM	1	24	18.29	18.36	18.23		
5	256QAM	12	0	18.22	18.28	18.33		
5	256QAM	12	7	18.17	18.34	18.22	19.2	0
5	256QAM	12	13	18.24	18.20	18.33		
5	256QAM	25	0	18.24	18.29	18.22		
Channel				131847	132322	132797	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.37	18.52	18.39		
3	QPSK	1	8	18.36	18.38	18.35	19.2	0
3	QPSK	1	14	18.32	18.31	18.24		
3	QPSK	8	0	18.26	18.44	18.30		
3	QPSK	8	4	18.27	18.17	18.19	19.2	0
3	QPSK	8	7	18.22	18.31	18.08		
3	QPSK	15	0	18.02	18.17	17.95		
3	16QAM	1	0	18.17	18.19	18.28		
3	16QAM	1	8	18.16	18.18	18.16	19.2	0
3	16QAM	1	14	18.15	18.09	18.11		
3	16QAM	8	0	18.19	18.20	18.22		
3	16QAM	8	4	18.29	18.29	18.32	19.2	0
3	16QAM	8	7	18.28	18.19	18.22		
3	16QAM	15	0	18.15	18.32	18.25		
3	64QAM	1	0	18.30	18.22	18.25		
3	64QAM	1	8	18.17	18.23	18.30	19.2	0
3	64QAM	1	14	18.19	18.30	18.35		
3	64QAM	8	0	18.30	18.27	18.30		
3	64QAM	8	4	18.22	18.27	18.18	19.2	0
3	64QAM	8	7	18.22	18.35	18.30		
3	64QAM	15	0	18.26	18.36	18.33		
3	256QAM	1	0	18.28	18.36	18.30		
3	256QAM	1	8	18.12	18.41	18.34	19.2	0
3	256QAM	1	14	18.26	18.25	18.27		
3	256QAM	8	0	18.30	18.38	18.34		
3	256QAM	8	4	18.12	18.22	18.31	19.2	0
3	256QAM	8	7	18.21	18.31	18.29		
3	256QAM	15	0	18.15	18.27	18.26		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.40	18.44	18.32		
1.4	QPSK	1	3	18.38	18.32	18.32		
1.4	QPSK	1	5	18.26	18.41	18.32	19.2	0
1.4	QPSK	3	0	18.24	18.32	18.19		
1.4	QPSK	3	1	18.14	18.24	18.15		
1.4	QPSK	3	3	18.19	18.21	18.12		
1.4	QPSK	6	0	18.01	18.15	18.04	19.2	0
1.4	16QAM	1	0	18.14	18.18	18.28		
1.4	16QAM	1	3	18.11	18.14	18.16		
1.4	16QAM	1	5	18.06	18.09	18.20	19.2	0
1.4	16QAM	3	0	18.18	18.15	18.27		
1.4	16QAM	3	1	18.28	18.23	18.32		
1.4	16QAM	3	3	18.32	18.16	18.22		
1.4	16QAM	6	0	18.10	18.40	18.32	19.2	0
1.4	64QAM	1	0	18.17	18.31	18.35		
1.4	64QAM	1	3	18.16	18.17	18.37		
1.4	64QAM	1	5	18.29	18.35	18.25	19.2	0
1.4	64QAM	3	0	18.31	18.39	18.17		
1.4	64QAM	3	1	18.23	18.33	18.16		
1.4	64QAM	3	3	18.12	18.28	18.40		
1.4	64QAM	6	0	18.32	18.24	18.33	19.2	0
1.4	256QAM	1	0	18.19	18.29	18.17		
1.4	256QAM	1	3	18.10	18.40	18.30		
1.4	256QAM	1	5	18.29	18.29	18.23	19.2	0
1.4	256QAM	3	0	18.23	18.34	18.25		
1.4	256QAM	3	1	18.08	18.37	18.34		
1.4	256QAM	3	3	18.23	18.20	18.35		
1.4	256QAM	6	0	18.28	18.27	18.31	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.90	21.09	21.00	21.7	0
20	QPSK	1	49	20.99	21.07	20.94		
20	QPSK	1	99	20.92	20.93	20.96		
20	QPSK	50	0	20.74	20.99	20.75		
20	QPSK	50	24	20.84	20.90	20.73	21.7	0
20	QPSK	50	50	20.84	20.81	20.70		
20	QPSK	100	0	20.57	20.77	20.59		
20	16QAM	1	0	20.77	20.83	20.89		
20	16QAM	1	49	20.80	20.79	20.84	21.7	0
20	16QAM	1	99	20.69	20.76	20.68		
20	16QAM	50	0	20.90	20.88	20.80		
20	16QAM	50	24	20.91	20.82	21.01	21.7	0
20	16QAM	50	50	20.91	20.84	20.91		
20	16QAM	100	0	20.70	20.94	20.95		
20	64QAM	1	0	20.84	20.80	20.92		
20	64QAM	1	49	20.88	20.88	20.97	21.7	0
20	64QAM	1	99	20.90	21.04	20.89		
20	64QAM	50	0	20.84	20.94	20.91		
20	64QAM	50	24	20.76	20.81	20.84	21.7	0
20	64QAM	50	50	20.78	20.96	21.04		
20	64QAM	100	0	20.89	20.83	20.85		
20	256QAM	1	0	20.32	20.53	20.28		
20	256QAM	1	49	20.26	20.32	20.21	20.7	1
20	256QAM	1	99	20.24	20.29	20.22		
20	256QAM	50	0	20.45	20.39	20.36		
20	256QAM	50	24	20.44	20.45	20.30	20.7	1
20	256QAM	50	50	20.35	20.48	20.35		
20	256QAM	100	0	20.46	20.55	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.61	20.69	20.65	21.7	0
15	QPSK	1	37	20.57	20.60	20.63		
15	QPSK	1	74	20.48	20.55	20.43		
15	QPSK	36	0	20.42	20.65	20.46		
15	QPSK	36	20	20.35	20.51	20.44	21.7	0
15	QPSK	36	39	20.41	20.54	20.42		
15	QPSK	75	0	20.26	20.38	20.24		
15	16QAM	1	0	20.41	20.39	20.47		
15	16QAM	1	37	20.41	20.34	20.35	21.7	0
15	16QAM	1	74	20.33	20.29	20.37		
15	16QAM	36	0	20.46	20.46	20.41		
15	16QAM	36	20	20.52	20.42	20.58	21.7	0
15	16QAM	36	39	20.47	20.50	20.46		
15	16QAM	75	0	20.45	20.58	20.58		
15	64QAM	1	0	20.40	20.51	20.56		
15	64QAM	1	37	20.49	20.40	20.47	21.7	0
15	64QAM	1	74	20.50	20.62	20.50		
15	64QAM	36	0	20.49	20.53	20.42		
15	64QAM	36	20	20.42	20.43	20.43	21.7	0
15	64QAM	36	39	20.36	20.62	20.52		
15	64QAM	75	0	20.53	20.53	20.55		
15	256QAM	1	0	19.92	20.19	19.95		
15	256QAM	1	37	19.90	19.97	19.75	20.7	1
15	256QAM	1	74	19.93	19.98	19.78		
15	256QAM	36	0	20.06	20.09	19.99		
15	256QAM	36	20	20.08	20.08	19.85	20.7	1
15	256QAM	36	39	19.95	20.16	19.92		
15	256QAM	75	0	20.14	20.23	20.06		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.53	20.64	20.58	21.7	0
10	QPSK	1	25	20.52	20.63	20.59		
10	QPSK	1	49	20.55	20.50	20.57		
10	QPSK	25	0	20.40	20.66	20.44		
10	QPSK	25	12	20.47	20.43	20.45	21.7	0
10	QPSK	25	25	20.35	20.40	20.40		
10	QPSK	50	0	20.26	20.43	20.17		
10	16QAM	1	0	20.30	20.37	20.51		
10	16QAM	1	25	20.39	20.32	20.50	21.7	0
10	16QAM	1	49	20.33	20.42	20.39		
10	16QAM	25	0	20.41	20.48	20.46		
10	16QAM	25	12	20.54	20.48	20.60	21.7	0
10	16QAM	25	25	20.57	20.39	20.55		
10	16QAM	50	0	20.37	20.57	20.59		
10	64QAM	1	0	20.42	20.40	20.48		
10	64QAM	1	25	20.35	20.52	20.47	21.7	0
10	64QAM	1	49	20.43	20.63	20.49		
10	64QAM	25	0	20.47	20.47	20.38		
10	64QAM	25	12	20.36	20.43	20.41	21.7	0
10	64QAM	25	25	20.46	20.61	20.50		
10	64QAM	50	0	20.42	20.56	20.57		
10	256QAM	1	0	19.93	20.08	19.93		
10	256QAM	1	25	19.88	19.92	19.81	20.7	1
10	256QAM	1	49	19.91	19.98	19.84		
10	256QAM	25	0	20.04	20.01	20.04		
10	256QAM	25	12	20.09	20.06	19.88	20.7	1
10	256QAM	25	25	19.97	20.03	19.94		
10	256QAM	50	0	20.11	20.22	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.55	20.70	20.59	21.7	0
5	QPSK	1	12	20.57	20.63	20.63		
5	QPSK	1	24	20.49	20.52	20.49		
5	QPSK	12	0	20.40	20.54	20.40		
5	QPSK	12	7	20.40	20.42	20.38	21.7	0
5	QPSK	12	13	20.39	20.45	20.35		
5	QPSK	25	0	20.25	20.48	20.19		
5	16QAM	1	0	20.33	20.37	20.50		
5	16QAM	1	12	20.30	20.37	20.38	21.7	0
5	16QAM	1	24	20.41	20.39	20.39		
5	16QAM	12	0	20.55	20.45	20.43		
5	16QAM	12	7	20.48	20.46	20.50	21.7	0
5	16QAM	12	13	20.54	20.37	20.50		
5	16QAM	25	0	20.36	20.61	20.57		
5	64QAM	1	0	20.40	20.46	20.51		
5	64QAM	1	12	20.36	20.38	20.58	21.7	0
5	64QAM	1	24	20.51	20.67	20.55		
5	64QAM	12	0	20.49	20.46	20.50		
5	64QAM	12	7	20.46	20.48	20.49	21.7	0
5	64QAM	12	13	20.38	20.61	20.65		
5	64QAM	25	0	20.44	20.47	20.61		
5	256QAM	1	0	19.91	20.08	19.82		
5	256QAM	1	12	19.95	19.94	19.85	20.7	1
5	256QAM	1	24	19.93	19.90	19.78		
5	256QAM	12	0	20.08	20.00	19.91		
5	256QAM	12	7	19.98	20.06	19.91	20.7	1
5	256QAM	12	13	19.96	20.02	19.94		
5	256QAM	25	0	20.05	20.15	19.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.13	21.19	21.26	21.11	21.05	21.7	0
20	QPSK	1	49	21.06	21.01	21.09	21.21	21.11		
20	QPSK	1	99	21.13	21.12	21.06	21.05	21.22		
20	QPSK	50	0	21.17	21.16	21.23	21.14	21.06		
20	QPSK	50	24	20.96	21.08	21.11	20.99	20.91	21.7	0
20	QPSK	50	50	21.04	20.90	20.92	21.16	20.93		
20	QPSK	100	0	21.09	21.02	21.19	20.99	21.06		
20	16QAM	1	0	21.02	21.10	21.09	20.91	20.91		
20	16QAM	1	49	20.96	20.88	21.00	21.06	21.00	21.7	0
20	16QAM	1	99	20.92	21.05	20.84	20.95	21.00		
20	16QAM	50	0	21.10	21.17	21.21	20.96	20.90		
20	16QAM	50	24	20.91	20.93	20.93	21.10	21.09	21.7	0
20	16QAM	50	50	21.05	21.05	20.93	21.00	21.16		
20	16QAM	100	0	21.00	21.10	21.10	21.08	20.94		
20	64QAM	1	0	20.79	20.91	20.96	20.85	20.77		
20	64QAM	1	49	21.11	21.06	20.95	21.00	21.09	21.7	0
20	64QAM	1	99	21.07	21.07	21.12	21.05	20.98		
20	64QAM	50	0	20.99	20.94	20.95	21.18	20.95		
20	64QAM	50	24	21.05	21.02	20.98	20.90	21.11	21.7	0
20	64QAM	50	50	21.01	21.01	21.19	21.08	21.01		
20	64QAM	100	0	20.95	20.85	20.99	21.15	21.03		
20	256QAM	1	0	20.01	19.96	19.91	19.97	20.13		
20	256QAM	1	49	20.09	20.12	20.19	20.01	19.90	20.7	1
20	256QAM	1	99	19.93	19.88	19.92	20.08	19.95		
20	256QAM	50	0	20.10	20.02	19.98	20.02	20.12		
20	256QAM	50	24	20.06	20.07	20.15	20.00	19.90	20.7	1
20	256QAM	50	50	19.93	19.85	19.95	20.15	20.04		
20	256QAM	100	0	20.02	19.95	20.00	19.93	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.06	21.09	21.14	20.95	20.89	22	0
15	QPSK	1	37	20.93	20.98	21.04	21.15	20.98		
15	QPSK	1	74	21.01	20.98	20.89	20.96	21.18		
15	QPSK	36	0	21.10	21.04	21.13	21.00	21.02		
15	QPSK	36	20	20.91	20.95	21.01	20.92	20.82	21.7	0
15	QPSK	36	39	20.88	20.82	20.89	21.03	20.87		
15	QPSK	75	0	21.01	20.88	21.06	20.85	20.99		
15	16QAM	1	0	20.88	21.00	20.98	20.80	20.82		
15	16QAM	1	37	20.81	20.85	20.90	21.02	20.93	21.7	0
15	16QAM	1	74	20.85	21.01	20.69	20.89	20.97		
15	16QAM	36	0	20.92	21.12	21.06	20.85	20.88		
15	16QAM	36	20	20.79	20.90	20.91	20.95	20.98	21.7	0
15	16QAM	36	39	21.01	20.87	20.78	20.97	20.99		
15	16QAM	75	0	20.92	21.00	21.00	21.06	20.87		
15	64QAM	1	0	20.72	20.83	20.85	20.69	20.60		
15	64QAM	1	37	21.08	20.99	20.92	20.93	21.05	21.7	0
15	64QAM	1	74	21.00	21.04	21.04	21.02	20.94		
15	64QAM	36	0	20.88	20.82	20.84	21.03	20.84		
15	64QAM	36	20	20.89	20.86	20.90	20.87	21.02	21.7	0
15	64QAM	36	39	20.91	20.84	21.05	20.98	20.93		
15	64QAM	75	0	20.78	20.69	20.92	21.12	20.89		
15	256QAM	1	0	19.97	19.91	19.84	19.89	19.96		
15	256QAM	1	37	19.98	19.96	20.14	19.97	19.81	20.7	1
15	256QAM	1	74	19.90	19.77	19.83	20.02	19.90		
15	256QAM	36	0	20.00	19.89	19.95	19.98	20.00		
15	256QAM	36	20	19.91	19.92	20.03	19.93	19.77	20.7	1
15	256QAM	36	39	19.83	19.76	19.79	19.98	19.94		
15	256QAM	75	0	19.86	19.79	19.90	19.91	20.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.08	21.13	21.05	21.03	20.94	22	0
10	QPSK	1	25	20.94	20.95	20.96	21.09	21.00		
10	QPSK	1	49	20.95	20.97	20.89	21.00	21.13		
10	QPSK	25	0	20.95	21.11	21.10	21.04	20.91		
10	QPSK	25	12	20.88	20.97	21.01	20.79	20.75	21.7	0
10	QPSK	25	25	20.92	20.70	20.83	21.02	20.84		
10	QPSK	50	0	20.87	20.81	21.15	20.96	21.00		
10	16QAM	1	0	20.96	20.99	20.91	20.81	20.88		
10	16QAM	1	25	20.75	20.85	20.78	20.98	20.92	21.7	0
10	16QAM	1	49	20.73	20.91	20.77	20.77	20.89		
10	16QAM	25	0	21.07	21.03	21.11	20.80	20.83		
10	16QAM	25	12	20.76	20.90	20.76	21.01	21.05	21.7	0
10	16QAM	25	25	20.85	20.88	20.90	20.85	21.05		
10	16QAM	50	0	20.79	21.07	20.91	21.00	20.86		
10	64QAM	1	0	20.66	20.84	20.76	20.66	20.73		
10	64QAM	1	25	20.90	20.88	20.89	20.88	20.94	21.7	0
10	64QAM	1	49	20.95	20.87	20.98	20.90	20.95		
10	64QAM	25	0	20.82	20.86	20.87	21.04	20.81		
10	64QAM	25	12	20.84	20.84	20.77	20.70	21.06	21.7	0
10	64QAM	25	25	20.80	20.96	21.16	20.91	20.80		
10	64QAM	50	0	20.80	20.71	20.89	21.10	21.00		
10	256QAM	1	0	19.90	19.91	19.73	19.83	20.04		
10	256QAM	1	25	19.95	19.92	20.09	19.89	19.80	20.7	1
10	256QAM	1	49	19.80	19.68	19.71	19.96	19.74		
10	256QAM	25	0	20.01	19.95	19.82	19.90	20.06		
10	256QAM	25	12	19.87	19.92	20.00	19.90	19.71	20.7	1
10	256QAM	25	25	19.73	19.75	19.81	20.03	19.87		
10	256QAM	50	0	19.91	19.90	19.95	19.88	19.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.98	21.00	21.07	20.94	20.95	22	0
5	QPSK	1	12	21.00	20.85	20.93	21.12	21.02		
5	QPSK	1	24	21.04	21.08	20.97	20.97	21.02		
5	QPSK	12	0	21.09	21.13	21.03	21.04	21.02		
5	QPSK	12	7	20.84	20.97	20.90	20.95	20.70	21.7	0
5	QPSK	12	13	20.98	20.83	20.77	21.01	20.85		
5	QPSK	25	0	20.87	20.97	20.99	20.83	20.90		
5	16QAM	1	0	20.84	20.97	20.96	20.70	20.86		
5	16QAM	1	12	20.93	20.74	20.97	21.03	20.92	21.7	0
5	16QAM	1	24	20.71	20.95	20.79	20.85	20.95		
5	16QAM	12	0	20.92	21.05	21.06	20.79	20.77		
5	16QAM	12	7	20.79	20.83	20.73	21.00	20.91	21.7	0
5	16QAM	12	13	20.90	20.89	20.79	20.97	21.04		
5	16QAM	25	0	20.91	20.97	21.05	21.02	20.79		
5	64QAM	1	0	20.75	20.87	20.86	20.77	20.82		
5	64QAM	1	12	21.04	20.90	20.93	20.97	20.96	21.7	0
5	64QAM	1	24	20.90	21.00	21.00	20.86	20.91		
5	64QAM	12	0	20.93	20.75	20.88	21.07	20.76		
5	64QAM	12	7	20.95	20.90	20.83	20.87	21.00	21.7	0
5	64QAM	12	13	20.83	20.94	21.10	21.04	20.91		
5	64QAM	25	0	20.84	20.75	20.79	20.93	20.92		
5	256QAM	1	0	19.94	19.85	19.78	19.88	20.08		
5	256QAM	1	12	19.96	19.90	20.06	19.94	19.71	20.7	1
5	256QAM	1	24	19.79	19.74	19.88	19.88	19.80		
5	256QAM	12	0	20.01	19.97	19.80	19.97	19.92		
5	256QAM	12	7	19.85	19.90	20.06	19.85	19.70	20.7	1
5	256QAM	12	13	19.83	19.71	19.90	20.12	19.98		
5	256QAM	25	0	19.81	19.77	19.98	19.78	19.99		

GSM1900 EC14

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.58	29.57	29.60	31.00	20.58	20.57	20.60	22.00
GPRS 1 Tx slot	29.66	29.65	29.64	31.00	20.66	20.65	20.64	22.00
GPRS 2 Tx slots	26.77	26.78	26.77	28.00	20.77	20.78	20.77	22.00
GPRS 3 Tx slots	25.01	25.02	25.03	26.20	20.75	20.76	20.77	21.94
GPRS 4 Tx slots	23.68	23.69	23.66	25.00	20.68	20.69	20.66	22.00
EDGE 1 Tx slot	26.09	26.12	26.05	27.00	17.09	17.12	17.05	18.00
EDGE 2 Tx slots	23.67	23.76	23.70	24.00	17.67	17.76	17.70	18.00
EDGE 3 Tx slots	20.61	20.79	20.61	22.20	16.35	16.53	16.35	17.94
EDGE 4 Tx slots	20.32	20.37	20.23	21.00	17.32	17.37	17.23	18.00

WCDMA II Default WCDMA IV EC14

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.86	23.88	23.80	25.00	23.78	23.83	23.74	25.00
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.82	25.00	23.79	23.85	23.76	25.00
3GPP Rel 6	HSDPA Subtest-1	22.64	22.93	22.83	24.00	22.68	22.74	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.88	22.85	22.61	24.00	22.69	22.59	22.51	24.00
3GPP Rel 6	HSDPA Subtest-3	22.17	22.30	22.29	23.50	22.31	22.15	22.32	23.50
3GPP Rel 6	HSDPA Subtest-4	22.12	22.41	22.23	23.50	22.26	22.26	22.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.72	22.94	22.79	24.00	22.57	22.68	22.78	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.75	22.72	22.70	24.00	22.76	22.70	22.50	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.20	22.35	22.03	23.50	22.15	22.25	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.18	22.34	23.50	22.12	22.13	22.22	23.50
3GPP Rel 6	HSUPA Subtest-1	22.51	22.77	22.75	24.00	22.59	22.68	22.81	24.00
3GPP Rel 6	HSUPA Subtest-2	20.71	20.88	20.86	22.00	20.65	20.79	20.72	22.00
3GPP Rel 6	HSUPA Subtest-3	21.77	21.87	21.77	23.00	21.91	22.01	21.83	23.00
3GPP Rel 6	HSUPA Subtest-4	20.60	20.69	20.77	22.00	20.76	20.83	20.54	22.00
3GPP Rel 6	HSUPA Subtest-5	22.71	22.71	22.75	24.00	22.44	22.84	22.74	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.34	20.54	20.33	21.50	20.33	20.44	20.25	21.50

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.34	24.38	24.20	25.7	0
20	QPSK	1	49	24.30	24.27	24.32		
20	QPSK	1	99	24.24	24.27	24.20		
20	QPSK	50	0	23.50	23.56	23.42	24.7	1
20	QPSK	50	24	23.31	23.49	23.32		
20	QPSK	50	50	23.29	23.44	23.41		
20	QPSK	100	0	23.17	23.25	23.06		
20	16QAM	1	0	23.12	23.21	23.12	24.7	1
20	16QAM	1	49	23.06	22.95	23.01		
20	16QAM	1	99	23.01	23.19	23.11		
20	16QAM	50	0	22.17	22.30	22.27	23.7	2
20	16QAM	50	24	22.16	22.13	22.22		
20	16QAM	50	50	22.15	22.27	22.29		
20	16QAM	100	0	22.28	22.55	22.47		
20	64QAM	1	0	22.14	22.32	22.14	23.7	2
20	64QAM	1	49	22.08	22.21	22.13		
20	64QAM	1	99	22.01	22.40	22.00		
20	64QAM	50	0	21.17	21.43	21.42	22.7	3
20	64QAM	50	24	21.17	21.26	21.19		
20	64QAM	50	50	21.18	21.25	21.26		
20	64QAM	100	0	21.30	21.44	21.41		
20	256QAM	1	0	19.13	19.41	19.14	20.7	5
20	256QAM	1	49	19.07	19.26	19.11		
20	256QAM	1	99	19.07	19.11	19.06		
20	256QAM	50	0	19.22	19.25	19.25	20.7	5
20	256QAM	50	24	19.29	19.25	19.13		
20	256QAM	50	50	19.26	19.33	19.11		
20	256QAM	100	0	19.32	19.36	19.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.11	24.11	23.82	25.7	0
15	QPSK	1	37	23.95	23.99	24.01		
15	QPSK	1	74	23.99	23.96	23.86		
15	QPSK	36	0	23.20	23.31	23.06	24.7	1
15	QPSK	36	20	23.01	23.22	22.97		
15	QPSK	36	39	22.97	23.18	23.15		
15	QPSK	75	0	22.94	22.92	22.81		
15	16QAM	1	0	22.77	22.86	22.76	24.7	1
15	16QAM	1	37	22.84	22.76	22.74		
15	16QAM	1	74	22.74	22.84	22.76		
15	16QAM	36	0	21.83	21.99	21.94	23.7	2
15	16QAM	36	20	21.86	21.87	21.95		
15	16QAM	36	39	21.79	22.01	22.02		
15	16QAM	75	0	22.01	22.24	22.14		
15	64QAM	1	0	21.76	22.09	21.77	23.7	2
15	64QAM	1	37	21.73	21.90	21.81		
15	64QAM	1	74	21.75	22.13	21.96		
15	64QAM	36	0	20.86	21.15	21.09	22.7	3
15	64QAM	36	20	20.86	21.04	20.86		
15	64QAM	36	39	20.83	20.93	21.01		
15	64QAM	75	0	20.96	21.15	21.12		
15	256QAM	1	0	18.89	19.12	18.90	20.7	5
15	256QAM	1	37	18.81	18.89	18.81		
15	256QAM	1	74	18.71	18.75	18.77		
15	256QAM	36	0	18.91	18.97	18.93	20.7	5
15	256QAM	36	20	18.97	19.02	18.89		
15	256QAM	36	39	18.94	19.10	18.77		
15	256QAM	75	0	19.00	19.14	18.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.09	24.13	23.93	25.7	0
10	QPSK	1	25	24.04	23.98	24.03		
10	QPSK	1	49	23.94	23.97	23.93		
10	QPSK	25	0	23.23	23.34	23.10	24.7	1
10	QPSK	25	12	22.98	23.24	23.01		
10	QPSK	25	25	23.05	23.17	23.05		
10	QPSK	50	0	22.86	22.92	22.80		
10	16QAM	1	0	22.85	22.90	22.84	24.7	1
10	16QAM	1	25	22.82	22.86	22.77		
10	16QAM	1	49	22.78	22.85	22.85		
10	16QAM	25	0	21.91	21.94	22.01	23.7	2
10	16QAM	25	12	21.91	21.86	21.85		
10	16QAM	25	25	21.88	21.99	21.98		
10	16QAM	50	0	21.96	22.27	22.21		
10	64QAM	1	0	21.82	22.07	21.91	23.7	2
10	64QAM	1	25	21.75	21.97	21.83		
10	64QAM	1	49	21.77	22.07	21.94		
10	64QAM	25	0	20.82	21.15	21.07	22.7	3
10	64QAM	25	12	20.89	20.95	20.86		
10	64QAM	25	25	20.86	21.01	20.96		
10	64QAM	50	0	21.04	21.12	21.05		
10	256QAM	1	0	18.76	19.16	18.76	20.7	5
10	256QAM	1	25	18.80	19.03	18.80		
10	256QAM	1	49	18.75	18.87	18.81		
10	256QAM	25	0	18.89	18.99	18.95	20.7	5
10	256QAM	25	12	19.03	18.95	18.87		
10	256QAM	25	25	18.90	19.03	18.79		
10	256QAM	50	0	19.10	19.00	19.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	24.07	23.93	25.7	0
5	QPSK	1	12	23.94	23.99	23.98		
5	QPSK	1	24	23.91	23.98	23.84		
5	QPSK	12	0	23.24	23.27	23.17	24.7	1
5	QPSK	12	7	22.97	23.14	23.02		
5	QPSK	12	13	23.03	23.18	23.07		
5	QPSK	25	0	22.83	23.02	22.77		
5	16QAM	1	0	22.75	22.88	22.89	24.7	1
5	16QAM	1	12	22.71	22.81	22.74		
5	16QAM	1	24	22.73	22.94	22.86		
5	16QAM	12	0	21.82	22.03	21.94	23.7	2
5	16QAM	12	7	21.90	21.90	21.91		
5	16QAM	12	13	21.91	21.90	22.01		
5	16QAM	25	0	22.00	22.32	22.12		
5	64QAM	1	0	21.85	22.00	21.87	23.7	2
5	64QAM	1	12	21.84	21.89	21.80		
5	64QAM	1	24	21.71	22.17	21.97		
5	64QAM	12	0	20.82	21.14	21.19	22.7	3
5	64QAM	12	7	20.87	20.99	20.95		
5	64QAM	12	13	20.82	20.90	20.95		
5	64QAM	25	0	20.94	21.09	21.14		
5	256QAM	1	0	18.85	19.07	18.83	20.7	5
5	256QAM	1	12	18.70	19.01	18.86		
5	256QAM	1	24	18.78	18.86	18.74		
5	256QAM	12	0	18.90	18.88	18.92	20.7	5
5	256QAM	12	7	19.06	18.95	18.82		
5	256QAM	12	13	18.95	19.09	18.74		
5	256QAM	25	0	19.08	19.12	18.87		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.09	24.02	23.89	25.7	0
3	QPSK	1	8	24.06	23.97	24.02		
3	QPSK	1	14	23.99	23.93	23.97		
3	QPSK	8	0	23.28	23.21	23.20	24.7	1
3	QPSK	8	4	22.94	23.24	22.97		
3	QPSK	8	7	22.98	23.06	23.14		
3	QPSK	15	0	22.81	23.00	22.76		
3	16QAM	1	0	22.78	22.85	22.78	24.7	1
3	16QAM	1	8	22.74	22.85	22.76		
3	16QAM	1	14	22.77	22.85	22.83		
3	16QAM	8	0	21.80	21.93	22.04	23.7	2
3	16QAM	8	4	21.83	21.88	21.88		
3	16QAM	8	7	21.82	22.00	22.05		
3	16QAM	15	0	21.95	22.26	22.10		
3	64QAM	1	0	21.86	22.07	21.88	23.7	2
3	64QAM	1	8	21.84	21.85	21.86		
3	64QAM	1	14	21.74	22.12	21.87		
3	64QAM	8	0	20.81	21.12	21.20	22.7	3
3	64QAM	8	4	20.86	21.02	20.96		
3	64QAM	8	7	20.93	20.91	21.02		
3	64QAM	15	0	21.06	21.22	21.15		
3	256QAM	1	0	18.78	19.17	18.77	20.7	5
3	256QAM	1	8	18.78	18.92	18.80		
3	256QAM	1	14	18.75	18.84	18.83		
3	256QAM	8	0	18.92	18.90	18.89	20.7	5
3	256QAM	8	4	18.97	18.94	18.76		
3	256QAM	8	7	18.92	19.08	18.74		
3	256QAM	15	0	18.97	19.09	18.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.99	24.05	23.87	25.7	0
1.4	QPSK	1	3	24.05	24.03	24.03		
1.4	QPSK	1	5	23.89	24.00	23.89		
1.4	QPSK	3	0	24.02	24.09	23.95		
1.4	QPSK	3	1	24.00	23.95	24.06		
1.4	QPSK	3	3	23.97	23.91	23.96		
1.4	QPSK	6	0	23.18	23.23	23.07	24.7	1
1.4	16QAM	1	0	22.95	23.14	23.08	24.7	1
1.4	16QAM	1	3	22.94	23.22	23.03		
1.4	16QAM	1	5	22.91	22.97	22.83		
1.4	16QAM	3	0	22.84	22.85	22.90		
1.4	16QAM	3	1	22.78	22.88	22.70		
1.4	16QAM	3	3	22.74	22.83	22.82		
1.4	16QAM	6	0	21.90	21.98	21.92	23.7	2
1.4	64QAM	1	0	21.78	21.87	21.86	23.7	2
1.4	64QAM	1	3	21.87	21.91	22.02		
1.4	64QAM	1	5	22.00	22.18	22.24		
1.4	64QAM	3	0	21.84	22.09	21.90		
1.4	64QAM	3	1	21.75	21.98	21.88		
1.4	64QAM	3	3	21.77	22.09	21.89		
1.4	64QAM	6	0	20.86	20.87	20.99	22.7	3
1.4	256QAM	1	0	18.86	19.14	18.80	20.7	5
1.4	256QAM	1	3	18.73	19.01	18.87		
1.4	256QAM	1	5	18.76	18.76	18.77		
1.4	256QAM	3	0	18.85	18.91	19.01		
1.4	256QAM	3	1	19.05	18.92	18.81		
1.4	256QAM	3	3	18.99	19.00	18.80		
1.4	256QAM	6	0	19.03	19.01	19.01	20.7	5

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.79	24.81	24.63	25.7	0
20	QPSK	1	49	24.65	24.72	24.77		
20	QPSK	1	99	24.67	24.64	24.65		
20	QPSK	50	0	23.83	24.07	23.94	24.7	1
20	QPSK	50	24	23.79	23.91	23.79		
20	QPSK	50	50	23.69	23.88	23.90		
20	QPSK	100	0	23.59	23.64	23.52		
20	16QAM	1	0	23.48	23.68	23.55	24.7	1
20	16QAM	1	49	23.51	23.36	23.43		
20	16QAM	1	99	23.49	23.64	23.52		
20	16QAM	50	0	22.67	22.70	22.74	23.7	2
20	16QAM	50	24	22.58	22.61	22.64		
20	16QAM	50	50	22.54	22.73	22.65		
20	16QAM	100	0	22.71	22.96	22.89		
20	64QAM	1	0	22.52	22.64	22.52	23.7	2
20	64QAM	1	49	22.44	22.64	22.56		
20	64QAM	1	99	22.48	22.83	22.42		
20	64QAM	50	0	21.55	21.77	21.77	22.7	3
20	64QAM	50	24	21.57	21.75	21.63		
20	64QAM	50	50	21.61	21.66	21.68		
20	64QAM	100	0	21.73	21.87	21.86		
20	256QAM	1	0	19.59	19.78	19.52	20.7	5
20	256QAM	1	49	19.59	19.67	19.51		
20	256QAM	1	99	19.51	19.48	19.41		
20	256QAM	50	0	19.75	19.67	19.72	20.7	5
20	256QAM	50	24	19.74	19.67	19.61		
20	256QAM	50	50	19.61	19.82	19.54		
20	256QAM	100	0	19.76	19.81	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.54	24.56	24.41	25.7	0
15	QPSK	1	37	24.36	24.38	24.45		
15	QPSK	1	74	24.43	24.38	24.38		
15	QPSK	36	0	23.53	23.77	23.59	24.7	1
15	QPSK	36	20	23.50	23.63	23.54		
15	QPSK	36	39	23.43	23.58	23.56		
15	QPSK	75	0	23.32	23.38	23.15		
15	16QAM	1	0	23.14	23.36	23.18	24.7	1
15	16QAM	1	37	23.20	23.07	23.12		
15	16QAM	1	74	23.17	23.28	23.22		
15	16QAM	36	0	22.40	22.39	22.45	23.7	2
15	16QAM	36	20	22.27	22.25	22.38		
15	16QAM	36	39	22.20	22.49	22.42		
15	16QAM	75	0	22.40	22.71	22.55		
15	64QAM	1	0	22.13	22.31	22.14	23.7	2
15	64QAM	1	37	22.03	22.24	22.24		
15	64QAM	1	74	22.06	22.43	22.10		
15	64QAM	36	0	21.25	21.45	21.52	22.7	3
15	64QAM	36	20	21.24	21.42	21.35		
15	64QAM	36	39	21.33	21.42	21.45		
15	64QAM	75	0	21.40	21.57	21.58		
15	256QAM	1	0	19.23	19.48	19.29	20.7	5
15	256QAM	1	37	19.24	19.34	19.26		
15	256QAM	1	74	19.23	19.24	19.14		
15	256QAM	36	0	19.41	19.32	19.40	20.7	5
15	256QAM	36	20	19.46	19.38	19.33		
15	256QAM	36	39	19.25	19.44	19.21		
15	256QAM	75	0	19.41	19.48	19.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.50	24.44	24.25	25.7	0
10	QPSK	1	25	24.41	24.46	24.53		
10	QPSK	1	49	24.40	24.33	24.39		
10	QPSK	25	0	23.51	23.79	23.57	24.7	1
10	QPSK	25	12	23.50	23.58	23.53		
10	QPSK	25	25	23.38	23.62	23.66		
10	QPSK	50	0	23.36	23.42	23.17		
10	16QAM	1	0	23.20	23.30	23.23	24.7	1
10	16QAM	1	25	23.24	23.09	23.20		
10	16QAM	1	49	23.27	23.28	23.23		
10	16QAM	25	0	22.39	22.37	22.41	23.7	2
10	16QAM	25	12	22.34	22.38	22.27		
10	16QAM	25	25	22.30	22.35	22.41		
10	16QAM	50	0	22.45	22.60	22.66		
10	64QAM	1	0	22.20	22.42	22.15	23.7	2
10	64QAM	1	25	22.08	22.29	22.27		
10	64QAM	1	49	22.25	22.54	22.06		
10	64QAM	25	0	21.32	21.54	21.43	22.7	3
10	64QAM	25	12	21.19	21.47	21.30		
10	64QAM	25	25	21.27	21.41	21.38		
10	64QAM	50	0	21.36	21.51	21.61		
10	256QAM	1	0	19.32	19.48	19.26	20.7	5
10	256QAM	1	25	19.30	19.42	19.17		
10	256QAM	1	49	19.29	19.15	19.10		
10	256QAM	25	0	19.39	19.41	19.50	20.7	5
10	256QAM	25	12	19.37	19.40	19.32		
10	256QAM	25	25	19.25	19.48	19.17		
10	256QAM	50	0	19.53	19.55	19.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.44	24.43	24.40	25.7	0
5	QPSK	1	12	24.28	24.47	24.55		
5	QPSK	1	24	24.31	24.30	24.35		
5	QPSK	12	0	23.54	23.78	23.66	24.7	1
5	QPSK	12	7	23.44	23.60	23.45		
5	QPSK	12	13	23.38	23.55	23.63		
5	QPSK	25	0	23.25	23.37	23.16		
5	16QAM	1	0	23.13	23.45	23.26	24.7	1
5	16QAM	1	12	23.21	23.12	23.13		
5	16QAM	1	24	23.12	23.41	23.23		
5	16QAM	12	0	22.36	22.44	22.39	23.7	2
5	16QAM	12	7	22.35	22.29	22.27		
5	16QAM	12	13	22.18	22.39	22.37		
5	16QAM	25	0	22.38	22.60	22.51		
5	64QAM	1	0	22.18	22.33	22.19	23.7	2
5	64QAM	1	12	22.14	22.37	22.29		
5	64QAM	1	24	22.22	22.54	22.09		
5	64QAM	12	0	21.31	21.47	21.41	22.7	3
5	64QAM	12	7	21.32	21.37	21.37		
5	64QAM	12	13	21.30	21.29	21.39		
5	64QAM	25	0	21.41	21.53	21.63		
5	256QAM	1	0	19.22	19.41	19.19	20.7	5
5	256QAM	1	12	19.33	19.43	19.18		
5	256QAM	1	24	19.14	19.22	19.09		
5	256QAM	12	0	19.50	19.37	19.43	20.7	5
5	256QAM	12	7	19.38	19.33	19.30		
5	256QAM	12	13	19.32	19.52	19.30		
5	256QAM	25	0	19.54	19.49	19.49		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.44	24.49	24.39	25.7	0
3	QPSK	1	8	24.28	24.48	24.50		
3	QPSK	1	14	24.31	24.40	24.35		
3	QPSK	8	0	23.47	23.71	23.69	24.7	1
3	QPSK	8	4	23.57	23.58	23.43		
3	QPSK	8	7	23.45	23.57	23.53		
3	QPSK	15	0	23.34	23.35	23.19		
3	16QAM	1	0	23.13	23.31	23.31	24.7	1
3	16QAM	1	8	23.25	23.07	23.20		
3	16QAM	1	14	23.14	23.26	23.21		
3	16QAM	8	0	22.43	22.45	22.45	23.7	2
3	16QAM	8	4	22.28	22.34	22.32		
3	16QAM	8	7	22.29	22.50	22.33		
3	16QAM	15	0	22.41	22.64	22.64		
3	64QAM	1	0	22.25	22.36	22.21	23.7	2
3	64QAM	1	8	22.12	22.40	22.26		
3	64QAM	1	14	22.14	22.52	22.05		
3	64QAM	8	0	21.19	21.51	21.43	22.7	3
3	64QAM	8	4	21.28	21.47	21.38		
3	64QAM	8	7	21.38	21.29	21.42		
3	64QAM	15	0	21.42	21.50	21.54		
3	256QAM	1	0	19.24	19.44	19.18	20.7	5
3	256QAM	1	8	19.27	19.29	19.21		
3	256QAM	1	14	19.24	19.11	19.17		
3	256QAM	8	0	19.38	19.41	19.34	20.7	5
3	256QAM	8	4	19.49	19.33	19.34		
3	256QAM	8	7	19.25	19.60	19.18		
3	256QAM	15	0	19.52	19.49	19.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.51	24.47	24.29	25.7	0
1.4	QPSK	1	3	24.33	24.42	24.46		
1.4	QPSK	1	5	24.33	24.33	24.29		
1.4	QPSK	3	0	24.51	24.43	24.29		
1.4	QPSK	3	1	24.36	24.34	24.34		
1.4	QPSK	3	3	24.30	24.26	24.35		
1.4	QPSK	6	0	23.52	23.64	23.53	24.7	1
1.4	16QAM	1	0	23.39	23.49	23.36	24.7	1
1.4	16QAM	1	3	23.41	23.45	23.51		
1.4	16QAM	1	5	23.18	23.25	23.15		
1.4	16QAM	3	0	23.15	23.25	23.24		
1.4	16QAM	3	1	23.14	23.03	23.03		
1.4	16QAM	3	3	23.13	23.21	23.21		
1.4	16QAM	6	0	22.27	22.30	22.45	23.7	2
1.4	64QAM	1	0	22.18	22.26	22.28	23.7	2
1.4	64QAM	1	3	22.25	22.38	22.36		
1.4	64QAM	1	5	22.37	22.57	22.58		
1.4	64QAM	3	0	22.14	22.24	22.14		
1.4	64QAM	3	1	22.04	22.22	22.21		
1.4	64QAM	3	3	22.18	22.41	22.04		
1.4	64QAM	6	0	21.19	21.43	21.21	22.7	3
1.4	256QAM	1	0	19.25	19.41	19.12	20.7	5
1.4	256QAM	1	3	19.25	19.23	19.18		
1.4	256QAM	1	5	19.14	19.09	19.13		
1.4	256QAM	3	0	19.37	19.30	19.28		
1.4	256QAM	3	1	19.39	19.26	19.22		
1.4	256QAM	3	3	19.19	19.48	19.23		
1.4	256QAM	6	0	19.45	19.52	19.45	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.76	23.81	23.79	24.7	0
20	QPSK	1	49	23.52	23.76	23.63		
20	QPSK	1	99	23.74	23.65	23.66		
20	QPSK	50	0	23.72	23.77	23.73	24.7	0
20	QPSK	50	24	23.43	23.61	23.56		
20	QPSK	50	50	23.61	23.61	23.62		
20	QPSK	100	0	23.71	23.74	23.71		
20	16QAM	1	0	23.44	23.72	23.54	24.7	0
20	16QAM	1	49	23.61	23.54	23.63		
20	16QAM	1	99	23.72	23.53	23.49		
20	16QAM	50	0	22.52	22.55	22.54	23.7	1
20	16QAM	50	24	22.45	22.46	22.56		
20	16QAM	50	50	22.47	22.57	22.50		
20	16QAM	100	0	22.63	22.84	22.72		
20	64QAM	1	0	22.42	22.58	22.48	23.7	1
20	64QAM	1	49	22.37	22.59	22.41		
20	64QAM	1	99	22.33	22.61	22.20		
20	64QAM	50	0	21.51	21.67	21.64	22.7	2
20	64QAM	50	24	21.47	21.65	21.45		
20	64QAM	50	50	21.52	21.58	21.56		
20	64QAM	100	0	21.58	21.76	21.75		
20	256QAM	1	0	19.53	19.60	19.33	20.7	4
20	256QAM	1	49	19.40	19.55	19.41		
20	256QAM	1	99	19.37	19.36	19.30		
20	256QAM	50	0	19.63	19.57	19.61	20.7	4
20	256QAM	50	24	19.52	19.49	19.48		
20	256QAM	50	50	19.59	19.62	19.45		
20	256QAM	100	0	19.64	19.67	19.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.58	23.77	23.74	24.7	0
15	QPSK	1	37	23.45	23.71	23.47		
15	QPSK	1	74	23.67	23.49	23.63		
15	QPSK	36	0	23.66	23.69	23.55	24.7	0
15	QPSK	36	20	23.25	23.56	23.43		
15	QPSK	36	39	23.42	23.53	23.40		
15	QPSK	75	0	23.63	23.60	23.65		
15	16QAM	1	0	23.24	23.58	23.39	24.7	0
15	16QAM	1	37	23.58	23.45	23.48		
15	16QAM	1	74	23.66	23.49	23.39		
15	16QAM	36	0	22.34	22.45	22.46	23.7	1
15	16QAM	36	20	22.26	22.35	22.46		
15	16QAM	36	39	22.26	22.39	22.38		
15	16QAM	75	0	22.42	22.62	22.57		
15	64QAM	1	0	22.20	22.37	22.32	23.7	1
15	64QAM	1	37	22.18	22.49	22.28		
15	64QAM	1	74	22.22	22.50	22.01		
15	64QAM	36	0	21.31	21.43	21.50	22.7	2
15	64QAM	36	20	21.33	21.42	21.31		
15	64QAM	36	39	21.38	21.35	21.35		
15	64QAM	75	0	21.46	21.60	21.56		
15	256QAM	1	0	19.38	19.50	19.23	20.7	4
15	256QAM	1	37	19.27	19.36	19.26		
15	256QAM	1	74	19.13	19.12	19.17		
15	256QAM	36	0	19.46	19.42	19.48	20.7	4
15	256QAM	36	20	19.41	19.36	19.35		
15	256QAM	36	39	19.45	19.54	19.30		
15	256QAM	75	0	19.52	19.52	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.64	23.65	23.63	24.7	0
10	QPSK	1	25	23.41	23.71	23.52		
10	QPSK	1	49	23.63	23.58	23.60		
10	QPSK	25	0	23.67	23.58	23.55	24.7	0
10	QPSK	25	12	23.32	23.52	23.43		
10	QPSK	25	25	23.39	23.59	23.49		
10	QPSK	50	0	23.61	23.59	23.52		
10	16QAM	1	0	23.23	23.64	23.36	24.7	0
10	16QAM	1	25	23.43	23.47	23.48		
10	16QAM	1	49	23.59	23.39	23.28		
10	16QAM	25	0	22.38	22.46	22.38	23.7	1
10	16QAM	25	12	22.28	22.25	22.42		
10	16QAM	25	25	22.39	22.40	22.27		
10	16QAM	50	0	22.42	22.73	22.51		
10	64QAM	1	0	22.26	22.34	22.28	23.7	1
10	64QAM	1	25	22.25	22.43	22.27		
10	64QAM	1	49	22.22	22.43	22.02		
10	64QAM	25	0	21.29	21.49	21.52	22.7	2
10	64QAM	25	12	21.25	21.52	21.22		
10	64QAM	25	25	21.35	21.46	21.39		
10	64QAM	50	0	21.39	21.56	21.55		
10	256QAM	1	0	19.42	19.49	19.23	20.7	4
10	256QAM	1	25	19.25	19.36	19.24		
10	256QAM	1	49	19.21	19.18	19.14		
10	256QAM	25	0	19.42	19.44	19.50	20.7	4
10	256QAM	25	12	19.38	19.41	19.38		
10	256QAM	25	25	19.51	19.41	19.27		
10	256QAM	50	0	19.44	19.50	19.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.54	23.61	23.60	24.7	0
5	QPSK	1	12	23.36	23.68	23.56		
5	QPSK	1	24	23.57	23.62	23.45		
5	QPSK	12	0	23.66	23.74	23.64	24.7	0
5	QPSK	12	7	23.40	23.58	23.46		
5	QPSK	12	13	23.44	23.54	23.60		
5	QPSK	25	0	23.65	23.63	23.58		
5	16QAM	1	0	23.33	23.57	23.45	24.7	0
5	16QAM	1	12	23.46	23.50	23.42		
5	16QAM	1	24	23.55	23.51	23.38		
5	16QAM	12	0	22.32	22.45	22.36	23.7	1
5	16QAM	12	7	22.28	22.32	22.40		
5	16QAM	12	13	22.26	22.34	22.26		
5	16QAM	25	0	22.50	22.69	22.49		
5	64QAM	1	0	22.21	22.36	22.28	23.7	1
5	64QAM	1	12	22.18	22.38	22.32		
5	64QAM	1	24	22.22	22.51	22.03		
5	64QAM	12	0	21.30	21.52	21.50	22.7	2
5	64QAM	12	7	21.29	21.42	21.23		
5	64QAM	12	13	21.39	21.49	21.33		
5	64QAM	25	0	21.46	21.59	21.65		
5	256QAM	1	0	19.29	19.46	19.19	20.7	4
5	256QAM	1	12	19.27	19.43	19.32		
5	256QAM	1	24	19.17	19.14	19.20		
5	256QAM	12	0	19.49	19.41	19.44	20.7	4
5	256QAM	12	7	19.36	19.31	19.38		
5	256QAM	12	13	19.37	19.42	19.25		
5	256QAM	25	0	19.53	19.50	19.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.32	24.33	24.10	25.7	0
20	QPSK	1	49	24.16	24.26	24.23		
20	QPSK	1	99	24.14	24.18	24.12		
20	QPSK	50	0	23.43	23.55	23.36	24.7	1
20	QPSK	50	24	23.26	23.38	23.33		
20	QPSK	50	50	23.21	23.44	23.36		
20	QPSK	100	0	23.06	23.16	23.07		
20	16QAM	1	0	23.07	23.11	23.07	24.7	1
20	16QAM	1	49	22.91	22.99	22.94		
20	16QAM	1	99	22.94	23.15	22.98		
20	16QAM	50	0	22.19	22.12	22.21	23.7	2
20	16QAM	50	24	22.03	22.08	22.08		
20	16QAM	50	50	22.05	22.25	22.15		
20	16QAM	100	0	22.23	22.53	22.31		
20	64QAM	1	0	22.03	22.12	22.09	23.7	2
20	64QAM	1	49	21.98	22.14	21.95		
20	64QAM	1	99	21.97	22.28	21.91		
20	64QAM	50	0	21.12	21.27	21.29	22.7	3
20	64QAM	50	24	21.05	21.18	21.08		
20	64QAM	50	50	21.06	21.19	21.19		
20	64QAM	100	0	21.18	21.35	21.37		
20	256QAM	1	0	19.08	19.28	19.04	20.7	5
20	256QAM	1	49	19.01	19.12	19.03		
20	256QAM	1	99	18.95	19.00	19.00		
20	256QAM	50	0	19.17	19.25	19.18	20.7	5
20	256QAM	50	24	19.13	19.12	19.06		
20	256QAM	50	50	19.21	19.25	19.12		
20	256QAM	100	0	19.25	19.23	19.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.97	24.04	23.72	25.7	0
15	QPSK	1	37	23.86	23.98	23.92		
15	QPSK	1	74	23.79	23.87	23.71		
15	QPSK	36	0	23.14	23.19	23.01	24.7	1
15	QPSK	36	20	22.90	23.01	22.98		
15	QPSK	36	39	22.86	23.12	23.07		
15	QPSK	75	0	22.70	22.86	22.72		
15	16QAM	1	0	22.76	22.71	22.71	24.7	1
15	16QAM	1	37	22.71	22.81	22.76		
15	16QAM	1	74	22.73	22.86	22.75		
15	16QAM	36	0	21.89	21.78	21.89	23.7	2
15	16QAM	36	20	21.73	21.80	21.73		
15	16QAM	36	39	21.72	21.86	21.73		
15	16QAM	75	0	21.87	22.14	21.97		
15	64QAM	1	0	21.71	21.72	21.80	23.7	2
15	64QAM	1	37	21.75	21.82	21.76		
15	64QAM	1	74	21.76	21.89	21.73		
15	64QAM	36	0	20.74	20.93	20.89	22.7	3
15	64QAM	36	20	20.77	20.86	20.79		
15	64QAM	36	39	20.76	20.90	20.84		
15	64QAM	75	0	20.88	20.98	21.01		
15	256QAM	1	0	18.71	18.95	18.73	20.7	5
15	256QAM	1	37	18.70	18.71	18.71		
15	256QAM	1	74	18.79	18.76	18.77		
15	256QAM	36	0	18.87	18.89	18.74	20.7	5
15	256QAM	36	20	18.73	18.73	18.71		
15	256QAM	36	39	18.83	18.93	18.73		
15	256QAM	75	0	18.97	18.84	18.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.93	24.02	23.72	25.7	0
10	QPSK	1	25	23.87	23.85	23.84		
10	QPSK	1	49	23.73	23.87	23.76		
10	QPSK	25	0	23.12	23.24	23.02	24.7	1
10	QPSK	25	12	22.89	22.99	23.04		
10	QPSK	25	25	22.88	23.10	23.03		
10	QPSK	50	0	22.71	22.82	22.71		
10	16QAM	1	0	22.76	22.81	22.72	24.7	1
10	16QAM	1	25	22.76	22.82	22.73		
10	16QAM	1	49	22.73	22.84	22.77		
10	16QAM	25	0	21.81	21.73	21.89	23.7	2
10	16QAM	25	12	21.73	21.76	21.79		
10	16QAM	25	25	21.79	21.86	21.71		
10	16QAM	50	0	21.86	22.20	21.91		
10	64QAM	1	0	21.72	21.86	21.72	23.7	2
10	64QAM	1	25	21.79	21.78	21.71		
10	64QAM	1	49	21.75	21.97	21.73		
10	64QAM	25	0	20.81	20.84	20.92	22.7	3
10	64QAM	25	12	20.76	20.82	20.71		
10	64QAM	25	25	20.76	20.76	20.81		
10	64QAM	50	0	20.81	21.05	20.94		
10	256QAM	1	0	18.72	18.99	18.72	20.7	5
10	256QAM	1	25	18.73	18.72	18.71		
10	256QAM	1	49	18.72	18.86	18.76		
10	256QAM	25	0	18.88	18.96	18.80	20.7	5
10	256QAM	25	12	18.74	18.86	18.78		
10	256QAM	25	25	18.80	18.82	18.76		
10	256QAM	50	0	18.82	18.85	18.78		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.00	23.90	23.78	25.7	0
5	QPSK	1	12	23.83	23.86	23.86		
5	QPSK	1	24	23.85	23.86	23.78		
5	QPSK	12	0	23.14	23.20	23.05	24.7	1
5	QPSK	12	7	22.95	22.97	23.01		
5	QPSK	12	13	22.77	23.10	23.06		
5	QPSK	25	0	22.70	22.80	22.74		
5	16QAM	1	0	22.71	22.89	22.74	24.7	1
5	16QAM	1	12	22.73	22.82	22.73		
5	16QAM	1	24	22.77	22.77	22.74		
5	16QAM	12	0	21.85	21.76	21.92	23.7	2
5	16QAM	12	7	21.75	21.76	21.70		
5	16QAM	12	13	21.76	21.85	21.78		
5	16QAM	25	0	21.80	22.21	21.88		
5	64QAM	1	0	21.75	21.73	21.78	23.7	2
5	64QAM	1	12	21.76	21.74	21.72		
5	64QAM	1	24	21.74	21.85	21.74		
5	64QAM	12	0	20.81	20.92	20.94	22.7	3
5	64QAM	12	7	20.73	20.85	20.75		
5	64QAM	12	13	20.77	20.83	20.81		
5	64QAM	25	0	20.83	21.03	20.99		
5	256QAM	1	0	18.79	18.97	18.72	20.7	5
5	256QAM	1	12	18.72	18.75	18.78		
5	256QAM	1	24	18.75	18.77	18.72		
5	256QAM	12	0	18.81	18.96	18.88	20.7	5
5	256QAM	12	7	18.85	18.77	18.74		
5	256QAM	12	13	18.85	18.87	18.79		
5	256QAM	25	0	18.95	18.83	18.83		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.98	23.91	23.78	25.7	0
3	QPSK	1	8	23.85	23.92	23.88		
3	QPSK	1	14	23.86	23.76	23.76		
3	QPSK	8	0	23.14	23.21	22.96	24.7	1
3	QPSK	8	4	22.91	23.02	22.99		
3	QPSK	8	7	22.83	23.14	23.06		
3	QPSK	15	0	22.72	22.85	22.77		
3	16QAM	1	0	22.73	22.80	22.73	24.7	1
3	16QAM	1	8	22.74	22.76	22.71		
3	16QAM	1	14	22.76	22.85	22.72		
3	16QAM	8	0	21.89	21.76	21.86	23.7	2
3	16QAM	8	4	21.71	21.79	21.74		
3	16QAM	8	7	21.75	21.92	21.73		
3	16QAM	15	0	21.87	22.18	21.93		
3	64QAM	1	0	21.73	21.81	21.72	23.7	2
3	64QAM	1	8	21.74	21.86	21.74		
3	64QAM	1	14	21.73	21.97	21.72		
3	64QAM	8	0	20.77	20.91	20.88	22.7	3
3	64QAM	8	4	20.75	20.89	20.75		
3	64QAM	8	7	20.75	20.77	20.79		
3	64QAM	15	0	20.84	21.04	21.03		
3	256QAM	1	0	18.79	18.89	18.74	20.7	5
3	256QAM	1	8	18.70	18.74	18.77		
3	256QAM	1	14	18.76	18.88	18.75		
3	256QAM	8	0	18.81	18.93	18.87	20.7	5
3	256QAM	8	4	18.74	18.70	18.73		
3	256QAM	8	7	18.79	18.83	18.76		
3	256QAM	15	0	18.96	18.84	18.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.92	23.96	23.76	25.7	0
1.4	QPSK	1	3	23.76	23.88	23.91		
1.4	QPSK	1	5	23.73	23.76	23.82		
1.4	QPSK	3	0	23.99	23.89	23.74		
1.4	QPSK	3	1	23.73	23.97	23.87		
1.4	QPSK	3	3	23.78	23.86	23.70		
1.4	QPSK	6	0	23.07	23.20	22.99	24.7	1
1.4	16QAM	1	0	22.86	22.96	23.05	24.7	1
1.4	16QAM	1	3	22.77	23.02	23.00		
1.4	16QAM	1	5	22.77	22.83	22.77		
1.4	16QAM	3	0	22.78	22.80	22.76		
1.4	16QAM	3	1	22.77	22.86	22.72		
1.4	16QAM	3	3	22.73	22.86	22.75		
1.4	16QAM	6	0	21.86	21.81	21.86	23.7	2
1.4	64QAM	1	0	21.75	21.80	21.73	23.7	2
1.4	64QAM	1	3	21.77	21.86	21.73		
1.4	64QAM	1	5	21.80	22.10	22.02		
1.4	64QAM	3	0	21.72	21.79	21.77		
1.4	64QAM	3	1	21.73	21.86	21.76		
1.4	64QAM	3	3	21.74	21.89	21.74		
1.4	64QAM	6	0	20.83	20.86	20.95	22.7	3
1.4	256QAM	1	0	18.74	18.93	18.72	20.7	5
1.4	256QAM	1	3	18.75	18.76	18.73		
1.4	256QAM	1	5	18.73	18.85	18.71		
1.4	256QAM	3	0	18.73	18.90	18.75		
1.4	256QAM	3	1	18.80	18.78	18.74		
1.4	256QAM	3	3	18.80	18.85	18.72		
1.4	256QAM	6	0	18.84	18.91	18.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.76	24.86	24.72	25.7	0
20	QPSK	1	49	24.71	24.81	24.78		
20	QPSK	1	99	24.69	24.73	24.67		
20	QPSK	50	0	23.93	24.02	23.95	24.7	1
20	QPSK	50	24	23.83	23.84	23.88		
20	QPSK	50	50	23.74	23.93	23.84		
20	QPSK	100	0	23.60	23.74	23.61		
20	16QAM	1	0	23.57	23.63	23.56	24.7	1
20	16QAM	1	49	23.47	23.48	23.52		
20	16QAM	1	99	23.50	23.66	23.54		
20	16QAM	50	0	22.73	22.75	22.68	23.7	2
20	16QAM	50	24	22.56	22.59	22.65		
20	16QAM	50	50	22.57	22.71	22.65		
20	16QAM	100	0	22.77	23.01	22.88		
20	64QAM	1	0	22.54	22.71	22.56	23.7	2
20	64QAM	1	49	22.45	22.69	22.51		
20	64QAM	1	99	22.52	22.87	22.43		
20	64QAM	50	0	21.66	21.90	21.92	22.7	3
20	64QAM	50	24	21.52	21.83	21.67		
20	64QAM	50	50	21.70	21.67	21.66		
20	64QAM	100	0	21.72	21.92	21.86		
20	256QAM	1	0	19.64	19.83	19.53	20.7	5
20	256QAM	1	49	19.58	19.67	19.56		
20	256QAM	1	99	19.58	19.54	19.53		
20	256QAM	50	0	19.68	19.71	19.66	20.7	5
20	256QAM	50	24	19.72	19.77	19.61		
20	256QAM	50	50	19.73	19.83	19.56		
20	256QAM	100	0	19.73	19.76	19.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.45	24.54	24.40	25.7	0
15	QPSK	1	37	24.46	24.44	24.51		
15	QPSK	1	74	24.40	24.51	24.42		
15	QPSK	36	0	23.62	23.65	23.68	24.7	1
15	QPSK	36	20	23.50	23.59	23.50		
15	QPSK	36	39	23.48	23.59	23.57		
15	QPSK	75	0	23.35	23.49	23.33		
15	16QAM	1	0	23.34	23.26	23.32	24.7	1
15	16QAM	1	37	23.18	23.16	23.19		
15	16QAM	1	74	23.18	23.34	23.31		
15	16QAM	36	0	22.39	22.52	22.36	23.7	2
15	16QAM	36	20	22.21	22.28	22.33		
15	16QAM	36	39	22.26	22.47	22.30		
15	16QAM	75	0	22.50	22.79	22.55		
15	64QAM	1	0	22.27	22.39	22.30	23.7	2
15	64QAM	1	37	22.17	22.46	22.16		
15	64QAM	1	74	22.16	22.49	22.21		
15	64QAM	36	0	21.28	21.64	21.68	22.7	3
15	64QAM	36	20	21.24	21.58	21.33		
15	64QAM	36	39	21.43	21.30	21.42		
15	64QAM	75	0	21.45	21.67	21.53		
15	256QAM	1	0	19.36	19.58	19.24	20.7	5
15	256QAM	1	37	19.34	19.36	19.30		
15	256QAM	1	74	19.29	19.29	19.26		
15	256QAM	36	0	19.40	19.45	19.33	20.7	5
15	256QAM	36	20	19.40	19.53	19.33		
15	256QAM	36	39	19.45	19.52	19.32		
15	256QAM	75	0	19.46	19.50	19.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.44	24.49	24.43	25.7	0
10	QPSK	1	25	24.42	24.58	24.56		
10	QPSK	1	49	24.35	24.39	24.30		
10	QPSK	25	0	23.56	23.79	23.60	24.7	1
10	QPSK	25	12	23.59	23.57	23.63		
10	QPSK	25	25	23.45	23.58	23.49		
10	QPSK	50	0	23.28	23.42	23.30		
10	16QAM	1	0	23.23	23.39	23.27	24.7	1
10	16QAM	1	25	23.16	23.14	23.22		
10	16QAM	1	49	23.17	23.43	23.21		
10	16QAM	25	0	22.38	22.51	22.40	23.7	2
10	16QAM	25	12	22.27	22.30	22.37		
10	16QAM	25	25	22.26	22.34	22.39		
10	16QAM	50	0	22.46	22.73	22.56		
10	64QAM	1	0	22.19	22.41	22.32	23.7	2
10	64QAM	1	25	22.07	22.43	22.26		
10	64QAM	1	49	22.25	22.51	22.16		
10	64QAM	25	0	21.42	21.61	21.55	22.7	3
10	64QAM	25	12	21.24	21.57	21.34		
10	64QAM	25	25	21.35	21.34	21.42		
10	64QAM	50	0	21.50	21.57	21.61		
10	256QAM	1	0	19.35	19.49	19.17	20.7	5
10	256QAM	1	25	19.25	19.44	19.27		
10	256QAM	1	49	19.31	19.23	19.26		
10	256QAM	25	0	19.43	19.39	19.42	20.7	5
10	256QAM	25	12	19.40	19.44	19.35		
10	256QAM	25	25	19.46	19.50	19.32		
10	256QAM	50	0	19.40	19.47	19.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.40	24.52	24.47	25.7	0
5	QPSK	1	12	24.37	24.45	24.55		
5	QPSK	1	24	24.44	24.39	24.37		
5	QPSK	12	0	23.58	23.77	23.60	24.7	1
5	QPSK	12	7	23.57	23.55	23.58		
5	QPSK	12	13	23.46	23.55	23.55		
5	QPSK	25	0	23.37	23.44	23.29		
5	16QAM	1	0	23.27	23.29	23.31	24.7	1
5	16QAM	1	12	23.15	23.11	23.19		
5	16QAM	1	24	23.21	23.34	23.21		
5	16QAM	12	0	22.40	22.40	22.33	23.7	2
5	16QAM	12	7	22.29	22.31	22.41		
5	16QAM	12	13	22.30	22.48	22.41		
5	16QAM	25	0	22.53	22.76	22.65		
5	64QAM	1	0	22.32	22.44	22.22	23.7	2
5	64QAM	1	12	22.13	22.41	22.14		
5	64QAM	1	24	22.19	22.58	22.10		
5	64QAM	12	0	21.43	21.64	21.58	22.7	3
5	64QAM	12	7	21.24	21.48	21.32		
5	64QAM	12	13	21.41	21.34	21.39		
5	64QAM	25	0	21.35	21.64	21.51		
5	256QAM	1	0	19.29	19.52	19.19	20.7	5
5	256QAM	1	12	19.25	19.38	19.33		
5	256QAM	1	24	19.22	19.30	19.20		
5	256QAM	12	0	19.35	19.41	19.32	20.7	5
5	256QAM	12	7	19.35	19.54	19.26		
5	256QAM	12	13	19.47	19.51	19.25		
5	256QAM	25	0	19.37	19.45	19.35		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.53	24.50	24.43	25.7	0
3	QPSK	1	8	24.45	24.49	24.55		
3	QPSK	1	14	24.32	24.43	24.33		
3	QPSK	8	0	23.61	23.76	23.69	24.7	1
3	QPSK	8	4	23.60	23.53	23.53		
3	QPSK	8	7	23.41	23.59	23.50		
3	QPSK	15	0	23.26	23.49	23.38		
3	16QAM	1	0	23.34	23.39	23.24	24.7	1
3	16QAM	1	8	23.21	23.13	23.22		
3	16QAM	1	14	23.24	23.32	23.25		
3	16QAM	8	0	22.41	22.50	22.41	23.7	2
3	16QAM	8	4	22.26	22.28	22.42		
3	16QAM	8	7	22.35	22.45	22.37		
3	16QAM	15	0	22.50	22.72	22.51		
3	64QAM	1	0	22.21	22.45	22.19	23.7	2
3	64QAM	1	8	22.08	22.32	22.23		
3	64QAM	1	14	22.28	22.51	22.13		
3	64QAM	8	0	21.30	21.61	21.58	22.7	3
3	64QAM	8	4	21.23	21.54	21.41		
3	64QAM	8	7	21.43	21.32	21.42		
3	64QAM	15	0	21.38	21.56	21.63		
3	256QAM	1	0	19.35	19.50	19.23	20.7	5
3	256QAM	1	8	19.27	19.37	19.23		
3	256QAM	1	14	19.35	19.18	19.24		
3	256QAM	8	0	19.34	19.45	19.35	20.7	5
3	256QAM	8	4	19.35	19.46	19.29		
3	256QAM	8	7	19.39	19.47	19.27		
3	256QAM	15	0	19.35	19.44	19.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.45	24.54	24.30	25.7	0
1.4	QPSK	1	3	24.36	24.44	24.43		
1.4	QPSK	1	5	24.30	24.34	24.38		
1.4	QPSK	3	0	24.34	24.44	24.38		
1.4	QPSK	3	1	24.39	24.50	24.46		
1.4	QPSK	3	3	24.31	24.34	24.37		
1.4	QPSK	6	0	23.57	23.70	23.65	24.7	1
1.4	16QAM	1	0	23.45	23.47	23.54	24.7	1
1.4	16QAM	1	3	23.45	23.58	23.48		
1.4	16QAM	1	5	23.23	23.40	23.30		
1.4	16QAM	3	0	23.24	23.29	23.22		
1.4	16QAM	3	1	23.04	23.05	23.20		
1.4	16QAM	3	3	23.12	23.27	23.14		
1.4	16QAM	6	0	22.37	22.35	22.29	23.7	2
1.4	64QAM	1	0	22.27	22.23	22.29	23.7	2
1.4	64QAM	1	3	22.21	22.37	22.27		
1.4	64QAM	1	5	22.46	22.64	22.60		
1.4	64QAM	3	0	22.19	22.30	22.26		
1.4	64QAM	3	1	22.08	22.28	22.08		
1.4	64QAM	3	3	22.13	22.50	22.02		
1.4	64QAM	6	0	21.39	21.32	21.24	22.7	3
1.4	256QAM	1	0	19.30	19.43	19.25	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.20		
1.4	256QAM	1	5	19.18	19.22	19.21		
1.4	256QAM	3	0	19.27	19.35	19.26		
1.4	256QAM	3	1	19.43	19.45	19.27		
1.4	256QAM	3	3	19.35	19.45	19.26		
1.4	256QAM	6	0	19.35	19.44	19.31	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.45	24.58	24.31	25.7	0
20	QPSK	1	49	24.31	24.40	24.35		
20	QPSK	1	99	24.37	24.37	24.39		
20	QPSK	50	0	23.58	23.70	23.61	24.7	1
20	QPSK	50	24	23.44	23.48	23.45		
20	QPSK	50	50	23.38	23.53	23.50		
20	QPSK	100	0	23.32	23.40	23.17		
20	16QAM	1	0	23.19	23.34	23.20	24.7	1
20	16QAM	1	49	23.11	23.15	23.12		
20	16QAM	1	99	23.11	23.30	23.25		
20	16QAM	50	0	22.34	22.34	22.35	23.7	2
20	16QAM	50	24	22.16	22.22	22.27		
20	16QAM	50	50	22.29	22.39	22.34		
20	16QAM	100	0	22.46	22.67	22.48		
20	64QAM	1	0	22.18	22.40	22.19	23.7	2
20	64QAM	1	49	22.14	22.35	22.20		
20	64QAM	1	99	22.15	22.46	22.09		
20	64QAM	50	0	21.21	21.46	21.55	22.7	3
20	64QAM	50	24	21.21	21.38	21.33		
20	64QAM	50	50	21.30	21.38	21.30		
20	64QAM	100	0	21.43	21.54	21.51		
20	256QAM	1	0	19.30	19.40	19.20	20.7	5
20	256QAM	1	49	19.18	19.37	19.17		
20	256QAM	1	99	19.16	19.18	19.20		
20	256QAM	50	0	19.43	19.42	19.36	20.7	5
20	256QAM	50	24	19.34	19.33	19.32		
20	256QAM	50	50	19.30	19.40	19.27		
20	256QAM	100	0	19.47	19.42	19.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.30	24.52	24.16	25.7	0
15	QPSK	1	37	24.16	24.24	24.17		
15	QPSK	1	74	24.33	24.34	24.27		
15	QPSK	36	0	23.54	23.61	23.48	24.7	1
15	QPSK	36	20	23.42	23.38	23.42		
15	QPSK	36	39	23.26	23.39	23.44		
15	QPSK	75	0	23.23	23.24	23.09		
15	16QAM	1	0	23.15	23.16	23.05	24.7	1
15	16QAM	1	37	23.07	22.98	22.98		
15	16QAM	1	74	23.03	23.20	23.10		
15	16QAM	36	0	22.31	22.29	22.30	23.7	2
15	16QAM	36	20	22.11	22.13	22.18		
15	16QAM	36	39	22.19	22.28	22.28		
15	16QAM	75	0	22.34	22.58	22.36		
15	64QAM	1	0	22.00	22.37	22.06	23.7	2
15	64QAM	1	37	21.97	22.27	22.05		
15	64QAM	1	74	22.10	22.40	22.04		
15	64QAM	36	0	21.11	21.44	21.43	22.7	3
15	64QAM	36	20	21.16	21.33	21.24		
15	64QAM	36	39	21.19	21.21	21.16		
15	64QAM	75	0	21.36	21.49	21.39		
15	256QAM	1	0	19.23	19.29	19.09	20.7	5
15	256QAM	1	37	19.05	19.26	19.11		
15	256QAM	1	74	19.07	19.01	19.04		
15	256QAM	36	0	19.26	19.35	19.33	20.7	5
15	256QAM	36	20	19.16	19.21	19.26		
15	256QAM	36	39	19.27	19.25	19.23		
15	256QAM	75	0	19.40	19.26	19.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.32	24.50	24.13	25.7	0
10	QPSK	1	25	24.17	24.28	24.29		
10	QPSK	1	49	24.22	24.19	24.24		
10	QPSK	25	0	23.40	23.67	23.59	24.7	1
10	QPSK	25	12	23.27	23.30	23.27		
10	QPSK	25	25	23.31	23.38	23.43		
10	QPSK	50	0	23.28	23.36	22.99		
10	16QAM	1	0	23.04	23.20	23.18	24.7	1
10	16QAM	1	25	23.03	23.12	23.00		
10	16QAM	1	49	23.00	23.14	23.18		
10	16QAM	25	0	22.30	22.31	22.30	23.7	2
10	16QAM	25	12	22.01	22.19	22.14		
10	16QAM	25	25	22.22	22.35	22.32		
10	16QAM	50	0	22.40	22.60	22.45		
10	64QAM	1	0	22.07	22.37	22.13	23.7	2
10	64QAM	1	25	22.10	22.28	22.06		
10	64QAM	1	49	21.98	22.35	22.01		
10	64QAM	25	0	21.03	21.29	21.42	22.7	3
10	64QAM	25	12	21.13	21.25	21.25		
10	64QAM	25	25	21.26	21.32	21.13		
10	64QAM	50	0	21.27	21.41	21.39		
10	256QAM	1	0	19.16	19.27	19.17	20.7	5
10	256QAM	1	25	19.10	19.21	19.02		
10	256QAM	1	49	19.06	19.04	19.13		
10	256QAM	25	0	19.31	19.30	19.21	20.7	5
10	256QAM	25	12	19.27	19.19	19.16		
10	256QAM	25	25	19.18	19.32	19.18		
10	256QAM	50	0	19.36	19.30	19.23		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.39	24.47	24.26	25.7	0
5	QPSK	1	12	24.13	24.38	24.18		
5	QPSK	1	24	24.21	24.25	24.24		
5	QPSK	12	0	23.41	23.67	23.57	24.7	1
5	QPSK	12	7	23.28	23.33	23.40		
5	QPSK	12	13	23.32	23.36	23.35		
5	QPSK	25	0	23.26	23.36	23.13		
5	16QAM	1	0	23.02	23.27	23.11	24.7	1
5	16QAM	1	12	23.06	23.01	23.00		
5	16QAM	1	24	23.05	23.20	23.17		
5	16QAM	12	0	22.20	22.25	22.30	23.7	2
5	16QAM	12	7	22.03	22.12	22.16		
5	16QAM	12	13	22.21	22.22	22.18		
5	16QAM	25	0	22.31	22.52	22.38		
5	64QAM	1	0	22.07	22.36	22.07	23.7	2
5	64QAM	1	12	22.10	22.18	22.08		
5	64QAM	1	24	22.04	22.41	21.94		
5	64QAM	12	0	21.07	21.37	21.48	22.7	3
5	64QAM	12	7	21.09	21.20	21.21		
5	64QAM	12	13	21.15	21.33	21.21		
5	64QAM	25	0	21.30	21.42	21.36		
5	256QAM	1	0	19.21	19.24	19.03	20.7	5
5	256QAM	1	12	19.11	19.20	19.03		
5	256QAM	1	24	19.03	19.11	19.09		
5	256QAM	12	0	19.29	19.33	19.30	20.7	5
5	256QAM	12	7	19.31	19.21	19.20		
5	256QAM	12	13	19.15	19.34	19.17		
5	256QAM	25	0	19.40	19.24	19.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.40	24.36	24.52	24.29	24.33	25.7	0
20	QPSK	1	49	24.22	24.33	24.40	24.35	24.24		
20	QPSK	1	99	24.26	24.33	24.29	24.30	24.28		
20	QPSK	50	0	23.54	23.46	23.64	23.57	23.47	24.7	1
20	QPSK	50	24	23.38	23.38	23.50	23.38	23.35		
20	QPSK	50	50	23.47	23.43	23.57	23.43	23.39		
20	QPSK	100	0	23.21	23.27	23.39	23.20	23.18		
20	16QAM	1	0	23.11	23.20	23.21	23.14	23.14	24.7	1
20	16QAM	1	49	22.92	23.10	23.04	23.11	23.11		
20	16QAM	1	99	23.10	23.03	23.27	23.15	23.05		
20	16QAM	50	0	22.17	22.31	22.33	22.29	22.30	23.7	2
20	16QAM	50	24	22.13	22.15	22.15	22.32	22.19		
20	16QAM	50	50	22.19	22.20	22.37	22.25	22.22		
20	16QAM	100	0	22.52	22.41	22.62	22.45	22.38		
20	64QAM	1	0	22.16	22.20	22.28	22.25	22.07	23.7	2
20	64QAM	1	49	22.19	22.16	22.25	22.16	22.09		
20	64QAM	1	99	22.34	22.01	22.42	22.01	22.00		
20	64QAM	50	0	21.34	21.27	21.41	21.43	21.17	22.7	3
20	64QAM	50	24	21.21	21.18	21.33	21.21	21.18		
20	64QAM	50	50	21.21	21.20	21.30	21.30	21.17		
20	64QAM	100	0	21.49	21.40	21.51	21.49	21.38		
20	256QAM	1	0	19.36	19.27	19.36	19.18	19.21	20.7	5
20	256QAM	1	49	19.12	19.19	19.30	19.14	19.10		
20	256QAM	1	99	19.02	19.12	19.22	19.10	19.14		
20	256QAM	50	0	19.22	19.40	19.34	19.28	19.34	20.7	5
20	256QAM	50	24	19.19	19.34	19.36	19.23	19.29		
20	256QAM	50	50	19.31	19.35	19.40	19.22	19.30		
20	256QAM	100	0	19.36	19.39	19.37	19.36	19.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.27	24.25	24.47	24.16	24.23	26	0
15	QPSK	1	37	24.18	24.29	24.35	24.28	24.10		
15	QPSK	1	74	24.14	24.26	24.21	24.28	24.19		
15	QPSK	36	0	23.37	23.33	23.48	23.43	23.30	24.7	1
15	QPSK	36	20	23.24	23.36	23.34	23.33	23.30		
15	QPSK	36	39	23.36	23.36	23.51	23.36	23.23		
15	QPSK	75	0	23.13	23.17	23.26	23.13	23.04		
15	16QAM	1	0	23.07	23.04	23.10	22.98	23.03	24.7	1
15	16QAM	1	37	22.87	23.06	22.95	23.02	22.96		
15	16QAM	1	74	22.99	22.86	23.24	22.98	23.02		
15	16QAM	36	0	22.08	22.16	22.23	22.12	22.13	23.7	2
15	16QAM	36	20	22.03	22.12	22.06	22.20	22.11		
15	16QAM	36	39	22.04	22.13	22.28	22.17	22.08		
15	16QAM	75	0	22.50	22.27	22.52	22.31	22.23		
15	64QAM	1	0	22.13	22.12	22.22	22.10	21.91	23.7	2
15	64QAM	1	37	22.07	22.09	22.09	22.12	21.99		
15	64QAM	1	74	22.17	21.88	22.29	21.84	21.88		
15	64QAM	36	0	21.17	21.17	21.24	21.37	21.08	22.7	3
15	64QAM	36	20	21.06	21.04	21.30	21.06	21.06		
15	64QAM	36	39	21.15	21.08	21.25	21.26	21.10		
15	64QAM	75	0	21.45	21.30	21.35	21.45	21.33		
15	256QAM	1	0	19.23	19.12	19.29	19.03	19.04	20.7	5
15	256QAM	1	37	19.02	19.12	19.24	19.03	19.08		
15	256QAM	1	74	18.94	19.08	19.09	19.08	19.05		
15	256QAM	36	0	19.14	19.34	19.17	19.24	19.19	20.7	5
15	256QAM	36	20	19.03	19.25	19.19	19.16	19.13		
15	256QAM	36	39	19.22	19.24	19.30	19.16	19.13		
15	256QAM	75	0	19.29	19.27	19.28	19.32	19.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.37	24.30	24.39	24.20	24.27	26	0
10	QPSK	1	25	24.16	24.20	24.33	24.28	24.06		
10	QPSK	1	49	24.13	24.20	24.17	24.18	24.19		
10	QPSK	25	0	23.37	23.38	23.48	23.51	23.34	24.7	1
10	QPSK	25	12	23.34	23.30	23.44	23.25	23.22		
10	QPSK	25	25	23.38	23.38	23.52	23.29	23.28		
10	QPSK	50	0	23.07	23.15	23.27	23.06	23.00		
10	16QAM	1	0	22.96	23.06	23.11	22.98	22.98	24.7	1
10	16QAM	1	25	22.75	23.02	23.00	23.04	23.04		
10	16QAM	1	49	22.98	22.90	23.19	23.07	22.89		
10	16QAM	25	0	22.05	22.20	22.23	22.11	22.27	23.7	2
10	16QAM	25	12	21.98	22.01	22.08	22.20	22.01		
10	16QAM	25	25	22.06	22.09	22.31	22.15	22.07		
10	16QAM	50	0	22.49	22.28	22.46	22.27	22.28		
10	64QAM	1	0	22.04	22.03	22.20	22.09	21.92	23.7	2
10	64QAM	1	25	22.11	22.08	22.16	22.10	22.06		
10	64QAM	1	49	22.26	21.99	22.26	21.87	21.84		
10	64QAM	25	0	21.19	21.15	21.29	21.37	21.11	22.7	3
10	64QAM	25	12	21.13	21.02	21.18	21.09	21.07		
10	64QAM	25	25	21.11	21.09	21.23	21.14	21.15		
10	64QAM	50	0	21.31	21.31	21.45	21.45	21.31		
10	256QAM	1	0	19.24	19.14	19.24	19.00	19.18	20.7	5
10	256QAM	1	25	19.08	19.11	19.17	19.01	19.06		
10	256QAM	1	49	18.93	19.07	19.14	18.96	19.10		
10	256QAM	25	0	19.06	19.24	19.29	19.22	19.30	20.7	5
10	256QAM	25	12	19.09	19.17	19.29	19.14	19.15		
10	256QAM	25	25	19.26	19.19	19.37	19.13	19.20		
10	256QAM	50	0	19.30	19.34	19.24	19.24	19.23		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.19	24.17	24.29	24.19	24.22	26	0
5	QPSK	1	12	24.10	24.13	24.28	24.17	24.11		
5	QPSK	1	24	24.09	24.18	24.14	24.13	24.05		
5	QPSK	12	0	23.44	23.30	23.46	23.37	23.27	24.7	1
5	QPSK	12	7	23.21	23.27	23.30	23.23	23.11		
5	QPSK	12	13	23.37	23.28	23.36	23.20	23.29		
5	QPSK	25	0	23.02	23.13	23.18	23.08	23.01		
5	16QAM	1	0	22.92	23.01	23.00	23.01	22.97	24.7	1
5	16QAM	1	12	22.70	22.89	22.93	23.02	22.90		
5	16QAM	1	24	22.99	22.89	23.06	22.92	22.97		
5	16QAM	12	0	21.96	22.18	22.25	22.11	22.11	23.7	2
5	16QAM	12	7	22.02	21.98	21.93	22.16	21.96		
5	16QAM	12	13	21.97	22.01	22.15	22.03	22.03		
5	16QAM	25	0	22.34	22.20	22.48	22.31	22.24		
5	64QAM	1	0	21.97	22.07	22.14	22.08	21.94	23.7	2
5	64QAM	1	12	22.00	22.00	22.15	21.99	21.95		
5	64QAM	1	24	22.15	21.87	22.22	21.86	21.82		
5	64QAM	12	0	21.19	21.17	21.21	21.29	21.07	22.7	3
5	64QAM	12	7	21.07	21.08	21.14	21.07	21.04		
5	64QAM	12	13	21.06	21.08	21.20	21.07	20.96		
5	64QAM	25	0	21.37	21.31	21.39	21.38	21.26		
5	256QAM	1	0	19.22	19.05	19.27	19.00	19.00	20.7	5
5	256QAM	1	12	19.00	19.00	19.10	18.99	18.93		
5	256QAM	1	24	18.91	18.99	19.01	18.87	19.03		
5	256QAM	12	0	19.01	19.16	19.13	19.18	19.20	20.7	5
5	256QAM	12	7	19.04	19.25	19.16	19.10	19.12		
5	256QAM	12	13	19.20	19.25	19.26	19.06	19.08		
5	256QAM	25	0	19.19	19.30	19.16	19.27	19.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.38	18.61	18.57	20	0
20	QPSK	1	49	18.55	18.51	18.45		
20	QPSK	1	99	18.37	18.50	18.35		
20	QPSK	50	0	18.34	18.43	18.41	20	0
20	QPSK	50	24	18.40	18.40	18.35		
20	QPSK	50	50	18.37	18.42	18.23		
20	QPSK	100	0	18.23	18.28	18.26		
20	16QAM	1	0	18.27	18.32	18.38	20	0
20	16QAM	1	49	18.27	18.35	18.33		
20	16QAM	1	99	18.27	18.22	18.32		
20	16QAM	50	0	18.33	18.26	18.41	20	0
20	16QAM	50	24	18.33	18.33	18.43		
20	16QAM	50	50	18.48	18.43	18.43		
20	16QAM	100	0	18.32	18.56	18.41		
20	64QAM	1	0	18.40	18.39	18.48	20	0
20	64QAM	1	49	18.35	18.30	18.44		
20	64QAM	1	99	18.33	18.57	18.37		
20	64QAM	50	0	18.35	18.47	18.29	20	0
20	64QAM	50	24	18.38	18.45	18.26		
20	64QAM	50	50	18.25	18.54	18.48		
20	64QAM	100	0	18.40	18.37	18.47		
20	256QAM	1	0	18.30	18.43	18.38	20	0
20	256QAM	1	49	18.22	18.48	18.40		
20	256QAM	1	99	18.38	18.50	18.36		
20	256QAM	50	0	18.37	18.41	18.40	20	0
20	256QAM	50	24	18.29	18.45	18.38		
20	256QAM	50	50	18.34	18.42	18.49		
20	256QAM	100	0	18.35	18.47	18.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.24	18.37	18.29	20	0
15	QPSK	1	37	18.30	18.30	18.21		
15	QPSK	1	74	18.11	18.27	18.23		
15	QPSK	36	0	18.09	18.24	18.13	20	0
15	QPSK	36	20	18.11	18.04	18.08		
15	QPSK	36	39	18.07	18.17	18.01		
15	QPSK	75	0	18.08	18.10	18.06		
15	16QAM	1	0	18.06	18.11	18.04	20	0
15	16QAM	1	37	18.05	18.00	18.07		
15	16QAM	1	74	18.01	18.04	18.10		
15	16QAM	36	0	18.15	18.10	18.09	20	0
15	16QAM	36	20	18.09	18.06	18.16		
15	16QAM	36	39	18.22	18.14	18.21		
15	16QAM	75	0	18.08	18.28	18.20		
15	64QAM	1	0	18.15	18.15	18.19	20	0
15	64QAM	1	37	18.04	18.16	18.25		
15	64QAM	1	74	18.20	18.19	18.12		
15	64QAM	36	0	18.11	18.11	18.06	20	0
15	64QAM	36	20	18.07	18.11	18.12		
15	64QAM	36	39	18.13	18.22	18.19		
15	64QAM	75	0	18.12	18.22	18.19		
15	256QAM	1	0	18.05	18.15	18.04	20	0
15	256QAM	1	37	18.01	18.30	18.09		
15	256QAM	1	74	18.23	18.09	18.21		
15	256QAM	36	0	18.19	18.26	18.18	20	0
15	256QAM	36	20	18.05	18.11	18.19		
15	256QAM	36	39	18.04	18.15	18.12		
15	256QAM	75	0	18.12	18.09	18.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.20	18.33	18.30	20	0
10	QPSK	1	25	18.21	18.30	18.20		
10	QPSK	1	49	18.18	18.18	18.17		
10	QPSK	25	0	18.06	18.31	18.15	20	0
10	QPSK	25	12	18.14	18.08	18.04		
10	QPSK	25	25	18.09	18.12	18.08		
10	QPSK	50	0	18.05	18.14	18.02		
10	16QAM	1	0	18.04	18.08	18.08	20	0
10	16QAM	1	25	18.08	18.08	18.05		
10	16QAM	1	49	18.05	18.07	18.07		
10	16QAM	25	0	18.05	18.13	18.04	20	0
10	16QAM	25	12	18.09	18.10	18.25		
10	16QAM	25	25	18.22	18.14	18.13		
10	16QAM	50	0	18.12	18.23	18.09		
10	64QAM	1	0	18.11	18.14	18.12	20	0
10	64QAM	1	25	18.12	18.01	18.22		
10	64QAM	1	49	18.10	18.19	18.17		
10	64QAM	25	0	18.11	18.14	18.10	20	0
10	64QAM	25	12	18.15	18.16	18.00		
10	64QAM	25	25	18.06	18.15	18.28		
10	64QAM	50	0	18.16	18.18	18.23		
10	256QAM	1	0	18.03	18.18	18.06	20	0
10	256QAM	1	25	18.09	18.35	18.17		
10	256QAM	1	49	18.26	18.16	18.18		
10	256QAM	25	0	18.10	18.17	18.13	20	0
10	256QAM	25	12	18.04	18.17	18.12		
10	256QAM	25	25	18.13	18.22	18.24		
10	256QAM	50	0	18.05	18.21	18.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.27	18.32	18.18	20	0
5	QPSK	1	12	18.28	18.19	18.30		
5	QPSK	1	24	18.18	18.28	18.19		
5	QPSK	12	0	18.07	18.19	18.09	20	0
5	QPSK	12	7	18.03	18.15	18.01		
5	QPSK	12	13	18.08	18.12	18.06		
5	QPSK	25	0	18.07	18.11	18.04		
5	16QAM	1	0	18.00	18.11	18.06	20	0
5	16QAM	1	12	18.02	18.06	18.03		
5	16QAM	1	24	18.02	18.09	18.04		
5	16QAM	12	0	18.10	18.07	18.08	20	0
5	16QAM	12	7	18.18	18.11	18.27		
5	16QAM	12	13	18.19	18.09	18.23		
5	16QAM	25	0	18.01	18.28	18.16		
5	64QAM	1	0	18.09	18.08	18.18	20	0
5	64QAM	1	12	18.09	18.03	18.11		
5	64QAM	1	24	18.08	18.21	18.14		
5	64QAM	12	0	18.15	18.13	18.17	20	0
5	64QAM	12	7	18.07	18.08	18.06		
5	64QAM	12	13	18.02	18.21	18.23		
5	64QAM	25	0	18.19	18.23	18.11		
5	256QAM	1	0	18.06	18.22	18.05	20	0
5	256QAM	1	12	18.06	18.34	18.08		
5	256QAM	1	24	18.11	18.15	18.13		
5	256QAM	12	0	18.07	18.20	18.11	20	0
5	256QAM	12	7	18.03	18.23	18.14		
5	256QAM	12	13	18.15	18.17	18.12		
5	256QAM	25	0	18.14	18.17	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.13	18.40	18.29	20	0
3	QPSK	1	8	18.19	18.26	18.21		
3	QPSK	1	14	18.15	18.18	18.13		
3	QPSK	8	0	18.03	18.28	18.07	20	0
3	QPSK	8	4	18.08	18.12	18.01		
3	QPSK	8	7	18.07	18.12	18.01		
3	QPSK	15	0	18.05	18.09	18.09		
3	16QAM	1	0	18.07	18.04	18.17	20	0
3	16QAM	1	8	18.02	18.08	18.16		
3	16QAM	1	14	18.03	18.00	18.03		
3	16QAM	8	0	18.06	18.00	18.02	20	0
3	16QAM	8	4	18.19	18.02	18.24		
3	16QAM	8	7	18.08	18.07	18.09		
3	16QAM	15	0	18.03	18.26	18.08		
3	64QAM	1	0	18.11	18.14	18.17	20	0
3	64QAM	1	8	18.04	18.06	18.10		
3	64QAM	1	14	18.09	18.30	18.16		
3	64QAM	8	0	18.21	18.26	18.15	20	0
3	64QAM	8	4	18.15	18.19	18.05		
3	64QAM	8	7	18.06	18.14	18.29		
3	64QAM	15	0	18.10	18.21	18.20		
3	256QAM	1	0	18.14	18.25	18.11	20	0
3	256QAM	1	8	18.03	18.36	18.08		
3	256QAM	1	14	18.15	18.13	18.07		
3	256QAM	8	0	18.09	18.22	18.16	20	0
3	256QAM	8	4	18.06	18.20	18.18		
3	256QAM	8	7	18.01	18.15	18.20		
3	256QAM	15	0	18.09	18.21	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.18	18.39	18.20	20	0
1.4	QPSK	1	3	18.21	18.19	18.26		
1.4	QPSK	1	5	18.21	18.25	18.19		
1.4	QPSK	3	0	18.02	18.28	18.08		
1.4	QPSK	3	1	18.12	18.06	18.08		
1.4	QPSK	3	3	18.08	18.16	18.08		
1.4	QPSK	6	0	18.02	18.04	18.07	20	0
1.4	16QAM	1	0	18.06	18.01	18.05	20	0
1.4	16QAM	1	3	18.00	18.04	18.16		
1.4	16QAM	1	5	18.06	18.01	18.01		
1.4	16QAM	3	0	18.15	18.14	18.15		
1.4	16QAM	3	1	18.17	18.10	18.22		
1.4	16QAM	3	3	18.22	18.11	18.17		
1.4	16QAM	6	0	18.04	18.21	18.10	20	0
1.4	64QAM	1	0	18.04	18.04	18.23	20	0
1.4	64QAM	1	3	18.06	18.06	18.09		
1.4	64QAM	1	5	18.14	18.28	18.13		
1.4	64QAM	3	0	18.22	18.14	18.18		
1.4	64QAM	3	1	18.07	18.05	18.05		
1.4	64QAM	3	3	18.12	18.29	18.17		
1.4	64QAM	6	0	18.13	18.22	18.20	20	0
1.4	256QAM	1	0	18.06	18.25	18.05	20	0
1.4	256QAM	1	3	18.05	18.29	18.05		
1.4	256QAM	1	5	18.21	18.23	18.22		
1.4	256QAM	3	0	18.03	18.19	18.07		
1.4	256QAM	3	1	18.02	18.16	18.15		
1.4	256QAM	3	3	18.15	18.12	18.12		
1.4	256QAM	6	0	18.08	18.11	18.07	20	0

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.69	19.77	19.68	20.7	0
20	QPSK	1	49	19.60	19.74	19.65		
20	QPSK	1	99	19.53	19.64	19.65		
20	QPSK	50	0	19.48	19.62	19.59	20.7	0
20	QPSK	50	24	19.56	19.47	19.48		
20	QPSK	50	50	19.51	19.45	19.52		
20	QPSK	100	0	19.26	19.44	19.34		
20	16QAM	1	0	19.37	19.55	19.59	20.7	0
20	16QAM	1	49	19.44	19.37	19.50		
20	16QAM	1	99	19.34	19.40	19.45		
20	16QAM	50	0	19.54	19.50	19.51	20.7	0
20	16QAM	50	24	19.53	19.56	19.64		
20	16QAM	50	50	19.62	19.49	19.56		
20	16QAM	100	0	19.42	19.71	19.53		
20	64QAM	1	0	19.58	19.48	19.65	20.7	0
20	64QAM	1	49	19.51	19.47	19.60		
20	64QAM	1	99	19.59	19.70	19.51		
20	64QAM	50	0	19.62	19.55	19.54	20.7	0
20	64QAM	50	24	19.45	19.51	19.55		
20	64QAM	50	50	19.55	19.65	19.70		
20	64QAM	100	0	19.51	19.52	19.59		
20	256QAM	1	0	19.49	19.68	19.59	20.7	0
20	256QAM	1	49	19.42	19.71	19.50		
20	256QAM	1	99	19.56	19.51	19.53		
20	256QAM	50	0	19.45	19.70	19.49	20.7	0
20	256QAM	50	24	19.38	19.63	19.50		
20	256QAM	50	50	19.52	19.55	19.57		
20	256QAM	100	0	19.54	19.65	19.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.56	19.64	19.48	20.7	0
15	QPSK	1	37	19.50	19.62	19.50		
15	QPSK	1	74	19.57	19.57	19.53		
15	QPSK	36	0	19.38	19.49	19.39	20.7	0
15	QPSK	36	20	19.36	19.46	19.32		
15	QPSK	36	39	19.37	19.41	19.32		
15	QPSK	75	0	19.31	19.37	19.18		
15	16QAM	1	0	19.35	19.38	19.47	20.7	0
15	16QAM	1	37	19.42	19.32	19.46		
15	16QAM	1	74	19.35	19.38	19.37		
15	16QAM	36	0	19.46	19.36	19.47	20.7	0
15	16QAM	36	20	19.50	19.43	19.58		
15	16QAM	36	39	19.41	19.47	19.46		
15	16QAM	75	0	19.43	19.54	19.45		
15	64QAM	1	0	19.49	19.40	19.58	20.7	0
15	64QAM	1	37	19.43	19.37	19.54		
15	64QAM	1	74	19.50	19.58	19.44		
15	64QAM	36	0	19.49	19.53	19.35	20.7	0
15	64QAM	36	20	19.44	19.48	19.39		
15	64QAM	36	39	19.44	19.52	19.53		
15	64QAM	75	0	19.50	19.46	19.53		
15	256QAM	1	0	19.46	19.50	19.50	20.7	0
15	256QAM	1	37	19.35	19.59	19.42		
15	256QAM	1	74	19.56	19.56	19.38		
15	256QAM	36	0	19.36	19.49	19.54	20.7	0
15	256QAM	36	20	19.37	19.40	19.39		
15	256QAM	36	39	19.42	19.39	19.54		
15	256QAM	75	0	19.42	19.50	19.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.63	19.57	20.7	0
10	QPSK	1	25	19.56	19.60	19.59		
10	QPSK	1	49	19.42	19.49	19.42		
10	QPSK	25	0	19.37	19.58	19.35	20.7	0
10	QPSK	25	12	19.33	19.46	19.44		
10	QPSK	25	25	19.34	19.49	19.32		
10	QPSK	50	0	19.29	19.47	19.23		
10	16QAM	1	0	19.25	19.45	19.43	20.7	0
10	16QAM	1	25	19.32	19.28	19.39		
10	16QAM	1	49	19.33	19.38	19.35		
10	16QAM	25	0	19.44	19.41	19.37	20.7	0
10	16QAM	25	12	19.52	19.45	19.52		
10	16QAM	25	25	19.51	19.35	19.48		
10	16QAM	50	0	19.31	19.52	19.55		
10	64QAM	1	0	19.42	19.44	19.55	20.7	0
10	64QAM	1	25	19.34	19.36	19.47		
10	64QAM	1	49	19.38	19.48	19.43		
10	64QAM	25	0	19.39	19.48	19.34	20.7	0
10	64QAM	25	12	19.40	19.39	19.35		
10	64QAM	25	25	19.37	19.59	19.62		
10	64QAM	50	0	19.49	19.45	19.50		
10	256QAM	1	0	19.38	19.50	19.38	20.7	0
10	256QAM	1	25	19.35	19.65	19.51		
10	256QAM	1	49	19.48	19.41	19.47		
10	256QAM	25	0	19.44	19.48	19.48	20.7	0
10	256QAM	25	12	19.29	19.44	19.47		
10	256QAM	25	25	19.34	19.53	19.51		
10	256QAM	50	0	19.45	19.43	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.46	19.58	19.55	20.7	0
5	QPSK	1	12	19.62	19.64	19.51		
5	QPSK	1	24	19.53	19.55	19.41		
5	QPSK	12	0	19.31	19.52	19.41	20.7	0
5	QPSK	12	7	19.36	19.46	19.35		
5	QPSK	12	13	19.44	19.46	19.28		
5	QPSK	25	0	19.27	19.44	19.28		
5	16QAM	1	0	19.36	19.33	19.46	20.7	0
5	16QAM	1	12	19.35	19.31	19.47		
5	16QAM	1	24	19.33	19.29	19.41		
5	16QAM	12	0	19.38	19.32	19.41	20.7	0
5	16QAM	12	7	19.39	19.41	19.52		
5	16QAM	12	13	19.47	19.39	19.41		
5	16QAM	25	0	19.31	19.52	19.49		
5	64QAM	1	0	19.47	19.46	19.43	20.7	0
5	64QAM	1	12	19.35	19.45	19.43		
5	64QAM	1	24	19.42	19.60	19.40		
5	64QAM	12	0	19.39	19.44	19.42	20.7	0
5	64QAM	12	7	19.43	19.52	19.37		
5	64QAM	12	13	19.37	19.52	19.63		
5	64QAM	25	0	19.43	19.45	19.55		
5	256QAM	1	0	19.39	19.58	19.45	20.7	0
5	256QAM	1	12	19.35	19.57	19.47		
5	256QAM	1	24	19.57	19.53	19.48		
5	256QAM	12	0	19.36	19.46	19.45	20.7	0
5	256QAM	12	7	19.36	19.52	19.54		
5	256QAM	12	13	19.42	19.45	19.48		
5	256QAM	25	0	19.33	19.55	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.56	19.66	19.61	20.7	0
3	QPSK	1	8	19.57	19.65	19.50		
3	QPSK	1	14	19.55	19.55	19.52		
3	QPSK	8	0	19.34	19.54	19.42	20.7	0
3	QPSK	8	4	19.46	19.45	19.32		
3	QPSK	8	7	19.37	19.38	19.28		
3	QPSK	15	0	19.28	19.47	19.24		
3	16QAM	1	0	19.27	19.35	19.39	20.7	0
3	16QAM	1	8	19.33	19.36	19.35		
3	16QAM	1	14	19.28	19.39	19.38		
3	16QAM	8	0	19.43	19.32	19.45	20.7	0
3	16QAM	8	4	19.48	19.47	19.53		
3	16QAM	8	7	19.55	19.44	19.50		
3	16QAM	15	0	19.34	19.59	19.55		
3	64QAM	1	0	19.42	19.43	19.50	20.7	0
3	64QAM	1	8	19.43	19.38	19.48		
3	64QAM	1	14	19.48	19.62	19.46		
3	64QAM	8	0	19.43	19.55	19.46	20.7	0
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.33	19.60	19.58		
3	64QAM	15	0	19.37	19.46	19.52		
3	256QAM	1	0	19.34	19.49	19.43	20.7	0
3	256QAM	1	8	19.33	19.53	19.38		
3	256QAM	1	14	19.42	19.41	19.42		
3	256QAM	8	0	19.38	19.60	19.52	20.7	0
3	256QAM	8	4	19.41	19.45	19.49		
3	256QAM	8	7	19.36	19.49	19.52		
3	256QAM	15	0	19.42	19.56	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.55	19.70	19.50	20.7	0
1.4	QPSK	1	3	19.61	19.56	19.56		
1.4	QPSK	1	5	19.46	19.50	19.55		
1.4	QPSK	3	0	19.39	19.63	19.41		
1.4	QPSK	3	1	19.48	19.45	19.40		
1.4	QPSK	3	3	19.31	19.46	19.36		
1.4	QPSK	6	0	19.22	19.41	19.17	20.7	0
1.4	16QAM	1	0	19.39	19.39	19.50	20.7	0
1.4	16QAM	1	3	19.30	19.29	19.44		
1.4	16QAM	1	5	19.30	19.33	19.35		
1.4	16QAM	3	0	19.42	19.43	19.34		
1.4	16QAM	3	1	19.43	19.40	19.49		
1.4	16QAM	3	3	19.55	19.46	19.43		
1.4	16QAM	6	0	19.38	19.52	19.49	20.7	0
1.4	64QAM	1	0	19.42	19.39	19.54	20.7	0
1.4	64QAM	1	3	19.34	19.47	19.51		
1.4	64QAM	1	5	19.50	19.50	19.50		
1.4	64QAM	3	0	19.51	19.52	19.45		
1.4	64QAM	3	1	19.40	19.37	19.40		
1.4	64QAM	3	3	19.40	19.61	19.63		
1.4	64QAM	6	0	19.44	19.46	19.52	20.7	0
1.4	256QAM	1	0	19.50	19.57	19.48	20.7	0
1.4	256QAM	1	3	19.33	19.58	19.36		
1.4	256QAM	1	5	19.46	19.53	19.42		
1.4	256QAM	3	0	19.37	19.50	19.41		
1.4	256QAM	3	1	19.34	19.54	19.42		
1.4	256QAM	3	3	19.40	19.46	19.56		
1.4	256QAM	6	0	19.42	19.42	19.42	20.7	0

Band 7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.49	19.69	19.61	20.7	0
20	QPSK	1	49	19.57	19.66	19.49		
20	QPSK	1	99	19.50	19.52	19.55		
20	QPSK	50	0	19.35	19.62	19.41	20.7	0
20	QPSK	50	24	19.41	19.37	19.31		
20	QPSK	50	50	19.32	19.40	19.41		
20	QPSK	100	0	19.25	19.33	19.29		
20	16QAM	1	0	19.27	19.48	19.48	20.7	0
20	16QAM	1	49	19.31	19.27	19.40		
20	16QAM	1	99	19.32	19.33	19.28		
20	16QAM	50	0	19.45	19.44	19.46	20.7	0
20	16QAM	50	24	19.45	19.47	19.52		
20	16QAM	50	50	19.52	19.46	19.49		
20	16QAM	100	0	19.29	19.54	19.43		
20	64QAM	1	0	19.45	19.49	19.55	20.7	0
20	64QAM	1	49	19.48	19.37	19.45		
20	64QAM	1	99	19.52	19.58	19.46		
20	64QAM	50	0	19.53	19.51	19.47	20.7	0
20	64QAM	50	24	19.42	19.46	19.46		
20	64QAM	50	50	19.43	19.61	19.52		
20	64QAM	100	0	19.40	19.42	19.52		
20	256QAM	1	0	19.35	19.57	19.42	20.7	0
20	256QAM	1	49	19.39	19.61	19.47		
20	256QAM	1	99	19.49	19.56	19.40		
20	256QAM	50	0	19.38	19.59	19.53	20.7	0
20	256QAM	50	24	19.35	19.57	19.48		
20	256QAM	50	50	19.35	19.51	19.47		
20	256QAM	100	0	19.46	19.45	19.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.35	19.56	19.49	20.7	0
15	QPSK	1	37	19.41	19.46	19.45		
15	QPSK	1	74	19.40	19.42	19.33		
15	QPSK	36	0	19.29	19.50	19.32	20.7	0
15	QPSK	36	20	19.24	19.40	19.23		
15	QPSK	36	39	19.33	19.29	19.28		
15	QPSK	75	0	19.07	19.35	19.08		
15	16QAM	1	0	19.30	19.30	19.40	20.7	0
15	16QAM	1	37	19.19	19.31	19.37		
15	16QAM	1	74	19.17	19.17	19.26		
15	16QAM	36	0	19.40	19.28	19.23	20.7	0
15	16QAM	36	20	19.38	19.27	19.48		
15	16QAM	36	39	19.46	19.37	19.42		
15	16QAM	75	0	19.25	19.52	19.40		
15	64QAM	1	0	19.40	19.41	19.38	20.7	0
15	64QAM	1	37	19.37	19.39	19.44		
15	64QAM	1	74	19.32	19.47	19.41		
15	64QAM	36	0	19.37	19.41	19.28	20.7	0
15	64QAM	36	20	19.24	19.28	19.28		
15	64QAM	36	39	19.31	19.45	19.52		
15	64QAM	75	0	19.43	19.37	19.49		
15	256QAM	1	0	19.40	19.45	19.39	20.7	0
15	256QAM	1	37	19.32	19.59	19.30		
15	256QAM	1	74	19.46	19.37	19.39		
15	256QAM	36	0	19.29	19.40	19.32	20.7	0
15	256QAM	36	20	19.26	19.35	19.42		
15	256QAM	36	39	19.35	19.44	19.34		
15	256QAM	75	0	19.28	19.34	19.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.38	19.56	19.40	20.7	0
10	QPSK	1	25	19.44	19.56	19.53		
10	QPSK	1	49	19.35	19.52	19.34		
10	QPSK	25	0	19.28	19.45	19.32	20.7	0
10	QPSK	25	12	19.36	19.38	19.32		
10	QPSK	25	25	19.28	19.27	19.26		
10	QPSK	50	0	19.18	19.26	19.13		
10	16QAM	1	0	19.22	19.24	19.39	20.7	0
10	16QAM	1	25	19.31	19.26	19.32		
10	16QAM	1	49	19.21	19.29	19.30		
10	16QAM	25	0	19.40	19.31	19.35	20.7	0
10	16QAM	25	12	19.33	19.40	19.36		
10	16QAM	25	25	19.34	19.31	19.32		
10	16QAM	50	0	19.28	19.41	19.43		
10	64QAM	1	0	19.26	19.26	19.47	20.7	0
10	64QAM	1	25	19.25	19.33	19.42		
10	64QAM	1	49	19.37	19.39	19.32		
10	64QAM	25	0	19.41	19.43	19.30	20.7	0
10	64QAM	25	12	19.28	19.41	19.23		
10	64QAM	25	25	19.34	19.37	19.53		
10	64QAM	50	0	19.36	19.41	19.44		
10	256QAM	1	0	19.27	19.39	19.34	20.7	0
10	256QAM	1	25	19.21	19.60	19.37		
10	256QAM	1	49	19.47	19.35	19.32		
10	256QAM	25	0	19.33	19.38	19.34	20.7	0
10	256QAM	25	12	19.25	19.32	19.43		
10	256QAM	25	25	19.25	19.33	19.39		
10	256QAM	50	0	19.36	19.42	19.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.37	19.49	19.39	20.7	0
5	QPSK	1	12	19.54	19.56	19.49		
5	QPSK	1	24	19.46	19.47	19.44		
5	QPSK	12	0	19.34	19.50	19.39	20.7	0
5	QPSK	12	7	19.39	19.28	19.32		
5	QPSK	12	13	19.29	19.37	19.30		
5	QPSK	25	0	19.14	19.23	19.13		
5	16QAM	1	0	19.17	19.27	19.33	20.7	0
5	16QAM	1	12	19.19	19.24	19.36		
5	16QAM	1	24	19.22	19.24	19.20		
5	16QAM	12	0	19.38	19.36	19.25	20.7	0
5	16QAM	12	7	19.37	19.33	19.48		
5	16QAM	12	13	19.40	19.40	19.36		
5	16QAM	25	0	19.33	19.46	19.43		
5	64QAM	1	0	19.38	19.28	19.42	20.7	0
5	64QAM	1	12	19.27	19.30	19.43		
5	64QAM	1	24	19.42	19.54	19.45		
5	64QAM	12	0	19.35	19.46	19.40	20.7	0
5	64QAM	12	7	19.28	19.37	19.28		
5	64QAM	12	13	19.31	19.41	19.42		
5	64QAM	25	0	19.30	19.32	19.35		
5	256QAM	1	0	19.37	19.42	19.31	20.7	0
5	256QAM	1	12	19.30	19.54	19.37		
5	256QAM	1	24	19.42	19.36	19.41		
5	256QAM	12	0	19.40	19.48	19.43	20.7	0
5	256QAM	12	7	19.28	19.40	19.34		
5	256QAM	12	13	19.32	19.39	19.41		
5	256QAM	25	0	19.39	19.37	19.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.06	19.25	19.09		
20	QPSK	1	49	19.07	19.16	19.05	20.5	0
20	QPSK	1	99	19.01	19.12	19.03		
20	QPSK	50	0	18.94	19.03	18.99		
20	QPSK	50	24	18.92	18.91	18.94	20.5	0
20	QPSK	50	50	18.94	18.98	18.88		
20	QPSK	100	0	18.79	18.91	18.78		
20	16QAM	1	0	18.86	18.95	18.95		
20	16QAM	1	49	18.90	18.83	19.00	20.5	0
20	16QAM	1	99	18.89	18.81	18.91		
20	16QAM	50	0	19.01	18.92	19.02		
20	16QAM	50	24	18.95	19.00	19.07	20.5	0
20	16QAM	50	50	19.01	18.99	19.08		
20	16QAM	100	0	18.90	19.04	19.07		
20	64QAM	1	0	18.90	18.95	19.04		
20	64QAM	1	49	18.90	18.91	19.08	20.5	0
20	64QAM	1	99	18.94	19.07	19.04		
20	64QAM	50	0	19.08	19.01	18.97		
20	64QAM	50	24	18.94	19.01	18.98	20.5	0
20	64QAM	50	50	18.98	19.12	19.09		
20	64QAM	100	0	19.06	19.06	19.01		
20	256QAM	1	0	18.95	19.02	18.91		
20	256QAM	1	49	18.88	19.09	18.91	20.5	0
20	256QAM	1	99	19.09	19.07	18.96		
20	256QAM	50	0	18.94	19.10	19.04		
20	256QAM	50	24	18.81	19.08	19.02	20.5	0
20	256QAM	50	50	18.97	19.03	19.07		
20	256QAM	100	0	19.03	19.08	19.05		
3	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	18.72	18.90	18.77		
15	QPSK	1	37	18.76	18.83	18.82	20.5	0
15	QPSK	1	74	18.72	18.84	18.82		
15	QPSK	36	0	18.57	18.84	18.64		
15	QPSK	36	20	18.60	18.69	18.58	20.5	0
15	QPSK	36	39	18.67	18.70	18.69		
15	QPSK	75	0	18.54	18.62	18.54		
15	16QAM	1	0	18.62	18.65	18.66		
15	16QAM	1	37	18.64	18.56	18.66	20.5	0
15	16QAM	1	74	18.57	18.52	18.63		
15	16QAM	36	0	18.74	18.62	18.64		
15	16QAM	36	20	18.69	18.65	18.83	20.5	0
15	16QAM	36	39	18.80	18.75	18.77		
15	16QAM	75	0	18.68	18.77	18.69		
15	64QAM	1	0	18.64	18.66	18.74		
15	64QAM	1	37	18.61	18.61	18.70	20.5	0
15	64QAM	1	74	18.78	18.82	18.70		
15	64QAM	36	0	18.69	18.70	18.61		
15	64QAM	36	20	18.59	18.69	18.68	20.5	0
15	64QAM	36	39	18.62	18.86	18.80		
15	64QAM	75	0	18.70	18.82	18.79		
15	256QAM	1	0	18.74	18.83	18.75		
15	256QAM	1	37	18.65	18.84	18.71	20.5	0
15	256QAM	1	74	18.71	18.79	18.77		
15	256QAM	36	0	18.63	18.82	18.72		
15	256QAM	36	20	18.62	18.79	18.73	20.5	0
15	256QAM	36	39	18.62	18.81	18.72		
15	256QAM	75	0	18.72	18.71	18.80		
10	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	18.85	18.87	18.74		
10	QPSK	1	25	18.81	18.79	18.81	20.5	0
10	QPSK	1	49	18.85	18.80	18.77		
10	QPSK	25	0	18.64	18.80	18.63		
10	QPSK	25	12	18.74	18.73	18.67	20.5	0
10	QPSK	25	25	18.61	18.69	18.67		
10	QPSK	50	0	18.52	18.60	18.53		
10	16QAM	1	0	18.52	18.71	18.66		
10	16QAM	1	25	18.61	18.52	18.67	20.5	0
10	16QAM	1	49	18.51	18.59	18.67		
10	16QAM	25	0	18.66	18.70	18.67		
10	16QAM	25	12	18.76	18.60	18.82	20.5	0
10	16QAM	25	25	18.68	18.62	18.66		
10	16QAM	50	0	18.71	18.85	18.69		
10	64QAM	1	0	18.65	18.69	18.79		
10	64QAM	1	25	18.71	18.66	18.81	20.5	0
10	64QAM	1	49	18.64	18.87	18.80		
10	64QAM	25	0	18.78	18.82	18.72		
10	64QAM	25	12	18.71	18.67	18.61	20.5	0
10	64QAM	25	25	18.57	18.75	18.83		
10	64QAM	50	0	18.66	18.76	18.78		
10	256QAM	1	0	18.70	18.78	18.76		
10	256QAM	1	25	18.53	18.81	18.75	20.5	0
10	256QAM	1	49	18.84	18.78	18.67		
10	256QAM	25	0	18.75	18.78	18.68		
10	256QAM	25	12	18.55	18.69	18.75	20.5	0
10	256QAM	25	25	18.75	18.66	18.79		
10	256QAM	50	0	18.71	18.67	18.66		
5	Channel			26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	18.84	18.88	18.79		
5	QPSK	1	12	18.76	18.79	18.90	20.5	0
5	QPSK	1	24	18.70	18.80	18.73		
5	QPSK	12	0	18.71	18.85	18.67		
5	QPSK	12	7	18.63	18.64	18.68	20.5	0
5	QPSK	12	13	18.65	18.76	18.61		
5	QPSK	25	0	18.53	18.66	18.56		
5	16QAM	1	0	18.61	18.59	18.68		
5	16QAM	1	12	18.58	18.55	18.68	20.5	0
5	16QAM	1	24	18.53	18.59	18.59		
5	16QAM	12	0	18.66	18.72	18.70		
5	16QAM	12	7	18.71	18.68	18.82	20.5	0
5	16QAM	12	13	18.78	18.62	18.73		
5	16QAM	25	0	18.57	18.88	18.74		
5	64QAM	1	0	18.72	18.66	18.73		
5	64QAM	1	12	18.62	18.76	18.71	20.5	0
5	64QAM	1	24	18.63	18.80	18.70		
5	64QAM	12	0	18.77	18.78	18.69		
5	64QAM	12	7	18.68	18.79	18.59	20.5	0
5	64QAM	12	13	18.65	18.82	18.83		
5	64QAM	25	0	18.72	18.71	18.79		
5	256QAM	1	0	18.77	18.79	18.74		
5	256QAM	1	12	18.53	18.95	18.69	20.5	0
5	256QAM	1	24	18.85	18.74	18.80		
5	256QAM	12	0	18.76	18.73	18.70		
5	256QAM	12	7	18.68	18.75	18.78	20.5	0
5	256QAM	12	13	18.64	18.69	18.82		
5	256QAM	25	0	18.61	18.80	18.72		
3	Channel			26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	18.72	18.86	18.78		
3	QPSK	1	8	18.76	18.79	18.90	20.5	0
3	QPSK	1	14	18.83	18.74	18.69		
3	QPSK	8	0	18.66	18.82	18.61		
3	QPSK	8	4	18.62	18.72	18.56	20.5	0
3	QPSK	8	7	18.56	18.74	18.54		
3	QPSK	15	0	18.58	18.59	18.51		
3	16QAM	1	0	18.51	18.59	18.66		
3	16QAM	1	8	18.59	18.67	18.70	20.5	0
3	16QAM	1	14	18.61	18.52	18.64		
3	16QAM	8	0	18.67	18.70	18.62		
3	16QAM	8	4	18.77	18.62	18.85	20.5	0
3	16QAM	8	7	18.76	18.73	18.79		
3	16QAM	15	0	18.61	18.85	18.74		
3	64QAM	1	0	18.64	18.71	18.74		
3	64QAM	1	8	18.67	18.75	18.81	20.5	0
3	64QAM	1	14	18.68	18.89	18.78		
3	64QAM	8	0	18.72	18.78	18.70		
3	64QAM	8	4	18.64	18.68	18.58	20.5	0
3	64QAM	8	7	18.63	18.76	18.81		
3	64QAM	15	0	18.77	18.72	18.82		
3	256QAM	1	0	18.71	18.77	18.75		
3	256QAM	1	8	18.54	18.91	18.75	20.5	0
3	256QAM	1	14	18.62	18.68	18.80		
3	256QAM	8	0	18.73	18.86	18.77		
3	256QAM	8	4	18.54	18.74	18.75	20.5	0
3	256QAM	8	7	18.64	18.74	18.79		
3	256QAM	15	0	18.64	18.71	18.77		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	18.73	18.85	18.87		
1.4	QPSK	1	3	18.82	18.89	18.86		
1.4	QPSK	1	5	18.73	18.83	18.67	20.5	0
1.4	QPSK	3	0	18.59	18.83	18.68		
1.4	QPSK	3	1	18.59	18.65	18.60		
1.4	QPSK	3	3	18.58	18.70	18.55		
1.4	QPSK	6	0	18.53	18.65	18.54	20.5	0
1.4	16QAM	1	0	18.56	18.66	18.65		
1.4	16QAM	1	3	18.62	18.64	18.65		
1.4	16QAM	1	5	18.52	18.52	18.58	20.5	0
1.4	16QAM	3	0	18.63	18.58	18.60		
1.4	16QAM	3	1	18.78	18.70	18.79		
1.4	16QAM	3	3	18.73	18.69	18.71		
1.4	16QAM	6	0	18.57	18.86	18.78	20.5	0
1.4	64QAM	1	0	18.64	18.76	18.71		
1.4	64QAM	1	3	18.66	18.75	18.72		
1.4	64QAM	1	5	18.69	18.91	18.70	20.5	0
1.4	64QAM	3	0	18.81	18.77	18.63		
1.4	64QAM	3	1	18.73	18.75	18.63		
1.4	64QAM	3	3	18.70	18.78	18.79		
1.4	64QAM	6	0	18.73	18.79	18.79	20.5	0
1.4	256QAM	1	0	18.71	18.87	18.73		
1.4	256QAM	1	3	18.58	18.93	18.67		
1.4	256QAM	1	5	18.81	18.78	18.68	20.5	0
1.4	256QAM	3	0	18.73	18.86	18.74		
1.4	256QAM	3	1	18.65	18.72	18.76		
1.4	256QAM	3	3	18.68	18.73	18.78		
1.4	256QAM	6	0	18.60	18.72	18.68	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.53	18.71	18.50		
20	QPSK	1	49	18.65	18.59	18.54	19.7	0
20	QPSK	1	99	18.44	18.56	18.43		
20	QPSK	50	0	18.38	18.59	18.47		
20	QPSK	50	24	18.34	18.49	18.42	19.7	0
20	QPSK	50	50	18.39	18.43	18.35		
20	QPSK	100	0	18.16	18.40	18.24		
20	16QAM	1	0	18.28	18.47	18.39		
20	16QAM	1	49	18.41	18.41	18.36	19.7	0
20	16QAM	1	99	18.39	18.39	18.42		
20	16QAM	50	0	18.42	18.42	18.44		
20	16QAM	50	24	18.53	18.35	18.58	19.7	0
20	16QAM	50	50	18.51	18.50	18.55		
20	16QAM	100	0	18.35	18.49	18.57		
20	64QAM	1	0	18.43	18.49	18.44		
20	64QAM	1	49	18.40	18.40	18.51	19.7	0
20	64QAM	1	99	18.42	18.60	18.54		
20	64QAM	50	0	18.55	18.49	18.37		
20	64QAM	50	24	18.48	18.54	18.42	19.7	0
20	64QAM	50	50	18.44	18.60	18.59		
20	64QAM	100	0	18.50	18.49	18.55		
20	256QAM	1	0	18.41	18.58	18.46		
20	256QAM	1	49	18.30	18.69	18.39	19.7	0
20	256QAM	1	99	18.44	18.50	18.46		
20	256QAM	50	0	18.38	18.58	18.54		
20	256QAM	50	24	18.35	18.52	18.45	19.7	0
20	256QAM	50	50	18.34	18.44	18.58		
20	256QAM	100	0	18.43	18.48	18.41		
15	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.47	18.61	18.50		
15	QPSK	1	37	18.49	18.43	18.52	19.7	0
15	QPSK	1	74	18.36	18.40	18.36		
15	QPSK	36	0	18.25	18.53	18.34		
15	QPSK	36	20	18.26	18.34	18.34	19.7	0
15	QPSK	36	39	18.31	18.27	18.30		
15	QPSK	75	0	18.21	18.35	18.13		
15	16QAM	1	0	18.26	18.32	18.27		
15	16QAM	1	37	18.19	18.21	18.29	19.7	0
15	16QAM	1	74	18.30	18.28	18.32		
15	16QAM	36	0	18.28	18.36	18.34		
15	16QAM	36	20	18.44	18.39	18.40	19.7	0
15	16QAM	36	39	18.36	18.27	18.39		
15	16QAM	75	0	18.32	18.46	18.34		
15	64QAM	1	0	18.40	18.37	18.33		
15	64QAM	1	37	18.36	18.30	18.33	19.7	0
15	64QAM	1	74	18.37	18.45	18.30		
15	64QAM	36	0	18.30	18.42	18.36		
15	64QAM	36	20	18.37	18.30	18.29	19.7	0
15	64QAM	36	39	18.34	18.50	18.41		
15	64QAM	75	0	18.30	18.40	18.36		
15	256QAM	1	0	18.40	18.42	18.40		
15	256QAM	1	37	18.26	18.57	18.41	19.7	0
15	256QAM	1	74	18.45	18.34	18.45		
15	256QAM	36	0	18.28	18.49	18.30		
15	256QAM	36	20	18.21	18.47	18.36	19.7	0
15	256QAM	36	39	18.30	18.43	18.36		
15	256QAM	75	0	18.39	18.34	18.34		
10	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.36	18.56	18.50		
10	QPSK	1	25	18.52	18.52	18.49	19.7	0
10	QPSK	1	49	18.41	18.40	18.35		
10	QPSK	25	0	18.27	18.42	18.29		
10	QPSK	25	12	18.29	18.34	18.25	19.7	0
10	QPSK	25	25	18.34	18.35	18.26		
10	QPSK	50	0	18.07	18.25	18.05		
10	16QAM	1	0	18.28	18.29	18.35		
10	16QAM	1	25	18.34	18.21	18.32	19.7	0
10	16QAM	1	49	18.24	18.27	18.23		
10	16QAM	25	0	18.30	18.27	18.30		
10	16QAM	25	12	18.38	18.25	18.44	19.7	0
10	16QAM	25	25	18.33	18.26	18.38		
10	16QAM	50	0	18.25	18.48	18.47		
10	64QAM	1	0	18.35	18.32	18.40		
10	64QAM	1	25	18.36	18.26	18.39	19.7	0
10	64QAM	1	49	18.32	18.53	18.40		
10	64QAM	25	0	18.40	18.41	18.38		
10	64QAM	25	12	18.34	18.38	18.34	19.7	0
10	64QAM	25	25	18.26	18.51	18.50		
10	64QAM	50	0	18.35	18.40	18.43		
10	256QAM	1	0	18.35	18.45	18.32		
10	256QAM	1	25	18.25	18.54	18.38	19.7	0
10	256QAM	1	49	18.38	18.33	18.31		
10	256QAM	25	0	18.27	18.45	18.39		
10	256QAM	25	12	18.27	18.35	18.40	19.7	0
10	256QAM	25	25	18.34	18.41	18.45		
10	256QAM	50	0	18.27	18.38	18.42		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.49	18.51		
5	QPSK	1	12	18.42	18.45	18.39	19.7	0
5	QPSK	1	24	18.37	18.43	18.41		
5	QPSK	12	0	18.33	18.46	18.26		
5	QPSK	12	7	18.36	18.31	18.27	19.7	0
5	QPSK	12	13	18.27	18.30	18.18		
5	QPSK	25	0	18.07	18.26	18.20		
5	16QAM	1	0	18.17	18.29	18.42		
5	16QAM	1	12	18.21	18.17	18.23	19.7	0
5	16QAM	1	24	18.17	18.15	18.26		
5	16QAM	12	0	18.39	18.28	18.32		
5	16QAM	12	7	18.33	18.27	18.37	19.7	0
5	16QAM	12	13	18.31	18.35	18.36		
5	16QAM	25	0	18.24	18.44	18.35		
5	64QAM	1	0	18.28	18.40	18.40		
5	64QAM	1	12	18.26	18.39	18.48	19.7	0
5	64QAM	1	24	18.37	18.51	18.37		
5	64QAM	12	0	18.43	18.49	18.28		
5	64QAM	12	7	18.37	18.42	18.25	19.7	0
5	64QAM	12	13	18.21	18.40	18.40		
5	64QAM	25	0	18.43	18.46	18.34		
5	256QAM	1	0	18.28	18.46	18.41		
5	256QAM	1	12	18.24	18.58	18.30	19.7	0
5	256QAM	1	24	18.39	18.37	18.42		
5	256QAM	12	0	18.29	18.45	18.41		
5	256QAM	12	7	18.28	18.35	18.39	19.7	0
5	256QAM	12	13	18.30	18.33	18.42		
5	256QAM	25	0	18.26	18.42	18.35		
3	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	18.38	18.62	18.48		
3	QPSK	1	8	18.52	18.51	18.39	19.7	0
3	QPSK	1	14	18.39	18.39	18.41		
3	QPSK	8	0	18.32	18.45	18.33		
3	QPSK	8	4	18.28	18.39	18.28	19.7	0
3	QPSK	8	7	18.25	18.42	18.25		
3	QPSK	15	0	18.08	18.32	18.11		
3	16QAM	1	0	18.19	18.36	18.32		
3	16QAM	1	8	18.22	18.24	18.32	19.7	0
3	16QAM	1	14	18.16	18.19	18.30		
3	16QAM	8	0	18.43	18.36	18.26		
3	16QAM	8	4	18.33	18.35	18.37	19.7	0
3	16QAM	8	7	18.38	18.32	18.31		
3	16QAM	15	0	18.21	18.42	18.33		
3	64QAM	1	0	18.29	18.33	18.41		
3	64QAM	1	8	18.33	18.35	18.42	19.7	0
3	64QAM	1	14	18.37	18.49	18.37		
3	64QAM	8	0	18.43	18.45	18.38		
3	64QAM	8	4	18.30	18.36	18.31	19.7	0
3	64QAM	8	7	18.28	18.39	18.47		
3	64QAM	15	0	18.43	18.42	18.42		
3	256QAM	1	0	18.26	18.45	18.32		
3	256QAM	1	8	18.30	18.45	18.29	19.7	0
3	256QAM	1	14	18.46	18.41	18.38		
3	256QAM	8	0	18.29	18.45	18.40		
3	256QAM	8	4	18.19	18.40	18.45	19.7	0
3	256QAM	8	7	18.25	18.35	18.45		
3	256QAM	15	0	18.24	18.40	18.39		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	18.44	18.63	18.50		
1.4	QPSK	1	3	18.48	18.49	18.45		
1.4	QPSK	1	5	18.49	18.43	18.38	19.7	0
1.4	QPSK	3	0	18.33	18.41	18.38		
1.4	QPSK	3	1	18.36	18.41	18.27		
1.4	QPSK	3	3	18.27	18.37	18.33		
1.4	QPSK	6	0	18.21	18.26	18.04	19.7	0
1.4	16QAM	1	0	18.29	18.29	18.39		
1.4	16QAM	1	3	18.20	18.27	18.26		
1.4	16QAM	1	5	18.24	18.21	18.26	19.7	0
1.4	16QAM	3	0	18.36	18.30	18.23		
1.4	16QAM	3	1	18.32	18.29	18.43		
1.4	16QAM	3	3	18.42	18.41	18.30		
1.4	16QAM	6	0	18.26	18.40	18.46	19.7	0
1.4	64QAM	1	0	18.25	18.36	18.35		
1.4	64QAM	1	3	18.24	18.28	18.35		
1.4	64QAM	1	5	18.43	18.48	18.32	19.7	0
1.4	64QAM	3	0	18.37	18.45	18.41		
1.4	64QAM	3	1	18.28	18.34	18.29		
1.4	64QAM	3	3	18.35	18.41	18.42		
1.4	64QAM	6	0	18.42	18.48	18.40	19.7	0
1.4	256QAM	1	0	18.29	18.51	18.30		
1.4	256QAM	1	3	18.27	18.50	18.34		
1.4	256QAM	1	5	18.39	18.33	18.41	19.7	0
1.4	256QAM	3	0	18.41	18.49	18.40		
1.4	256QAM	3	1	18.32	18.46	18.45		
1.4	256QAM	3	3	18.38	18.42	18.44		
1.4	256QAM	6	0	18.35	18.42	18.45	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.97	22.21	22.13	23.2	0
20	QPSK	1	49	22.16	22.09	22.11		
20	QPSK	1	99	22.04	22.00	21.98		
20	QPSK	50	0	21.87	22.10	21.94	23.2	0
20	QPSK	50	24	21.88	21.92	21.98		
20	QPSK	50	50	21.97	22.02	21.82		
20	QPSK	100	0	21.73	21.91	21.67		
20	16QAM	1	0	21.91	21.99	21.97	23.2	0
20	16QAM	1	49	21.86	21.79	21.88		
20	16QAM	1	99	21.79	21.87	21.86		
20	16QAM	50	0	21.96	21.93	21.92	23.2	0
20	16QAM	50	24	22.07	21.94	22.06		
20	16QAM	50	50	22.00	21.88	22.02		
20	16QAM	100	0	21.82	22.12	22.01		
20	64QAM	1	0	22.03	22.00	22.02	23.2	0
20	64QAM	1	49	21.92	21.90	22.00		
20	64QAM	1	99	21.98	22.05	21.92		
20	64QAM	50	0	21.49	21.66	21.73	22.7	0.5
20	64QAM	50	24	21.45	21.58	21.51		
20	64QAM	50	50	21.51	21.52	21.47		
20	64QAM	100	0	21.59	21.75	21.66		
20	256QAM	1	0	19.46	19.57	19.38	20.7	2.5
20	256QAM	1	49	19.35	19.47	19.42		
20	256QAM	1	99	19.33	19.44	19.29		
20	256QAM	50	0	19.57	19.57	19.49	20.7	2.5
20	256QAM	50	24	19.59	19.50	19.45		
20	256QAM	50	50	19.47	19.65	19.45		
20	256QAM	100	0	19.57	19.66	19.58		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.92	22.00	21.96	23.2	0
15	QPSK	1	37	22.05	22.05	21.94		
15	QPSK	1	74	21.96	21.96	21.91		
15	QPSK	36	0	21.77	22.01	21.83	23.2	0
15	QPSK	36	20	21.86	21.82	21.83		
15	QPSK	36	39	21.73	21.82	21.82		
15	QPSK	75	0	21.59	21.76	21.66		
15	16QAM	1	0	21.76	21.76	21.83	23.2	0
15	16QAM	1	37	21.79	21.70	21.80		
15	16QAM	1	74	21.79	21.78	21.77		
15	16QAM	36	0	21.95	21.85	21.85	23.2	0
15	16QAM	36	20	21.81	21.88	22.00		
15	16QAM	36	39	21.88	21.87	21.83		
15	16QAM	75	0	21.74	22.00	21.97		
15	64QAM	1	0	21.81	21.92	21.87	23.2	0
15	64QAM	1	37	21.75	21.78	21.93		
15	64QAM	1	74	21.87	21.98	21.86		
15	64QAM	36	0	21.36	21.52	21.67	22.7	0.5
15	64QAM	36	20	21.33	21.48	21.34		
15	64QAM	36	39	21.43	21.47	21.43		
15	64QAM	75	0	21.42	21.65	21.57		
15	256QAM	1	0	19.38	19.50	19.21	20.7	2.5
15	256QAM	1	37	19.23	19.43	19.36		
15	256QAM	1	74	19.27	19.33	19.25		
15	256QAM	36	0	19.46	19.51	19.34	20.7	2.5
15	256QAM	36	20	19.42	19.33	19.34		
15	256QAM	36	39	19.30	19.57	19.39		
15	256QAM	75	0	19.54	19.57	19.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.87	22.07	21.91	23.2	0
10	QPSK	1	25	21.99	22.06	22.00		
10	QPSK	1	49	21.97	22.03	21.91		
10	QPSK	25	0	21.86	22.01	21.85	23.2	0
10	QPSK	25	12	21.81	21.85	21.85		
10	QPSK	25	25	21.85	21.79	21.83		
10	QPSK	50	0	21.74	21.75	21.57		
10	16QAM	1	0	21.82	21.76	21.93	23.2	0
10	16QAM	1	25	21.83	21.81	21.90		
10	16QAM	1	49	21.81	21.73	21.78		
10	16QAM	25	0	21.79	21.86	21.83	23.2	0
10	16QAM	25	12	21.93	21.82	21.91		
10	16QAM	25	25	21.85	21.92	21.88		
10	16QAM	50	0	21.82	21.95	21.91		
10	64QAM	1	0	21.78	21.87	21.97	23.2	0
10	64QAM	1	25	21.85	21.78	21.90		
10	64QAM	1	49	21.83	22.00	21.84		
10	64QAM	25	0	21.44	21.54	21.60	22.7	0.5
10	64QAM	25	12	21.27	21.44	21.42		
10	64QAM	25	25	21.44	21.45	21.42		
10	64QAM	50	0	21.53	21.62	21.49		
10	256QAM	1	0	19.32	19.51	19.35	20.7	2.5
10	256QAM	1	25	19.27	19.43	19.35		
10	256QAM	1	49	19.16	19.36	19.15		
10	256QAM	25	0	19.47	19.48	19.41	20.7	2.5
10	256QAM	25	12	19.55	19.41	19.35		
10	256QAM	25	25	19.34	19.57	19.40		
10	256QAM	50	0	19.40	19.63	19.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.95	22.04	22.03	23.2	0
5	QPSK	1	12	21.96	22.02	22.04		
5	QPSK	1	24	21.97	21.93	21.97		
5	QPSK	12	0	21.84	21.97	21.84	23.2	0
5	QPSK	12	7	21.77	21.81	21.79		
5	QPSK	12	13	21.81	21.89	21.74		
5	QPSK	25	0	21.69	21.90	21.63		
5	16QAM	1	0	21.69	21.76	21.90	23.2	0
5	16QAM	1	12	21.77	21.83	21.83		
5	16QAM	1	24	21.68	21.72	21.77		
5	16QAM	12	0	21.82	21.76	21.86	23.2	0
5	16QAM	12	7	21.94	21.82	21.96		
5	16QAM	12	13	21.84	21.79	21.93		
5	16QAM	25	0	21.80	22.03	21.86		
5	64QAM	1	0	21.86	21.82	22.00	23.2	0
5	64QAM	1	12	21.77	21.82	21.99		
5	64QAM	1	24	21.83	21.95	21.93		
5	64QAM	12	0	21.42	21.57	21.57	22.7	0.5
5	64QAM	12	7	21.33	21.50	21.43		
5	64QAM	12	13	21.38	21.40	21.34		
5	64QAM	25	0	21.52	21.71	21.49		
5	256QAM	1	0	19.41	19.43	19.33	20.7	2.5
5	256QAM	1	12	19.23	19.39	19.29		
5	256QAM	1	24	19.27	19.34	19.26		
5	256QAM	12	0	19.49	19.51	19.34	20.7	2.5
5	256QAM	12	7	19.48	19.32	19.39		
5	256QAM	12	13	19.31	19.54	19.30		
5	256QAM	25	0	19.54	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.51	21.48	21.66	21.53	21.56	22.7	0
20	QPSK	1	49	21.52	21.61	21.64	21.64	21.49		
20	QPSK	1	99	21.46	21.52	21.48	21.52	21.48		
20	QPSK	50	0	21.46	21.42	21.53	21.50	21.42	22.7	0
20	QPSK	50	24	21.33	21.37	21.38	21.43	21.42		
20	QPSK	50	50	21.43	21.34	21.51	21.38	21.36		
20	QPSK	100	0	21.19	21.21	21.43	21.26	21.25		
20	16QAM	1	0	21.48	21.33	21.42	21.52	21.37	22.7	0
20	16QAM	1	49	21.42	21.34	21.39	21.41	21.39		
20	16QAM	1	99	21.31	21.27	21.28	21.31	21.33		
20	16QAM	50	0	21.43	21.39	21.40	21.38	21.42	22.7	0
20	16QAM	50	24	21.56	21.54	21.35	21.51	21.46		
20	16QAM	50	50	21.44	21.43	21.45	21.50	21.42		
20	16QAM	100	0	21.48	21.32	21.53	21.52	21.44		
20	64QAM	1	0	21.53	21.39	21.35	21.55	21.49	22.7	0
20	64QAM	1	49	21.47	21.48	21.44	21.47	21.45		
20	64QAM	1	99	21.45	21.37	21.64	21.53	21.38		
20	64QAM	50	0	21.50	21.44	21.58	21.47	21.44	22.7	0
20	64QAM	50	24	21.31	21.32	21.54	21.33	21.36		
20	64QAM	50	50	21.56	21.36	21.48	21.50	21.32		
20	64QAM	100	0	21.50	21.48	21.52	21.51	21.52		
20	256QAM	1	0	19.39	19.36	19.56	19.37	19.31	21	1.7
20	256QAM	1	49	19.32	19.35	19.45	19.31	19.33		
20	256QAM	1	99	19.24	19.25	19.34	19.32	19.25		
20	256QAM	50	0	19.50	19.50	19.58	19.52	19.48	21	1.7
20	256QAM	50	24	19.49	19.56	19.47	19.33	19.47		
20	256QAM	50	50	19.36	19.48	19.55	19.38	19.42		
20	256QAM	100	0	19.55	19.58	19.65	19.54	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.51	21.46	21.60	21.56	21.49	23	0
15	QPSK	1	37	21.46	21.54	21.55	21.44	21.52		
15	QPSK	1	74	21.44	21.43	21.37	21.38	21.36		
15	QPSK	36	0	21.36	21.28	21.49	21.43	21.40	22.7	0
15	QPSK	36	20	21.33	21.27	21.31	21.27	21.22		
15	QPSK	36	39	21.21	21.35	21.29	21.35	21.23		
15	QPSK	75	0	21.15	21.15	21.24	21.29	21.15		
15	16QAM	1	0	21.38	21.31	21.34	21.28	21.34	22.7	0
15	16QAM	1	37	21.33	21.22	21.21	21.16	21.28		
15	16QAM	1	74	21.24	21.30	21.21	21.22	21.28		
15	16QAM	36	0	21.37	21.42	21.36	21.29	21.26	22.7	0
15	16QAM	36	20	21.44	21.41	21.33	21.24	21.39		
15	16QAM	36	39	21.35	21.37	21.29	21.35	21.33		
15	16QAM	75	0	21.36	21.30	21.51	21.38	21.47		
15	64QAM	1	0	21.43	21.35	21.32	21.38	21.45	22.7	0
15	64QAM	1	37	21.43	21.35	21.30	21.35	21.41		
15	64QAM	1	74	21.39	21.35	21.42	21.47	21.30		
15	64QAM	36	0	21.41	21.41	21.34	21.44	21.33	22.7	0
15	64QAM	36	20	21.30	21.27	21.38	21.42	21.25		
15	64QAM	36	39	21.48	21.31	21.37	21.45	21.38		
15	64QAM	75	0	21.35	21.39	21.48	21.39	21.45		
15	256QAM	1	0	19.31	19.30	19.51	19.19	19.19	21	1.7
15	256QAM	1	37	19.18	19.20	19.32	19.23	19.25		
15	256QAM	1	74	19.11	19.23	19.19	19.15	19.22		
15	256QAM	36	0	19.46	19.37	19.58	19.41	19.42	21	1.7
15	256QAM	36	20	19.36	19.45	19.33	19.27	19.33		
15	256QAM	36	39	19.32	19.45	19.40	19.32	19.37		
15	256QAM	75	0	19.39	19.51	19.54	19.41	19.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.43	21.48	21.61	21.52	21.46	23	0
10	QPSK	1	25	21.52	21.49	21.43	21.56	21.49		
10	QPSK	1	49	21.43	21.48	21.40	21.37	21.31		
10	QPSK	25	0	21.30	21.25	21.48	21.48	21.30	22.7	0
10	QPSK	25	12	21.22	21.25	21.27	21.37	21.32		
10	QPSK	25	25	21.30	21.21	21.26	21.38	21.26		
10	QPSK	50	0	21.05	21.19	21.24	21.32	21.18		
10	16QAM	1	0	21.30	21.28	21.36	21.23	21.27	22.7	0
10	16QAM	1	25	21.25	21.20	21.23	21.26	21.27		
10	16QAM	1	49	21.20	21.16	21.24	21.24	21.32		
10	16QAM	25	0	21.24	21.34	21.37	21.26	21.30	22.7	0
10	16QAM	25	12	21.35	21.30	21.25	21.35	21.44		
10	16QAM	25	25	21.46	21.35	21.34	21.31	21.32		
10	16QAM	50	0	21.38	21.32	21.50	21.47	21.37		
10	64QAM	1	0	21.49	21.34	21.40	21.33	21.47	22.7	0
10	64QAM	1	25	21.40	21.33	21.26	21.35	21.39		
10	64QAM	1	49	21.39	21.35	21.46	21.48	21.32		
10	64QAM	25	0	21.25	21.31	21.47	21.41	21.41	22.7	0
10	64QAM	25	12	21.30	21.35	21.40	21.42	21.33		
10	64QAM	25	25	21.46	21.35	21.37	21.49	21.45		
10	64QAM	50	0	21.35	21.29	21.34	21.42	21.34		
10	256QAM	1	0	19.28	19.25	19.48	19.45	19.39	21	1.7
10	256QAM	1	25	19.16	19.18	19.33	19.19	19.31		
10	256QAM	1	49	19.20	19.11	19.31	19.20	19.19		
10	256QAM	25	0	19.35	19.42	19.49	19.37	19.32	21	1.7
10	256QAM	25	12	19.36	19.44	19.31	19.16	19.44		
10	256QAM	25	25	19.19	19.44	19.46	19.28	19.34		
10	256QAM	50	0	19.47	19.44	19.50	19.46	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.47	21.60	21.50	21.39	23	0
5	QPSK	1	12	21.48	21.41	21.42	21.57	21.44		
5	QPSK	1	24	21.41	21.37	21.40	21.50	21.39		
5	QPSK	12	0	21.36	21.31	21.44	21.38	21.35	22.7	0
5	QPSK	12	7	21.34	21.25	21.37	21.37	21.32		
5	QPSK	12	13	21.27	21.34	21.38	21.32	21.30		
5	QPSK	25	0	21.17	21.16	21.35	21.32	21.09		
5	16QAM	1	0	21.33	21.22	21.33	21.33	21.30	22.7	0
5	16QAM	1	12	21.28	21.28	21.27	21.17	21.32		
5	16QAM	1	24	21.22	21.22	21.29	21.28	21.33		
5	16QAM	12	0	21.27	21.39	21.31	21.34	21.28	22.7	0
5	16QAM	12	7	21.46	21.44	21.37	21.29	21.49		
5	16QAM	12	13	21.39	21.44	21.36	21.34	21.44		
5	16QAM	25	0	21.39	21.29	21.53	21.52	21.34		
5	64QAM	1	0	21.44	21.29	21.28	21.40	21.33	22.7	0
5	64QAM	1	12	21.38	21.29	21.29	21.26	21.42		
5	64QAM	1	24	21.39	21.32	21.54	21.44	21.39		
5	64QAM	12	0	21.28	21.36	21.43	21.43	21.29	22.7	0
5	64QAM	12	7	21.35	21.30	21.31	21.37	21.35		
5	64QAM	12	13	21.41	21.27	21.40	21.41	21.54		
5	64QAM	25	0	21.38	21.29	21.44	21.45	21.49		
5	256QAM	1	0	19.35	19.23	19.47	19.27	19.18	21	1.7
5	256QAM	1	12	19.17	19.19	19.33	19.25	19.21		
5	256QAM	1	24	19.20	19.16	19.19	19.27	19.19		
5	256QAM	12	0	19.41	19.34	19.45	19.42	19.43	21	1.7
5	256QAM	12	7	19.46	19.52	19.35	19.30	19.37		
5	256QAM	12	13	19.20	19.32	19.53	19.33	19.31		
5	256QAM	25	0	19.51	19.44	19.61	19.50	19.47		

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.14	23.16	23.02	24.5	0
20	QPSK	1	49	23.08	23.05	23.13		
20	QPSK	1	99	23.00	23.03	23.07		
20	QPSK	50	0	22.24	22.33	22.27	23.5	1
20	QPSK	50	24	22.16	22.26	22.14		
20	QPSK	50	50	22.07	22.28	22.22		
20	QPSK	100	0	22.01	22.03	22.02		
20	16QAM	1	0	21.86	21.98	21.90	23.5	1
20	16QAM	1	49	21.88	21.77	21.88		
20	16QAM	1	99	21.82	21.93	21.91		
20	16QAM	50	0	21.01	21.06	21.10	22.5	2
20	16QAM	50	24	20.83	20.95	20.94		
20	16QAM	50	50	20.92	21.02	21.06		
20	16QAM	100	0	21.04	21.35	21.16		
20	64QAM	1	0	20.90	21.03	20.97	22.5	2
20	64QAM	1	49	20.81	21.00	20.81		
20	64QAM	1	99	20.81	21.19	20.70		
20	64QAM	50	0	19.98	20.14	20.20	21.5	3
20	64QAM	50	24	19.86	20.05	19.95		
20	64QAM	50	50	20.01	20.11	19.97		
20	64QAM	100	0	20.07	20.26	20.22		
20	256QAM	1	0	17.94	18.07	17.86	19.5	5
20	256QAM	1	49	17.94	18.03	17.93		
20	256QAM	1	99	17.87	17.87	17.82		
20	256QAM	50	0	18.12	18.06	17.99	19.5	5
20	256QAM	50	24	18.07	18.05	17.93		
20	256QAM	50	50	18.00	18.12	17.95		
20	256QAM	100	0	18.04	18.13	18.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.00	23.07	22.88	24.5	0
15	QPSK	1	37	22.97	22.95	23.08		
15	QPSK	1	74	22.83	22.94	22.93		
15	QPSK	36	0	22.07	22.20	22.21	23.5	1
15	QPSK	36	20	22.06	22.21	22.00		
15	QPSK	36	39	21.93	22.10	22.15		
15	QPSK	75	0	21.93	21.89	21.92		
15	16QAM	1	0	21.81	21.95	21.78	23.5	1
15	16QAM	1	37	21.84	21.64	21.82		
15	16QAM	1	74	21.77	21.89	21.80		
15	16QAM	36	0	20.97	20.99	21.04	22.5	2
15	16QAM	36	20	20.68	20.84	20.79		
15	16QAM	36	39	20.76	20.92	20.88		
15	16QAM	75	0	20.91	21.23	21.10		
15	64QAM	1	0	20.74	20.93	20.93	22.5	2
15	64QAM	1	37	20.64	20.94	20.76		
15	64QAM	1	74	20.64	21.09	20.64		
15	64QAM	36	0	19.86	20.09	20.11	21.5	3
15	64QAM	36	20	19.81	19.94	19.87		
15	64QAM	36	39	19.90	20.02	19.88		
15	64QAM	75	0	19.94	20.20	20.17		
15	256QAM	1	0	17.88	17.95	17.70	19.5	5
15	256QAM	1	37	17.90	17.97	17.85		
15	256QAM	1	74	17.75	17.73	17.75		
15	256QAM	36	0	18.04	17.90	17.81	19.5	5
15	256QAM	36	20	17.97	17.88	17.80		
15	256QAM	36	39	17.89	18.03	17.84		
15	256QAM	75	0	17.87	18.00	17.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.03	23.12	22.92	24.5	0
10	QPSK	1	25	23.03	22.90	23.04		
10	QPSK	1	49	22.95	23.00	22.91		
10	QPSK	25	0	22.18	22.23	22.24	23.5	1
10	QPSK	25	12	22.13	22.11	22.03		
10	QPSK	25	25	21.95	22.12	22.04		
10	QPSK	50	0	21.89	21.89	21.91		
10	16QAM	1	0	21.75	21.85	21.80	23.5	1
10	16QAM	1	25	21.79	21.64	21.83		
10	16QAM	1	49	21.67	21.89	21.76		
10	16QAM	25	0	20.91	20.91	21.06	22.5	2
10	16QAM	25	12	20.71	20.82	20.88		
10	16QAM	25	25	20.81	20.84	20.96		
10	16QAM	50	0	20.88	21.32	21.08		
10	64QAM	1	0	20.76	20.87	20.89	22.5	2
10	64QAM	1	25	20.68	20.83	20.78		
10	64QAM	1	49	20.76	21.08	20.64		
10	64QAM	25	0	19.93	19.98	20.10	21.5	3
10	64QAM	25	12	19.84	20.00	19.84		
10	64QAM	25	25	19.96	19.95	19.83		
10	64QAM	50	0	20.02	20.23	20.06		
10	256QAM	1	0	17.88	17.99	17.68	19.5	5
10	256QAM	1	25	17.84	17.94	17.86		
10	256QAM	1	49	17.69	17.78	17.72		
10	256QAM	25	0	18.07	17.96	17.88	19.5	5
10	256QAM	25	12	17.95	17.94	17.84		
10	256QAM	25	25	17.92	18.03	17.90		
10	256QAM	50	0	17.98	18.02	17.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.00	22.91	24.5	0
5	QPSK	1	12	22.92	22.97	22.96		
5	QPSK	1	24	22.90	22.87	23.05		
5	QPSK	12	0	22.17	22.30	22.24	23.5	1
5	QPSK	12	7	22.07	22.19	21.99		
5	QPSK	12	13	21.92	22.23	22.11		
5	QPSK	25	0	21.85	21.90	21.98		
5	16QAM	1	0	21.83	21.93	21.82	23.5	1
5	16QAM	1	12	21.76	21.70	21.73		
5	16QAM	1	24	21.79	21.89	21.78		
5	16QAM	12	0	20.87	21.00	21.07	22.5	2
5	16QAM	12	7	20.72	20.88	20.81		
5	16QAM	12	13	20.75	20.85	21.04		
5	16QAM	25	0	20.96	21.19	21.10		
5	64QAM	1	0	20.82	20.92	20.80	22.5	2
5	64QAM	1	12	20.75	20.96	20.78		
5	64QAM	1	24	20.67	21.04	20.55		
5	64QAM	12	0	19.94	20.06	20.17	21.5	3
5	64QAM	12	7	19.82	19.94	19.79		
5	64QAM	12	13	19.86	20.09	19.91		
5	64QAM	25	0	20.02	20.09	20.14		
5	256QAM	1	0	17.85	18.04	17.78	19.5	5
5	256QAM	1	12	17.80	17.91	17.89		
5	256QAM	1	24	17.76	17.70	17.76		
5	256QAM	12	0	17.97	17.99	17.85	19.5	5
5	256QAM	12	7	17.98	17.99	17.90		
5	256QAM	12	13	17.94	18.09	17.88		
5	256QAM	25	0	17.90	18.01	17.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.07	22.92	24.5	0
3	QPSK	1	8	22.90	23.02	23.11		
3	QPSK	1	14	22.84	22.87	23.04		
3	QPSK	8	0	22.18	22.29	22.24	23.5	1
3	QPSK	8	4	21.99	22.15	21.98		
3	QPSK	8	7	21.99	22.20	22.13		
3	QPSK	15	0	21.91	21.90	21.88		
3	16QAM	1	0	21.68	21.92	21.80	23.5	1
3	16QAM	1	8	21.74	21.75	21.72		
3	16QAM	1	14	21.75	21.91	21.87		
3	16QAM	8	0	20.94	21.02	20.93	22.5	2
3	16QAM	8	4	20.75	20.80	20.88		
3	16QAM	8	7	20.75	20.94	20.89		
3	16QAM	15	0	20.98	21.22	21.03		
3	64QAM	1	0	20.84	20.95	20.79	22.5	2
3	64QAM	1	8	20.65	20.85	20.74		
3	64QAM	1	14	20.73	21.12	21.00		
3	64QAM	8	0	19.82	20.08	20.05	21.5	3
3	64QAM	8	4	19.71	19.95	19.91		
3	64QAM	8	7	19.95	20.06	19.80		
3	64QAM	15	0	20.02	20.15	20.14		
3	256QAM	1	0	17.78	18.03	17.78	19.5	5
3	256QAM	1	8	17.88	17.96	17.83		
3	256QAM	1	14	17.82	17.81	17.67		
3	256QAM	8	0	18.00	18.00	17.89	19.5	5
3	256QAM	8	4	18.03	17.99	17.75		
3	256QAM	8	7	17.89	17.96	17.81		
3	256QAM	15	0	17.96	18.06	17.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.03	23.01	22.98	24.5	0
1.4	QPSK	1	3	22.97	22.94	22.95		
1.4	QPSK	1	5	22.92	22.87	22.94		
1.4	QPSK	3	0	23.03	23.11	22.93		
1.4	QPSK	3	1	22.92	22.98	22.95		
1.4	QPSK	3	3	22.88	22.87	22.98		
1.4	QPSK	6	0	22.11	22.25	22.18	23.5	1
1.4	16QAM	1	0	22.10	22.20	21.97	23.5	1
1.4	16QAM	1	3	21.93	22.14	22.13		
1.4	16QAM	1	5	21.93	21.91	21.87		
1.4	16QAM	3	0	21.69	21.95	21.78		
1.4	16QAM	3	1	21.86	21.73	21.73		
1.4	16QAM	3	3	21.76	21.78	21.74		
1.4	16QAM	6	0	20.97	21.00	20.92	22.5	2
1.4	64QAM	1	0	21.00	20.93	20.85	22.5	2
1.4	64QAM	1	3	20.86	20.93	20.97		
1.4	64QAM	1	5	20.90	21.30	21.00		
1.4	64QAM	3	0	20.81	21.00	20.89		
1.4	64QAM	3	1	20.74	20.92	20.70		
1.4	64QAM	3	3	20.68	21.14	20.67		
1.4	64QAM	6	0	19.80	20.02	19.83	21.5	3
1.4	256QAM	1	0	17.77	18.00	17.71	19.5	5
1.4	256QAM	1	3	17.84	17.86	17.90		
1.4	256QAM	1	5	17.85	17.81	17.73		
1.4	256QAM	3	0	17.99	17.95	17.82		
1.4	256QAM	3	1	17.98	17.98	17.83		
1.4	256QAM	3	3	17.86	18.08	17.88		
1.4	256QAM	6	0	18.01	18.05	17.91	19.5	5

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.95	24.01	23.82	25.5	0
20	QPSK	1	49	23.82	23.89	23.86		
20	QPSK	1	99	23.83	23.85	23.80		
20	QPSK	50	0	23.08	23.16	22.99	24.5	1
20	QPSK	50	24	22.95	23.03	22.94		
20	QPSK	50	50	22.85	23.03	23.00		
20	QPSK	100	0	22.77	22.88	22.71		
20	16QAM	1	0	22.72	22.75	22.72	24.5	1
20	16QAM	1	49	22.62	22.56	22.56		
20	16QAM	1	99	22.55	22.83	22.67		
20	16QAM	50	0	21.82	21.87	21.81	23.5	2
20	16QAM	50	24	21.71	21.73	21.73		
20	16QAM	50	50	21.75	21.80	21.83		
20	16QAM	100	0	21.86	22.17	22.01		
20	64QAM	1	0	21.72	21.78	21.70	23.5	2
20	64QAM	1	49	21.65	21.78	21.66		
20	64QAM	1	99	21.53	21.98	21.59		
20	64QAM	50	0	20.76	20.97	20.97	22.5	3
20	64QAM	50	24	20.68	20.93	20.74		
20	64QAM	50	50	20.79	20.87	20.81		
20	64QAM	100	0	20.85	20.99	20.98		
20	256QAM	1	0	18.75	18.87	18.72	20.5	5
20	256QAM	1	49	18.64	18.72	18.73		
20	256QAM	1	99	18.69	18.73	18.63		
20	256QAM	50	0	18.83	18.85	18.86	20.5	5
20	256QAM	50	24	18.82	18.84	18.72		
20	256QAM	50	50	18.81	18.90	18.67		
20	256QAM	100	0	18.86	18.87	18.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.82	23.97	23.75	25.5	0
15	QPSK	1	37	23.80	23.71	23.73		
15	QPSK	1	74	23.67	23.71	23.71		
15	QPSK	36	0	23.03	23.11	22.91	24.5	1
15	QPSK	36	20	22.91	22.88	22.87		
15	QPSK	36	39	22.80	22.93	22.97		
15	QPSK	75	0	22.72	22.86	22.62		
15	16QAM	1	0	22.59	22.71	22.57	24.5	1
15	16QAM	1	37	22.54	22.73	22.56		
15	16QAM	1	74	22.57	22.72	22.60		
15	16QAM	36	0	21.65	21.76	21.67	23.5	2
15	16QAM	36	20	21.56	21.65	21.67		
15	16QAM	36	39	21.71	21.68	21.78		
15	16QAM	75	0	21.83	22.12	21.96		
15	64QAM	1	0	21.57	21.75	21.67	23.5	2
15	64QAM	1	37	21.50	21.62	21.52		
15	64QAM	1	74	21.51	21.93	21.54		
15	64QAM	36	0	20.59	20.93	20.94	22.5	3
15	64QAM	36	20	20.58	20.76	20.69		
15	64QAM	36	39	20.76	20.83	20.74		
15	64QAM	75	0	20.72	20.88	20.90		
15	256QAM	1	0	18.66	18.71	18.63	20.5	5
15	256QAM	1	37	18.59	18.67	18.62		
15	256QAM	1	74	18.64	18.65	18.53		
15	256QAM	36	0	18.66	18.70	18.70	20.5	5
15	256QAM	36	20	18.80	18.82	18.62		
15	256QAM	36	39	18.74	18.77	18.52		
15	256QAM	75	0	18.73	18.80	18.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.82	23.99	23.79	25.5	0
10	QPSK	1	25	23.68	23.73	23.75		
10	QPSK	1	49	23.76	23.67	23.67		
10	QPSK	25	0	22.90	23.05	22.82	24.5	1
10	QPSK	25	12	22.92	23.01	22.86		
10	QPSK	25	25	22.70	22.87	22.87		
10	QPSK	50	0	22.60	22.80	22.66		
10	16QAM	1	0	22.57	22.67	22.57	24.5	1
10	16QAM	1	25	22.56	22.52	22.54		
10	16QAM	1	49	22.56	22.77	22.52		
10	16QAM	25	0	21.72	21.73	21.70	23.5	2
10	16QAM	25	12	21.57	21.56	21.66		
10	16QAM	25	25	21.73	21.68	21.76		
10	16QAM	50	0	21.81	22.00	21.84		
10	64QAM	1	0	21.65	21.66	21.58	23.5	2
10	64QAM	1	25	21.55	21.71	21.58		
10	64QAM	1	49	21.50	21.81	21.61		
10	64QAM	25	0	20.64	20.80	20.79	22.5	3
10	64QAM	25	12	20.54	20.75	20.65		
10	64QAM	25	25	20.70	20.79	20.74		
10	64QAM	50	0	20.81	20.85	20.84		
10	256QAM	1	0	18.68	18.80	18.70	20.5	5
10	256QAM	1	25	18.59	18.62	18.66		
10	256QAM	1	49	18.55	18.67	18.63		
10	256QAM	25	0	18.78	18.78	18.80	20.5	5
10	256QAM	25	12	18.65	18.82	18.56		
10	256QAM	25	25	18.68	18.78	18.64		
10	256QAM	50	0	18.73	18.71	18.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.81	23.85	23.72	25.5	0
5	QPSK	1	12	23.73	23.71	23.70		
5	QPSK	1	24	23.77	23.76	23.73		
5	QPSK	12	0	22.96	23.07	22.96	24.5	1
5	QPSK	12	7	22.81	22.99	22.85		
5	QPSK	12	13	22.68	22.88	22.88		
5	QPSK	25	0	22.59	22.73	22.60		
5	16QAM	1	0	22.55	22.68	22.68	24.5	1
5	16QAM	1	12	22.54	22.62	22.63		
5	16QAM	1	24	22.56	22.66	22.54		
5	16QAM	12	0	21.67	21.79	21.73	23.5	2
5	16QAM	12	7	21.60	21.70	21.64		
5	16QAM	12	13	21.58	21.76	21.65		
5	16QAM	25	0	21.69	22.00	21.94		
5	64QAM	1	0	21.65	21.72	21.65	23.5	2
5	64QAM	1	12	21.62	21.66	21.51		
5	64QAM	1	24	21.58	21.86	21.59		
5	64QAM	12	0	20.65	20.84	20.88	22.5	3
5	64QAM	12	7	20.53	20.87	20.68		
5	64QAM	12	13	20.74	20.71	20.73		
5	64QAM	25	0	20.75	20.87	20.81		
5	256QAM	1	0	18.72	18.84	18.68	20.5	5
5	256QAM	1	12	18.51	18.55	18.57		
5	256QAM	1	24	18.66	18.60	18.51		
5	256QAM	12	0	18.73	18.76	18.70	20.5	5
5	256QAM	12	7	18.72	18.76	18.64		
5	256QAM	12	13	18.65	18.87	18.51		
5	256QAM	25	0	18.83	18.78	18.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.80	23.99	23.73	25.5	0
3	QPSK	1	8	23.70	23.84	23.75		
3	QPSK	1	14	23.72	23.76	23.69		
3	QPSK	8	0	22.99	23.06	22.84	24.5	1
3	QPSK	8	4	22.81	22.91	22.81		
3	QPSK	8	7	22.68	22.86	22.88		
3	QPSK	15	0	22.63	22.80	22.54		
3	16QAM	1	0	22.69	22.70	22.64	24.5	1
3	16QAM	1	8	22.51	22.61	22.54		
3	16QAM	1	14	22.58	22.81	22.60		
3	16QAM	8	0	21.74	21.71	21.65	23.5	2
3	16QAM	8	4	21.68	21.67	21.59		
3	16QAM	8	7	21.66	21.65	21.80		
3	16QAM	15	0	21.75	22.11	21.94		
3	64QAM	1	0	21.56	21.70	21.57	23.5	2
3	64QAM	1	8	21.52	21.64	21.58		
3	64QAM	1	14	21.63	21.95	21.56		
3	64QAM	8	0	20.63	20.92	20.94	22.5	3
3	64QAM	8	4	20.63	20.80	20.71		
3	64QAM	8	7	20.71	20.79	20.79		
3	64QAM	15	0	20.71	20.95	20.92		
3	256QAM	1	0	18.72	18.72	18.63	20.5	5
3	256QAM	1	8	18.67	18.68	18.60		
3	256QAM	1	14	18.60	18.61	18.56		
3	256QAM	8	0	18.77	18.75	18.71	20.5	5
3	256QAM	8	4	18.77	18.71	18.62		
3	256QAM	8	7	18.78	18.81	18.61		
3	256QAM	15	0	18.78	18.74	18.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.86	23.74	25.5	0
1.4	QPSK	1	3	23.77	23.81	23.84		
1.4	QPSK	1	5	23.72	23.83	23.70		
1.4	QPSK	3	0	23.77	23.92	23.65		
1.4	QPSK	3	1	23.78	23.82	23.74		
1.4	QPSK	3	3	23.71	23.79	23.62		
1.4	QPSK	6	0	22.93	23.00	22.91	24.5	1
1.4	16QAM	1	0	22.80	22.87	22.78	24.5	1
1.4	16QAM	1	3	22.68	22.99	22.94		
1.4	16QAM	1	5	22.65	22.80	22.58		
1.4	16QAM	3	0	22.58	22.62	22.64		
1.4	16QAM	3	1	22.50	22.64	22.51		
1.4	16QAM	3	3	22.52	22.75	22.61		
1.4	16QAM	6	0	21.77	21.84	21.69	23.5	2
1.4	64QAM	1	0	21.57	21.62	21.59	23.5	2
1.4	64QAM	1	3	21.67	21.67	21.77		
1.4	64QAM	1	5	21.80	22.01	21.86		
1.4	64QAM	3	0	21.65	21.67	21.55		
1.4	64QAM	3	1	21.56	21.64	21.61		
1.4	64QAM	3	3	21.61	21.84	21.52		
1.4	64QAM	6	0	20.59	20.87	20.60	22.5	3
1.4	256QAM	1	0	18.58	18.82	18.62	20.5	5
1.4	256QAM	1	3	18.56	18.65	18.56		
1.4	256QAM	1	5	18.56	18.62	18.54		
1.4	256QAM	3	0	18.78	18.70	18.81		
1.4	256QAM	3	1	18.75	18.74	18.63		
1.4	256QAM	3	3	18.76	18.85	18.62		
1.4	256QAM	6	0	18.82	18.76	18.72	20.5	5

Band 7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.47	23.55	23.37	25	0
20	QPSK	1	49	23.41	23.48	23.50		
20	QPSK	1	99	23.36	23.38	23.35		
20	QPSK	50	0	22.67	22.71	22.57	24	1
20	QPSK	50	24	22.53	22.55	22.49		
20	QPSK	50	50	22.50	22.65	22.54		
20	QPSK	100	0	22.34	22.48	22.26		
20	16QAM	1	0	22.24	22.29	22.27	24	1
20	16QAM	1	49	22.25	22.13	22.19		
20	16QAM	1	99	22.17	22.38	22.26		
20	16QAM	50	0	21.38	21.41	21.47	23	2
20	16QAM	50	24	21.28	21.29	21.35		
20	16QAM	50	50	21.32	21.49	21.46		
20	16QAM	100	0	21.45	21.64	21.61		
20	64QAM	1	0	21.19	21.45	21.31	23	2
20	64QAM	1	49	21.24	21.44	21.26		
20	64QAM	1	99	21.11	21.53	21.13		
20	64QAM	50	0	20.33	20.49	20.55	22	3
20	64QAM	50	24	20.31	20.47	20.35		
20	64QAM	50	50	20.39	20.44	20.37		
20	64QAM	100	0	20.50	20.64	20.52		
20	256QAM	1	0	18.36	18.47	18.21	20	5
20	256QAM	1	49	18.23	18.31	18.34		
20	256QAM	1	99	18.20	18.29	18.16		
20	256QAM	50	0	18.44	18.43	18.41	20	5
20	256QAM	50	24	18.46	18.37	18.36		
20	256QAM	50	50	18.43	18.53	18.28		
20	256QAM	100	0	18.46	18.47	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.44	23.52	23.25	25	0
15	QPSK	1	37	23.38	23.31	23.43		
15	QPSK	1	74	23.22	23.27	23.29		
15	QPSK	36	0	22.62	22.65	22.39	24	1
15	QPSK	36	20	22.46	22.43	22.39		
15	QPSK	36	39	22.36	22.52	22.47		
15	QPSK	75	0	22.30	22.34	22.19		
15	16QAM	1	0	22.18	22.25	22.14	24	1
15	16QAM	1	37	22.19	22.17	22.17		
15	16QAM	1	74	22.06	22.33	22.24		
15	16QAM	36	0	21.20	21.28	21.44	23	2
15	16QAM	36	20	21.11	21.18	21.27		
15	16QAM	36	39	21.14	21.32	21.33		
15	16QAM	75	0	21.29	21.50	21.49		
15	64QAM	1	0	21.12	21.38	21.22	23	2
15	64QAM	1	37	21.16	21.41	21.21		
15	64QAM	1	74	21.06	21.50	21.05		
15	64QAM	36	0	20.30	20.44	20.49	22	3
15	64QAM	36	20	20.24	20.32	20.29		
15	64QAM	36	39	20.21	20.35	20.33		
15	64QAM	75	0	20.36	20.51	20.47		
15	256QAM	1	0	18.28	18.42	18.15	20	5
15	256QAM	1	37	18.18	18.17	18.22		
15	256QAM	1	74	18.10	18.12	18.13		
15	256QAM	36	0	18.37	18.30	18.30	20	5
15	256QAM	36	20	18.37	18.30	18.28		
15	256QAM	36	39	18.25	18.48	18.21		
15	256QAM	75	0	18.38	18.33	18.39		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.43	23.37	23.21	25	0
10	QPSK	1	25	23.35	23.36	23.33		
10	QPSK	1	49	23.29	23.32	23.27		
10	QPSK	25	0	22.55	22.68	22.48	24	1
10	QPSK	25	12	22.49	22.53	22.39		
10	QPSK	25	25	22.33	22.61	22.49		
10	QPSK	50	0	22.31	22.45	22.21		
10	16QAM	1	0	22.21	22.11	22.13	24	1
10	16QAM	1	25	22.23	22.00	22.02		
10	16QAM	1	49	22.04	22.21	22.16		
10	16QAM	25	0	21.27	21.23	21.34	23	2
10	16QAM	25	12	21.15	21.21	21.30		
10	16QAM	25	25	21.28	21.44	21.42		
10	16QAM	50	0	21.35	21.61	21.53		
10	64QAM	1	0	21.12	21.29	21.13	23	2
10	64QAM	1	25	21.15	21.41	21.10		
10	64QAM	1	49	21.22	21.37	21.04		
10	64QAM	25	0	20.29	20.37	20.50	22	3
10	64QAM	25	12	20.20	20.36	20.20		
10	64QAM	25	25	20.37	20.38	20.24		
10	64QAM	50	0	20.47	20.47	20.38		
10	256QAM	1	0	18.24	18.44	18.12	20	5
10	256QAM	1	25	18.15	18.25	18.19		
10	256QAM	1	49	18.13	18.13	18.00		
10	256QAM	25	0	18.32	18.38	18.33	20	5
10	256QAM	25	12	18.33	18.25	18.27		
10	256QAM	25	25	18.25	18.48	18.12		
10	256QAM	50	0	18.42	18.31	18.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.32	23.50	23.23	25	0
5	QPSK	1	12	23.23	23.32	23.37		
5	QPSK	1	24	23.20	23.25	23.27		
5	QPSK	12	0	22.56	22.59	22.54	24	1
5	QPSK	12	7	22.37	22.42	22.33		
5	QPSK	12	13	22.45	22.47	22.46		
5	QPSK	25	0	22.27	22.30	22.09		
5	16QAM	1	0	22.08	22.24	22.23	24	1
5	16QAM	1	12	22.21	22.11	22.04		
5	16QAM	1	24	22.01	22.28	22.09		
5	16QAM	12	0	21.29	21.39	21.31	23	2
5	16QAM	12	7	21.12	21.14	21.19		
5	16QAM	12	13	21.21	21.45	21.42		
5	16QAM	25	0	21.36	21.61	21.50		
5	64QAM	1	0	21.17	21.35	21.27	23	2
5	64QAM	1	12	21.16	21.35	21.22		
5	64QAM	1	24	21.00	21.45	21.02		
5	64QAM	12	0	20.16	20.46	20.46	22	3
5	64QAM	12	7	20.20	20.31	20.20		
5	64QAM	12	13	20.22	20.34	20.22		
5	64QAM	25	0	20.46	20.58	20.35		
5	256QAM	1	0	18.21	18.30	18.11	20	5
5	256QAM	1	12	18.18	18.26	18.27		
5	256QAM	1	24	18.14	18.26	18.12		
5	256QAM	12	0	18.40	18.25	18.36	20	5
5	256QAM	12	7	18.31	18.25	18.21		
5	256QAM	12	13	18.32	18.37	18.14		
5	256QAM	25	0	18.43	18.45	18.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.05	23.16	22.93	24.5	0
20	QPSK	1	49	22.96	22.95	22.97		
20	QPSK	1	99	22.93	22.89	22.93		
20	QPSK	50	0	22.20	22.29	22.18	23.5	1
20	QPSK	50	24	22.01	22.08	22.09		
20	QPSK	50	50	22.01	22.13	22.09		
20	QPSK	100	0	21.87	21.95	21.74		
20	16QAM	1	0	21.84	21.84	21.76	23.5	1
20	16QAM	1	49	21.70	21.66	21.75		
20	16QAM	1	99	21.74	21.83	21.79		
20	16QAM	50	0	20.91	20.98	20.91	22.5	2
20	16QAM	50	24	20.85	20.82	20.92		
20	16QAM	50	50	20.79	21.01	20.96		
20	16QAM	100	0	20.98	21.27	21.11		
20	64QAM	1	0	20.73	20.98	20.78	22.5	2
20	64QAM	1	49	20.68	20.89	20.81		
20	64QAM	1	99	20.71	21.07	20.67		
20	64QAM	50	0	19.79	20.02	20.13	21.5	3
20	64QAM	50	24	19.85	19.99	19.87		
20	64QAM	50	50	19.82	19.95	19.89		
20	64QAM	100	0	19.96	20.18	20.10		
20	256QAM	1	0	17.80	18.01	17.77	19.5	5
20	256QAM	1	49	17.84	17.95	17.85		
20	256QAM	1	99	17.73	17.76	17.71		
20	256QAM	50	0	17.96	17.95	17.90	19.5	5
20	256QAM	50	24	18.00	17.95	17.84		
20	256QAM	50	50	17.89	18.04	17.87		
20	256QAM	100	0	17.97	18.02	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.01	23.06	22.84	24.5	0
15	QPSK	1	37	22.79	22.81	22.93		
15	QPSK	1	74	22.80	22.76	22.80		
15	QPSK	36	0	22.10	22.24	22.12	23.5	1
15	QPSK	36	20	21.89	21.97	22.01		
15	QPSK	36	39	21.97	22.03	22.02		
15	QPSK	75	0	21.80	21.84	21.59		
15	16QAM	1	0	21.71	21.80	21.66	23.5	1
15	16QAM	1	37	21.56	21.55	21.61		
15	16QAM	1	74	21.60	21.66	21.70		
15	16QAM	36	0	20.74	20.86	20.82	22.5	2
15	16QAM	36	20	20.78	20.70	20.81		
15	16QAM	36	39	20.76	20.93	20.85		
15	16QAM	75	0	20.96	21.10	21.05		
15	64QAM	1	0	20.57	20.90	20.67	22.5	2
15	64QAM	1	37	20.62	20.75	20.69		
15	64QAM	1	74	20.59	20.91	20.60		
15	64QAM	36	0	19.63	19.96	20.10	21.5	3
15	64QAM	36	20	19.76	19.85	19.78		
15	64QAM	36	39	19.72	19.80	19.76		
15	64QAM	75	0	19.94	20.02	20.06		
15	256QAM	1	0	17.72	17.84	17.73	19.5	5
15	256QAM	1	37	17.71	17.92	17.70		
15	256QAM	1	74	17.61	17.69	17.67		
15	256QAM	36	0	17.91	17.84	17.82	19.5	5
15	256QAM	36	20	17.91	17.92	17.82		
15	256QAM	36	39	17.86	17.90	17.84		
15	256QAM	75	0	17.86	17.95	17.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.89	23.08	22.86	24.5	0
10	QPSK	1	25	22.86	22.86	22.91		
10	QPSK	1	49	22.87	22.76	22.81		
10	QPSK	25	0	22.08	22.24	22.06	23.5	1
10	QPSK	25	12	21.88	22.02	21.99		
10	QPSK	25	25	21.99	21.98	21.98		
10	QPSK	50	0	21.73	21.92	21.56		
10	16QAM	1	0	21.78	21.78	21.65	23.5	1
10	16QAM	1	25	21.52	21.50	21.59		
10	16QAM	1	49	21.67	21.71	21.76		
10	16QAM	25	0	20.80	20.81	20.89	22.5	2
10	16QAM	25	12	20.68	20.74	20.84		
10	16QAM	25	25	20.75	20.91	20.83		
10	16QAM	50	0	20.88	21.15	21.06		
10	64QAM	1	0	20.58	20.96	20.75	22.5	2
10	64QAM	1	25	20.62	20.73	20.67		
10	64QAM	1	49	20.64	20.89	20.63		
10	64QAM	25	0	19.67	19.92	20.03	21.5	3
10	64QAM	25	12	19.80	19.92	19.69		
10	64QAM	25	25	19.74	19.91	19.77		
10	64QAM	50	0	19.93	20.11	20.03		
10	256QAM	1	0	17.70	17.96	17.73	19.5	5
10	256QAM	1	25	17.73	17.88	17.75		
10	256QAM	1	49	17.60	17.62	17.66		
10	256QAM	25	0	17.89	17.90	17.77	19.5	5
10	256QAM	25	12	17.87	17.86	17.75		
10	256QAM	25	25	17.71	17.91	17.82		
10	256QAM	50	0	17.88	17.95	17.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.98	23.12	22.86	24.5	0
5	QPSK	1	12	22.93	22.82	22.88		
5	QPSK	1	24	22.81	22.77	22.81		
5	QPSK	12	0	22.17	22.24	22.06	23.5	1
5	QPSK	12	7	21.86	21.96	21.93		
5	QPSK	12	13	21.98	22.03	21.94		
5	QPSK	25	0	21.78	21.93	21.71		
5	16QAM	1	0	21.82	21.73	21.58	23.5	1
5	16QAM	1	12	21.55	21.52	21.70		
5	16QAM	1	24	21.59	21.70	21.73		
5	16QAM	12	0	20.87	20.88	20.83	22.5	2
5	16QAM	12	7	20.75	20.76	20.86		
5	16QAM	12	13	20.74	20.87	20.85		
5	16QAM	25	0	20.94	21.15	21.02		
5	64QAM	1	0	20.55	20.94	20.72	22.5	2
5	64QAM	1	12	20.61	20.79	20.63		
5	64QAM	1	24	20.58	20.97	20.51		
5	64QAM	12	0	19.70	19.97	19.98	21.5	3
5	64QAM	12	7	19.70	19.96	19.82		
5	64QAM	12	13	19.66	19.88	19.75		
5	64QAM	25	0	19.93	20.08	20.02		
5	256QAM	1	0	17.62	17.91	17.61	19.5	5
5	256QAM	1	12	17.72	17.80	17.75		
5	256QAM	1	24	17.67	17.67	17.55		
5	256QAM	12	0	17.91	17.82	17.79	19.5	5
5	256QAM	12	7	17.94	17.88	17.67		
5	256QAM	12	13	17.73	17.86	17.71		
5	256QAM	25	0	17.90	17.90	17.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.98	23.11	22.81	24.5	0
3	QPSK	1	8	22.86	22.79	22.83		
3	QPSK	1	14	22.90	22.82	22.84		
3	QPSK	8	0	22.11	22.13	22.06	23.5	1
3	QPSK	8	4	21.97	21.91	22.03		
3	QPSK	8	7	21.94	21.96	22.07		
3	QPSK	15	0	21.80	21.82	21.61		
3	16QAM	1	0	21.69	21.80	21.61	23.5	1
3	16QAM	1	8	21.61	21.50	21.66		
3	16QAM	1	14	21.58	21.75	21.64		
3	16QAM	8	0	20.86	20.87	20.80	22.5	2
3	16QAM	8	4	20.71	20.71	20.86		
3	16QAM	8	7	20.62	20.96	20.82		
3	16QAM	15	0	20.84	21.13	20.94		
3	64QAM	1	0	20.59	20.83	20.71	22.5	2
3	64QAM	1	8	20.57	20.82	20.64		
3	64QAM	1	14	20.67	21.00	20.52		
3	64QAM	8	0	19.76	19.89	19.99	21.5	3
3	64QAM	8	4	19.79	19.95	19.77		
3	64QAM	8	7	19.69	19.90	19.84		
3	64QAM	15	0	19.84	20.08	19.97		
3	256QAM	1	0	17.68	17.90	17.63	19.5	5
3	256QAM	1	8	17.74	17.91	17.79		
3	256QAM	1	14	17.64	17.71	17.60		
3	256QAM	8	0	17.88	17.90	17.73	19.5	5
3	256QAM	8	4	17.83	17.78	17.82		
3	256QAM	8	7	17.77	17.92	17.76		
3	256QAM	15	0	17.80	17.91	17.71		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.89	23.08	22.84	24.5	0
1.4	QPSK	1	3	22.81	22.86	22.87		
1.4	QPSK	1	5	22.89	22.77	22.91		
1.4	QPSK	3	0	22.91	23.12	22.90		
1.4	QPSK	3	1	22.87	22.86	22.83		
1.4	QPSK	3	3	22.82	22.85	22.83		
1.4	QPSK	6	0	22.06	22.26	22.10	23.5	1
1.4	16QAM	1	0	21.89	21.97	22.04	23.5	1
1.4	16QAM	1	3	21.96	21.99	22.00		
1.4	16QAM	1	5	21.79	21.83	21.62		
1.4	16QAM	3	0	21.80	21.79	21.68		
1.4	16QAM	3	1	21.59	21.50	21.63		
1.4	16QAM	3	3	21.72	21.76	21.69		
1.4	16QAM	6	0	20.78	20.87	20.88	22.5	2
1.4	64QAM	1	0	20.77	20.67	20.87	22.5	2
1.4	64QAM	1	3	20.63	20.97	20.83		
1.4	64QAM	1	5	20.86	21.10	21.04		
1.4	64QAM	3	0	20.66	20.91	20.66		
1.4	64QAM	3	1	20.54	20.86	20.68		
1.4	64QAM	3	3	20.67	21.03	20.60		
1.4	64QAM	6	0	19.73	19.89	19.84	21.5	3
1.4	256QAM	1	0	17.71	17.92	17.65	19.5	5
1.4	256QAM	1	3	17.74	17.80	17.72		
1.4	256QAM	1	5	17.56	17.67	17.57		
1.4	256QAM	3	0	17.89	17.83	17.76		
1.4	256QAM	3	1	17.96	17.88	17.68		
1.4	256QAM	3	3	17.73	18.02	17.70		
1.4	256QAM	6	0	17.84	17.88	17.75	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.87	24.14	23.73	25.5	0
20	QPSK	1	49	23.73	24.04	23.88		
20	QPSK	1	99	23.74	24.01	23.82		
20	QPSK	50	0	23.04	23.28	23.06	24.5	1
20	QPSK	50	24	22.86	23.14	22.94		
20	QPSK	50	50	22.89	23.19	22.99		
20	QPSK	100	0	22.70	23.03	22.66		
20	16QAM	1	0	22.64	22.93	22.64	24.5	1
20	16QAM	1	49	22.59	22.71	22.56		
20	16QAM	1	99	22.52	22.93	22.61		
20	16QAM	50	0	21.78	22.00	21.76	23.5	2
20	16QAM	50	24	21.70	21.83	21.76		
20	16QAM	50	50	21.67	21.98	21.82		
20	16QAM	100	0	21.84	22.33	22.00		
20	64QAM	1	0	21.65	21.97	21.69	23.5	2
20	64QAM	1	49	21.56	21.96	21.58		
20	64QAM	1	99	21.55	22.13	21.51		
20	64QAM	50	0	20.64	21.16	20.99	22.5	3
20	64QAM	50	24	20.66	21.05	20.68		
20	64QAM	50	50	20.70	21.05	20.71		
20	64QAM	100	0	20.82	21.25	20.89		
20	256QAM	1	0	18.66	19.07	18.63	20.5	5
20	256QAM	1	49	18.71	18.97	18.71		
20	256QAM	1	99	18.59	18.81	18.54		
20	256QAM	50	0	18.81	19.08	18.84	20.5	5
20	256QAM	50	24	18.76	19.02	18.65		
20	256QAM	50	50	18.78	19.12	18.70		
20	256QAM	100	0	18.83	19.08	18.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.74	23.92	23.69	25.5	0
15	QPSK	1	37	23.68	23.78	23.86		
15	QPSK	1	74	23.64	23.65	23.73		
15	QPSK	36	0	22.92	22.93	22.91	24.5	1
15	QPSK	36	20	22.72	22.81	22.85		
15	QPSK	36	39	22.78	22.91	22.92		
15	QPSK	75	0	22.59	22.70	22.59		
15	16QAM	1	0	22.57	22.62	22.54	24.5	1
15	16QAM	1	37	22.50	22.60	22.52		
15	16QAM	1	74	22.56	22.58	22.59		
15	16QAM	36	0	21.72	21.71	21.61	23.5	2
15	16QAM	36	20	21.55	21.56	21.65		
15	16QAM	36	39	21.52	21.68	21.79		
15	16QAM	75	0	21.80	21.96	21.86		
15	64QAM	1	0	21.63	21.66	21.60	23.5	2
15	64QAM	1	37	21.52	21.69	21.55		
15	64QAM	1	74	21.52	21.89	21.66		
15	64QAM	36	0	20.63	20.79	20.74	22.5	3
15	64QAM	36	20	20.53	20.79	20.65		
15	64QAM	36	39	20.62	20.74	20.55		
15	64QAM	75	0	20.80	20.97	20.82		
15	256QAM	1	0	18.63	18.70	18.57	20.5	5
15	256QAM	1	37	18.63	18.66	18.65		
15	256QAM	1	74	18.61	18.61	18.56		
15	256QAM	36	0	18.68	18.78	18.71	20.5	5
15	256QAM	36	20	18.60	18.79	18.58		
15	256QAM	36	39	18.73	18.87	18.66		
15	256QAM	75	0	18.78	18.74	18.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.81	23.80	23.58	25.5	0
10	QPSK	1	25	23.56	23.75	23.82		
10	QPSK	1	49	23.65	23.71	23.75		
10	QPSK	25	0	22.88	22.97	22.90	24.5	1
10	QPSK	25	12	22.70	22.86	22.80		
10	QPSK	25	25	22.75	22.94	22.93		
10	QPSK	50	0	22.54	22.77	22.65		
10	16QAM	1	0	22.61	22.70	22.67	24.5	1
10	16QAM	1	25	22.58	22.68	22.50		
10	16QAM	1	49	22.58	22.56	22.56		
10	16QAM	25	0	21.72	21.66	21.60	23.5	2
10	16QAM	25	12	21.61	21.60	21.65		
10	16QAM	25	25	21.60	21.64	21.79		
10	16QAM	50	0	21.78	22.11	21.93		
10	64QAM	1	0	21.53	21.70	21.58	23.5	2
10	64QAM	1	25	21.52	21.58	21.56		
10	64QAM	1	49	21.50	21.80	21.51		
10	64QAM	25	0	20.69	20.91	20.71	22.5	3
10	64QAM	25	12	20.60	20.80	20.51		
10	64QAM	25	25	20.59	20.76	20.57		
10	64QAM	50	0	20.68	21.01	20.76		
10	256QAM	1	0	18.64	18.70	18.71	20.5	5
10	256QAM	1	25	18.57	18.59	18.69		
10	256QAM	1	49	18.52	18.67	18.58		
10	256QAM	25	0	18.69	18.73	18.76	20.5	5
10	256QAM	25	12	18.68	18.71	18.58		
10	256QAM	25	25	18.64	18.87	18.65		
10	256QAM	50	0	18.69	18.84	18.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.80	23.85	23.66	25.5	0
5	QPSK	1	12	23.65	23.74	23.79		
5	QPSK	1	24	23.59	23.66	23.64		
5	QPSK	12	0	22.94	23.02	22.97	24.5	1
5	QPSK	12	7	22.76	22.76	22.82		
5	QPSK	12	13	22.72	22.96	22.94		
5	QPSK	25	0	22.55	22.67	22.62		
5	16QAM	1	0	22.50	22.59	22.51	24.5	1
5	16QAM	1	12	22.58	22.63	22.56		
5	16QAM	1	24	22.58	22.63	22.64		
5	16QAM	12	0	21.67	21.73	21.60	23.5	2
5	16QAM	12	7	21.64	21.56	21.64		
5	16QAM	12	13	21.62	21.66	21.68		
5	16QAM	25	0	21.66	22.03	21.88		
5	64QAM	1	0	21.62	21.67	21.62	23.5	2
5	64QAM	1	12	21.55	21.70	21.65		
5	64QAM	1	24	21.54	21.83	21.56		
5	64QAM	12	0	20.77	20.90	20.66	22.5	3
5	64QAM	12	7	20.61	20.71	20.56		
5	64QAM	12	13	20.54	20.78	20.57		
5	64QAM	25	0	20.66	20.90	20.85		
5	256QAM	1	0	18.53	18.75	18.53	20.5	5
5	256QAM	1	12	18.54	18.60	18.67		
5	256QAM	1	24	18.51	18.69	18.56		
5	256QAM	12	0	18.75	18.83	18.77	20.5	5
5	256QAM	12	7	18.70	18.67	18.62		
5	256QAM	12	13	18.74	18.79	18.68		
5	256QAM	25	0	18.73	18.72	18.70		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.72	23.90	23.65	25.5	0
3	QPSK	1	8	23.65	23.73	23.74		
3	QPSK	1	14	23.70	23.72	23.73		
3	QPSK	8	0	23.00	22.93	22.94	24.5	1
3	QPSK	8	4	22.79	22.88	22.84		
3	QPSK	8	7	22.73	22.91	22.85		
3	QPSK	15	0	22.68	22.72	22.55		
3	16QAM	1	0	22.59	22.56	22.56	24.5	1
3	16QAM	1	8	22.50	22.56	22.59		
3	16QAM	1	14	22.53	22.65	22.63		
3	16QAM	8	0	21.70	21.67	21.71	23.5	2
3	16QAM	8	4	21.58	21.51	21.68		
3	16QAM	8	7	21.61	21.72	21.76		
3	16QAM	15	0	21.75	22.10	21.84		
3	64QAM	1	0	21.62	21.66	21.58	23.5	2
3	64QAM	1	8	21.63	21.63	21.56		
3	64QAM	1	14	21.50	21.87	21.52		
3	64QAM	8	0	20.74	20.79	20.73	22.5	3
3	64QAM	8	4	20.61	20.77	20.54		
3	64QAM	8	7	20.59	20.74	20.60		
3	64QAM	15	0	20.76	21.00	20.83		
3	256QAM	1	0	18.56	18.83	18.59	20.5	5
3	256QAM	1	8	18.61	18.59	18.67		
3	256QAM	1	14	18.58	18.55	18.59		
3	256QAM	8	0	18.71	18.79	18.70	20.5	5
3	256QAM	8	4	18.72	18.70	18.61		
3	256QAM	8	7	18.68	18.84	18.60		
3	256QAM	15	0	18.77	18.78	18.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.77	23.71	25.5	0
1.4	QPSK	1	3	23.63	23.69	23.80		
1.4	QPSK	1	5	23.66	23.77	23.65		
1.4	QPSK	3	0	23.70	23.84	23.66		
1.4	QPSK	3	1	23.68	23.77	23.72		
1.4	QPSK	3	3	23.71	23.74	23.69		
1.4	QPSK	6	0	22.88	23.02	22.99	24.5	1
1.4	16QAM	1	0	22.75	22.86	22.89	24.5	1
1.4	16QAM	1	3	22.82	22.93	22.92		
1.4	16QAM	1	5	22.66	22.75	22.55		
1.4	16QAM	3	0	22.61	22.56	22.50		
1.4	16QAM	3	1	22.60	22.59	22.58		
1.4	16QAM	3	3	22.55	22.65	22.56		
1.4	16QAM	6	0	21.66	21.78	21.71	23.5	2
1.4	64QAM	1	0	21.58	21.57	21.64	23.5	2
1.4	64QAM	1	3	21.63	21.62	21.69		
1.4	64QAM	1	5	21.72	22.01	21.94		
1.4	64QAM	3	0	21.58	21.70	21.59		
1.4	64QAM	3	1	21.63	21.58	21.63		
1.4	64QAM	3	3	21.58	21.75	21.53		
1.4	64QAM	6	0	20.72	20.84	20.62	22.5	3
1.4	256QAM	1	0	18.64	18.81	18.57	20.5	5
1.4	256QAM	1	3	18.53	18.73	18.66		
1.4	256QAM	1	5	18.57	18.61	18.54		
1.4	256QAM	3	0	18.70	18.86	18.74		
1.4	256QAM	3	1	18.71	18.65	18.60		
1.4	256QAM	3	3	18.62	18.77	18.56		
1.4	256QAM	6	0	18.67	18.80	18.74	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.72	23.81	23.54	25	0
20	QPSK	1	49	23.55	23.59	23.56		
20	QPSK	1	99	23.56	23.61	23.51		
20	QPSK	50	0	22.74	22.96	22.76	24	1
20	QPSK	50	24	22.72	22.74	22.67		
20	QPSK	50	50	22.63	22.77	22.69		
20	QPSK	100	0	22.53	22.57	22.46		
20	16QAM	1	0	22.48	22.50	22.40	24	1
20	16QAM	1	49	22.39	22.33	22.42		
20	16QAM	1	99	22.36	22.51	22.41		
20	16QAM	50	0	21.56	21.53	21.55	23	2
20	16QAM	50	24	21.40	21.47	21.54		
20	16QAM	50	50	21.52	21.64	21.58		
20	16QAM	100	0	21.68	21.83	21.71		
20	64QAM	1	0	21.46	21.57	21.43	23	2
20	64QAM	1	49	21.40	21.51	21.42		
20	64QAM	1	99	21.29	21.70	21.28		
20	64QAM	50	0	20.54	20.69	20.70	22	3
20	64QAM	50	24	20.47	20.57	20.52		
20	64QAM	50	50	20.47	20.57	20.57		
20	64QAM	100	0	20.62	20.74	20.69		
20	256QAM	1	0	18.53	18.72	18.37	20	5
20	256QAM	1	49	18.41	18.58	18.46		
20	256QAM	1	99	18.43	18.40	18.30		
20	256QAM	50	0	18.57	18.66	18.54	20	5
20	256QAM	50	24	18.58	18.58	18.43		
20	256QAM	50	50	18.55	18.68	18.41		
20	256QAM	100	0	18.63	18.72	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.66	23.70	23.47	25	0
15	QPSK	1	37	23.48	23.47	23.40		
15	QPSK	1	74	23.54	23.57	23.33		
15	QPSK	36	0	22.68	22.86	22.65	24	1
15	QPSK	36	20	22.67	22.68	22.55		
15	QPSK	36	39	22.55	22.60	22.61		
15	QPSK	75	0	22.43	22.42	22.34		
15	16QAM	1	0	22.43	22.32	22.29	24	1
15	16QAM	1	37	22.34	22.16	22.27		
15	16QAM	1	74	22.26	22.38	22.33		
15	16QAM	36	0	21.44	21.37	21.39	23	2
15	16QAM	36	20	21.37	21.44	21.37		
15	16QAM	36	39	21.42	21.56	21.48		
15	16QAM	75	0	21.57	21.76	21.65		
15	64QAM	1	0	21.39	21.44	21.28	23	2
15	64QAM	1	37	21.31	21.40	21.36		
15	64QAM	1	74	21.25	21.57	21.18		
15	64QAM	36	0	20.38	20.62	20.63	22	3
15	64QAM	36	20	20.34	20.52	20.50		
15	64QAM	36	39	20.44	20.51	20.51		
15	64QAM	75	0	20.50	20.66	20.58		
15	256QAM	1	0	18.42	18.61	18.22	20	5
15	256QAM	1	37	18.27	18.40	18.43		
15	256QAM	1	74	18.38	18.31	18.19		
15	256QAM	36	0	18.52	18.64	18.49	20	5
15	256QAM	36	20	18.41	18.49	18.38		
15	256QAM	36	39	18.46	18.54	18.36		
15	256QAM	75	0	18.61	18.60	18.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.66	23.65	23.39	25	0
10	QPSK	1	25	23.41	23.52	23.49		
10	QPSK	1	49	23.44	23.57	23.42		
10	QPSK	25	0	22.69	22.80	22.68	24	1
10	QPSK	25	12	22.65	22.62	22.50		
10	QPSK	25	25	22.61	22.60	22.65		
10	QPSK	50	0	22.42	22.49	22.29		
10	16QAM	1	0	22.34	22.39	22.30	24	1
10	16QAM	1	25	22.33	22.26	22.32		
10	16QAM	1	49	22.26	22.47	22.29		
10	16QAM	25	0	21.45	21.42	21.40	23	2
10	16QAM	25	12	21.32	21.36	21.37		
10	16QAM	25	25	21.43	21.52	21.55		
10	16QAM	50	0	21.56	21.78	21.54		
10	64QAM	1	0	21.28	21.50	21.40	23	2
10	64QAM	1	25	21.23	21.40	21.34		
10	64QAM	1	49	21.22	21.53	21.11		
10	64QAM	25	0	20.49	20.61	20.65	22	3
10	64QAM	25	12	20.35	20.53	20.34		
10	64QAM	25	25	20.39	20.54	20.53		
10	64QAM	50	0	20.48	20.56	20.60		
10	256QAM	1	0	18.50	18.67	18.23	20	5
10	256QAM	1	25	18.31	18.40	18.32		
10	256QAM	1	49	18.29	18.27	18.31		
10	256QAM	25	0	18.44	18.53	18.41	20	5
10	256QAM	25	12	18.41	18.43	18.36		
10	256QAM	25	25	18.48	18.60	18.27		
10	256QAM	50	0	18.48	18.65	18.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.66	23.64	23.46	25	0
5	QPSK	1	12	23.50	23.44	23.43		
5	QPSK	1	24	23.46	23.59	23.34		
5	QPSK	12	0	22.62	22.87	22.64	24	1
5	QPSK	12	7	22.57	22.69	22.63		
5	QPSK	12	13	22.47	22.71	22.61		
5	QPSK	25	0	22.44	22.54	22.43		
5	16QAM	1	0	22.41	22.41	22.24	24	1
5	16QAM	1	12	22.27	22.25	22.25		
5	16QAM	1	24	22.27	22.37	22.24		
5	16QAM	12	0	21.43	21.47	21.39	23	2
5	16QAM	12	7	21.28	21.38	21.40		
5	16QAM	12	13	21.50	21.56	21.54		
5	16QAM	25	0	21.58	21.70	21.56		
5	64QAM	1	0	21.34	21.49	21.33	23	2
5	64QAM	1	12	21.25	21.45	21.32		
5	64QAM	1	24	21.27	21.56	21.12		
5	64QAM	12	0	20.51	20.54	20.67	22	3
5	64QAM	12	7	20.44	20.40	20.40		
5	64QAM	12	13	20.39	20.50	20.54		
5	64QAM	25	0	20.47	20.57	20.60		
5	256QAM	1	0	18.49	18.56	18.24	20	5
5	256QAM	1	12	18.30	18.50	18.42		
5	256QAM	1	24	18.35	18.24	18.13		
5	256QAM	12	0	18.39	18.48	18.43	20	5
5	256QAM	12	7	18.53	18.54	18.29		
5	256QAM	12	13	18.50	18.57	18.25		
5	256QAM	25	0	18.46	18.61	18.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.57	23.61	23.66	23.54	23.53	25	0
20	QPSK	1	49	23.50	23.59	23.64	23.54	23.53		
20	QPSK	1	99	23.48	23.52	23.57	23.51	23.45		
20	QPSK	50	0	22.70	22.69	22.88	22.80	22.74	24	1
20	QPSK	50	24	22.58	22.63	22.75	22.65	22.60		
20	QPSK	50	50	22.58	22.65	22.75	22.73	22.60		
20	QPSK	100	0	22.42	22.48	22.54	22.40	22.41		
20	16QAM	1	0	22.33	22.38	22.52	22.45	22.30	24	1
20	16QAM	1	49	22.27	22.36	22.28	22.34	22.26		
20	16QAM	1	99	22.25	22.29	22.54	22.40	22.29		
20	16QAM	50	0	21.40	21.47	21.55	21.53	21.46	23	2
20	16QAM	50	24	21.34	21.38	21.46	21.48	21.37		
20	16QAM	50	50	21.33	21.41	21.57	21.53	21.40		
20	16QAM	100	0	21.50	21.60	21.88	21.72	21.58		
20	64QAM	1	0	21.30	21.44	21.61	21.42	21.31	23	2
20	64QAM	1	49	21.23	21.33	21.54	21.41	21.32		
20	64QAM	1	99	21.21	21.27	21.66	21.25	21.19		
20	64QAM	50	0	20.37	20.47	20.70	20.65	20.36	22	3
20	64QAM	50	24	20.36	20.35	20.62	20.50	20.36		
20	64QAM	50	50	20.38	20.50	20.57	20.53	20.37		
20	64QAM	100	0	20.56	20.58	20.81	20.64	20.58		
20	256QAM	1	0	18.35	18.49	18.68	18.42	18.46	20	5
20	256QAM	1	49	18.34	18.37	18.47	18.41	18.40		
20	256QAM	1	99	18.32	18.43	18.41	18.30	18.26		
20	256QAM	50	0	18.47	18.61	18.58	18.52	18.52	20	5
20	256QAM	50	24	18.55	18.53	18.57	18.45	18.50		
20	256QAM	50	50	18.45	18.55	18.71	18.38	18.48		
20	256QAM	100	0	18.51	18.62	18.64	18.58	18.49		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.54	23.53	23.51	23.40	23.36	25	0
15	QPSK	1	37	23.44	23.49	23.50	23.52	23.36		
15	QPSK	1	74	23.41	23.47	23.49	23.47	23.33		
15	QPSK	36	0	22.61	22.62	22.84	22.72	22.63	24	1
15	QPSK	36	20	22.51	22.52	22.58	22.59	22.47		
15	QPSK	36	39	22.42	22.62	22.71	22.67	22.46		
15	QPSK	75	0	22.25	22.31	22.49	22.36	22.31		
15	16QAM	1	0	22.23	22.35	22.43	22.38	22.16	24	1
15	16QAM	1	37	22.19	22.25	22.10	22.18	22.10		
15	16QAM	1	74	22.17	22.18	22.45	22.32	22.13		
15	16QAM	36	0	21.32	21.30	21.40	21.39	21.39	23	2
15	16QAM	36	20	21.31	21.28	21.32	21.40	21.34		
15	16QAM	36	39	21.30	21.35	21.54	21.39	21.24		
15	16QAM	75	0	21.46	21.58	21.80	21.54	21.49		
15	64QAM	1	0	21.15	21.29	21.51	21.26	21.28	23	2
15	64QAM	1	37	21.14	21.25	21.42	21.37	21.18		
15	64QAM	1	74	21.11	21.15	21.48	21.13	21.05		
15	64QAM	36	0	20.33	20.42	20.64	20.51	20.26	22	3
15	64QAM	36	20	20.29	20.21	20.58	20.44	20.19		
15	64QAM	36	39	20.28	20.43	20.51	20.36	20.25		
15	64QAM	75	0	20.43	20.47	20.76	20.49	20.55		
15	256QAM	1	0	18.32	18.38	18.66	18.37	18.40	20	5
15	256QAM	1	37	18.23	18.22	18.35	18.25	18.30		
15	256QAM	1	74	18.27	18.29	18.25	18.21	18.21		
15	256QAM	36	0	18.33	18.48	18.56	18.45	18.34	20	5
15	256QAM	36	20	18.52	18.39	18.40	18.29	18.45		
15	256QAM	36	39	18.39	18.48	18.68	18.31	18.37		
15	256QAM	75	0	18.43	18.50	18.46	18.44	18.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.54	23.45	23.58	23.44	23.47	25	0
10	QPSK	1	25	23.38	23.42	23.52	23.42	23.49		
10	QPSK	1	49	23.44	23.44	23.49	23.43	23.36		
10	QPSK	25	0	22.63	22.63	22.84	22.69	22.70	24	1
10	QPSK	25	12	22.48	22.47	22.69	22.58	22.46		
10	QPSK	25	25	22.46	22.61	22.61	22.61	22.50		
10	QPSK	50	0	22.26	22.32	22.49	22.32	22.35		
10	16QAM	1	0	22.18	22.32	22.41	22.28	22.25	24	1
10	16QAM	1	25	22.10	22.25	22.26	22.26	22.12		
10	16QAM	1	49	22.21	22.12	22.52	22.28	22.12		
10	16QAM	25	0	21.29	21.36	21.47	21.40	21.44	23	2
10	16QAM	25	12	21.26	21.29	21.30	21.39	21.34		
10	16QAM	25	25	21.27	21.31	21.48	21.35	21.24		
10	16QAM	50	0	21.42	21.48	21.73	21.57	21.46		
10	64QAM	1	0	21.17	21.32	21.43	21.31	21.23	23	2
10	64QAM	1	25	21.16	21.23	21.47	21.30	21.17		
10	64QAM	1	49	21.05	21.19	21.55	21.13	21.07		
10	64QAM	25	0	20.28	20.40	20.60	20.57	20.25	22	3
10	64QAM	25	12	20.22	20.30	20.48	20.47	20.20		
10	64QAM	25	25	20.24	20.47	20.40	20.39	20.31		
10	64QAM	50	0	20.49	20.46	20.75	20.62	20.54		
10	256QAM	1	0	18.23	18.33	18.57	18.34	18.30	20	5
10	256QAM	1	25	18.23	18.21	18.32	18.26	18.31		
10	256QAM	1	49	18.26	18.37	18.25	18.15	18.21		
10	256QAM	25	0	18.44	18.45	18.47	18.43	18.41	20	5
10	256QAM	25	12	18.45	18.45	18.52	18.37	18.33		
10	256QAM	25	25	18.43	18.43	18.56	18.25	18.39		
10	256QAM	50	0	18.40	18.52	18.52	18.44	18.41		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.54	23.54	23.59	23.40	23.42	25	0
5	QPSK	1	12	23.45	23.54	23.59	23.40	23.47		
5	QPSK	1	24	23.42	23.38	23.44	23.33	23.39		
5	QPSK	12	0	22.59	22.63	22.82	22.64	22.57	24	1
5	QPSK	12	7	22.55	22.55	22.65	22.58	22.45		
5	QPSK	12	13	22.53	22.52	22.62	22.56	22.54		
5	QPSK	25	0	22.29	22.33	22.51	22.23	22.38		
5	16QAM	1	0	22.22	22.34	22.49	22.29	22.19	24	1
5	16QAM	1	12	22.22	22.33	22.24	22.31	22.13		
5	16QAM	1	24	22.14	22.12	22.36	22.37	22.11		
5	16QAM	12	0	21.38	21.32	21.43	21.46	21.43	23	2
5	16QAM	12	7	21.22	21.23	21.42	21.43	21.20		
5	16QAM	12	13	21.29	21.34	21.49	21.47	21.30		
5	16QAM	25	0	21.38	21.56	21.74	21.63	21.53		
5	64QAM	1	0	21.20	21.27	21.50	21.38	21.17	23	2
5	64QAM	1	12	21.07	21.27	21.51	21.28	21.29		
5	64QAM	1	24	21.11	21.11	21.51	21.12	21.14		
5	64QAM	12	0	20.31	20.41	20.60	20.51	20.33	22	3
5	64QAM	12	7	20.32	20.19	20.60	20.45	20.20		
5	64QAM	12	13	20.33	20.43	20.53	20.42	20.29		
5	64QAM	25	0	20.41	20.46	20.78	20.62	20.44		
5	256QAM	1	0	18.26	18.41	18.62	18.39	18.35	20	5
5	256QAM	1	12	18.24	18.25	18.41	18.38	18.32		
5	256QAM	1	24	18.22	18.31	18.23	18.18	18.22		
5	256QAM	12	0	18.45	18.52	18.43	18.48	18.44	20	5
5	256QAM	12	7	18.41	18.49	18.54	18.37	18.40		
5	256QAM	12	13	18.33	18.37	18.61	18.31	18.42		
5	256QAM	25	0	18.38	18.55	18.58	18.48	18.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.03	25.14	24.85	25.7	0
20	QPSK	1	49	24.95	24.98	25.05		
20	QPSK	1	99	24.89	24.92	24.90		
20	QPSK	50	0	24.17	24.35	24.18	24.7	1
20	QPSK	50	24	24.10	24.17	24.08		
20	QPSK	50	50	24.02	24.21	24.11		
20	QPSK	100	0	23.90	23.95	23.87		
20	16QAM	1	0	23.83	23.87	23.86	24.7	1
20	16QAM	1	49	23.75	23.75	23.73		
20	16QAM	1	99	23.77	23.92	23.75		
20	16QAM	50	0	22.90	22.93	22.97	23.7	2
20	16QAM	50	24	22.83	22.91	22.86		
20	16QAM	50	50	22.78	23.02	22.96		
20	16QAM	100	0	22.99	23.25	23.11		
20	64QAM	1	0	22.82	22.97	22.81	23.7	2
20	64QAM	1	49	22.77	22.89	22.75		
20	64QAM	1	99	22.69	23.01	22.67		
20	64QAM	50	0	21.88	22.06	22.05	22.7	3
20	64QAM	50	24	21.85	22.07	21.88		
20	64QAM	50	50	21.88	22.02	21.97		
20	64QAM	100	0	22.00	22.21	22.10		
20	256QAM	1	0	19.86	20.08	19.80	20.7	5
20	256QAM	1	49	19.86	19.87	19.82		
20	256QAM	1	99	19.76	19.81	19.69		
20	256QAM	50	0	19.96	20.00	19.96	20.7	5
20	256QAM	50	24	20.00	19.94	19.85		
20	256QAM	50	50	19.96	20.05	19.89		
20	256QAM	100	0	20.01	20.06	19.98		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.90	25.02	24.76	25.7	0
15	QPSK	1	37	24.83	24.86	24.92		
15	QPSK	1	74	24.78	24.75	24.74		
15	QPSK	36	0	24.07	24.24	24.10	24.7	1
15	QPSK	36	20	23.99	23.99	23.94		
15	QPSK	36	39	23.94	24.08	24.04		
15	QPSK	75	0	23.74	23.83	23.85		
15	16QAM	1	0	23.66	23.83	23.72	24.7	1
15	16QAM	1	37	23.61	23.60	23.59		
15	16QAM	1	74	23.61	23.84	23.67		
15	16QAM	36	0	22.78	22.88	22.93	23.7	2
15	16QAM	36	20	22.71	22.83	22.82		
15	16QAM	36	39	22.65	22.88	22.94		
15	16QAM	75	0	22.88	23.17	23.05		
15	64QAM	1	0	22.64	22.84	22.66	23.7	2
15	64QAM	1	37	22.69	22.73	22.66		
15	64QAM	1	74	22.64	22.86	22.61		
15	64QAM	36	0	21.80	21.95	21.96	22.7	3
15	64QAM	36	20	21.69	21.98	21.75		
15	64QAM	36	39	21.72	21.97	21.87		
15	64QAM	75	0	21.89	22.09	22.05		
15	256QAM	1	0	19.81	20.05	19.74	20.7	5
15	256QAM	1	37	19.71	19.84	19.79		
15	256QAM	1	74	19.60	19.78	19.65		
15	256QAM	36	0	19.80	19.89	19.85	20.7	5
15	256QAM	36	20	19.91	19.84	19.73		
15	256QAM	36	39	19.86	19.99	19.79		
15	256QAM	75	0	19.88	19.93	19.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.89	25.03	24.80	25.7	0
10	QPSK	1	25	24.82	24.88	24.94		
10	QPSK	1	49	24.72	24.85	24.85		
10	QPSK	25	0	24.11	24.25	24.02	24.7	1
10	QPSK	25	12	23.94	24.13	23.93		
10	QPSK	25	25	23.88	24.10	24.05		
10	QPSK	50	0	23.87	23.92	23.71		
10	16QAM	1	0	23.69	23.75	23.70	24.7	1
10	16QAM	1	25	23.61	23.73	23.71		
10	16QAM	1	49	23.74	23.83	23.69		
10	16QAM	25	0	22.78	22.78	22.94	23.7	2
10	16QAM	25	12	22.78	22.78	22.75		
10	16QAM	25	25	22.69	22.99	22.81		
10	16QAM	50	0	22.89	23.16	22.94		
10	64QAM	1	0	22.67	22.84	22.78	23.7	2
10	64QAM	1	25	22.60	22.77	22.70		
10	64QAM	1	49	22.66	22.92	22.58		
10	64QAM	25	0	21.80	21.93	21.94	22.7	3
10	64QAM	25	12	21.76	22.01	21.77		
10	64QAM	25	25	21.71	22.00	21.92		
10	64QAM	50	0	21.95	22.06	22.03		
10	256QAM	1	0	19.70	19.92	19.66	20.7	5
10	256QAM	1	25	19.77	19.77	19.77		
10	256QAM	1	49	19.66	19.78	19.59		
10	256QAM	25	0	19.81	19.84	19.89	20.7	5
10	256QAM	25	12	19.89	19.85	19.72		
10	256QAM	25	25	19.81	19.98	19.73		
10	256QAM	50	0	19.89	19.99	19.84		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.94	24.97	24.69	25.7	0
5	QPSK	1	12	24.82	24.82	24.98		
5	QPSK	1	24	24.83	24.82	24.83		
5	QPSK	12	0	24.05	24.25	24.14	24.7	1
5	QPSK	12	7	24.02	24.12	23.92		
5	QPSK	12	13	23.91	24.15	23.98		
5	QPSK	25	0	23.78	23.92	23.80		
5	16QAM	1	0	23.70	23.82	23.69	24.7	1
5	16QAM	1	12	23.65	23.61	23.66		
5	16QAM	1	24	23.61	23.81	23.59		
5	16QAM	12	0	22.76	22.84	22.84	23.7	2
5	16QAM	12	7	22.78	22.82	22.73		
5	16QAM	12	13	22.70	22.93	22.88		
5	16QAM	25	0	22.95	23.10	23.07		
5	64QAM	1	0	22.76	22.80	22.78	23.7	2
5	64QAM	1	12	22.74	22.74	22.66		
5	64QAM	1	24	22.53	22.96	22.64		
5	64QAM	12	0	21.81	21.99	21.91	22.7	3
5	64QAM	12	7	21.82	22.02	21.84		
5	64QAM	12	13	21.74	21.96	21.88		
5	64QAM	25	0	21.89	22.08	22.06		
5	256QAM	1	0	19.81	19.92	19.74	20.7	5
5	256QAM	1	12	19.75	19.71	19.68		
5	256QAM	1	24	19.73	19.70	19.56		
5	256QAM	12	0	19.88	19.90	19.89	20.7	5
5	256QAM	12	7	19.85	19.84	19.67		
5	256QAM	12	13	19.86	20.01	19.84		
5	256QAM	25	0	19.95	19.99	19.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.73	23.80	23.54	23.38	24.5	0
20	QPSK	1	49	23.58	23.66	23.60	23.44		
20	QPSK	1	99	23.55	23.60	23.59	23.44		
20	QPSK	50	0	22.84	22.96	22.78	22.62	23.5	1
20	QPSK	50	24	22.68	22.70	22.69	22.61		
20	QPSK	50	50	22.72	22.81	22.80	22.61		
20	QPSK	100	0	22.54	22.60	22.47	22.34		
20	16QAM	1	0	22.45	22.58	22.44	22.26	23.5	1
20	16QAM	1	49	22.36	22.28	22.39	22.27		
20	16QAM	1	99	22.38	22.59	22.47	22.34		
20	16QAM	50	0	21.56	21.63	21.65	21.48	22.5	2
20	16QAM	50	24	21.48	21.46	21.58	21.42		
20	16QAM	50	50	21.51	21.61	21.58	21.42		
20	16QAM	100	0	21.67	21.92	21.80	21.66		
20	64QAM	1	0	21.43	21.62	21.49	21.58	22.5	2
20	64QAM	1	49	21.32	21.57	21.35	21.35		
20	64QAM	1	99	21.31	21.69	21.26	21.21		
20	64QAM	50	0	20.45	20.70	20.75	20.62	21.5	3
20	64QAM	50	24	20.42	20.59	20.51	20.35		
20	64QAM	50	50	20.48	20.65	20.50	20.47		
20	64QAM	100	0	20.65	20.82	20.76	20.60		
20	256QAM	1	0	18.49	18.72	18.37	18.30	19.5	5
20	256QAM	1	49	18.41	18.55	18.49	18.35		
20	256QAM	1	99	18.41	18.50	18.39	18.29		
20	256QAM	50	0	18.56	18.58	18.60	18.40	19.5	5
20	256QAM	50	24	18.61	18.61	18.44	18.31		
20	256QAM	50	50	18.61	18.69	18.52	18.35		
20	256QAM	100	0	18.70	18.71	18.64	18.42		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.70	23.47	23.23	24.5	0
15	QPSK	1	37	23.49	23.61	23.45	23.41		
15	QPSK	1	74	23.51	23.53	23.48	23.40		
15	QPSK	36	0	22.67	22.83	22.61	22.51	23.5	1
15	QPSK	36	20	22.51	22.56	22.53	22.58		
15	QPSK	36	39	22.56	22.64	22.69	22.58		
15	QPSK	75	0	22.38	22.43	22.31	22.19		
15	16QAM	1	0	22.37	22.45	22.30	22.16	23.5	1
15	16QAM	1	37	22.23	22.14	22.29	22.09		
15	16QAM	1	74	22.29	22.52	22.43	22.30		
15	16QAM	36	0	21.41	21.56	21.52	21.39	22.5	2
15	16QAM	36	20	21.37	21.37	21.43	21.29		
15	16QAM	36	39	21.46	21.52	21.55	21.27		
15	16QAM	75	0	21.52	21.86	21.72	21.51		
15	64QAM	1	0	21.38	21.57	21.38	21.56	22.5	2
15	64QAM	1	37	21.29	21.48	21.22	21.31		
15	64QAM	1	74	21.17	21.60	21.12	21.38		
15	64QAM	36	0	20.30	20.64	20.72	20.49	21.5	3
15	64QAM	36	20	20.29	20.43	20.37	20.32		
15	64QAM	36	39	20.44	20.53	20.43	20.40		
15	64QAM	75	0	20.55	20.80	20.71	20.47		
15	256QAM	1	0	18.39	18.70	18.31	18.27	19.5	5
15	256QAM	1	37	18.26	18.49	18.44	18.32		
15	256QAM	1	74	18.38	18.47	18.29	18.28		
15	256QAM	36	0	18.45	18.54	18.45	18.27	19.5	5
15	256QAM	36	20	18.55	18.45	18.42	18.21		
15	256QAM	36	39	18.54	18.61	18.37	18.28		
15	256QAM	75	0	18.67	18.66	18.60	18.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.68	23.72	23.46	23.29	24.5	0
10	QPSK	1	25	23.47	23.53	23.46	23.28		
10	QPSK	1	49	23.39	23.55	23.45	23.33		
10	QPSK	25	0	22.80	22.80	22.61	22.53	23.5	1
10	QPSK	25	12	22.63	22.64	22.54	22.52		
10	QPSK	25	25	22.58	22.63	22.67	22.54		
10	QPSK	50	0	22.38	22.53	22.32	22.19		
10	16QAM	1	0	22.36	22.45	22.34	22.11	23.5	1
10	16QAM	1	25	22.28	22.26	22.31	22.09		
10	16QAM	1	49	22.35	22.54	22.45	22.29		
10	16QAM	25	0	21.46	21.56	21.56	21.38	22.5	2
10	16QAM	25	12	21.41	21.31	21.54	21.39		
10	16QAM	25	25	21.42	21.51	21.44	21.32		
10	16QAM	50	0	21.56	21.85	21.77	21.50		
10	64QAM	1	0	21.36	21.60	21.36	21.44	22.5	2
10	64QAM	1	25	21.19	21.51	21.21	21.30		
10	64QAM	1	49	21.27	21.62	21.15	21.12		
10	64QAM	25	0	20.37	20.68	20.69	20.49	21.5	3
10	64QAM	25	12	20.37	20.44	20.39	20.29		
10	64QAM	25	25	20.36	20.54	20.40	20.39		
10	64QAM	50	0	20.51	20.78	20.62	20.42		
10	256QAM	1	0	18.33	18.57	18.33	18.19	19.5	5
10	256QAM	1	25	18.39	18.39	18.42	18.21		
10	256QAM	1	49	18.37	18.43	18.24	18.24		
10	256QAM	25	0	18.40	18.41	18.46	18.28	19.5	5
10	256QAM	25	12	18.50	18.48	18.33	18.18		
10	256QAM	25	25	18.48	18.54	18.45	18.18		
10	256QAM	50	0	18.57	18.54	18.52	18.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.68	23.45	23.26	24.5	0
5	QPSK	1	12	23.54	23.55	23.57	23.37		
5	QPSK	1	24	23.43	23.47	23.43	23.34		
5	QPSK	12	0	22.75	22.81	22.60	22.55	23.5	1
5	QPSK	12	7	22.58	22.54	22.61	22.45		
5	QPSK	12	13	22.67	22.74	22.75	22.55		
5	QPSK	25	0	22.52	22.46	22.31	22.16		
5	16QAM	1	0	22.43	22.47	22.28	22.23	23.5	1
5	16QAM	1	12	22.28	22.11	22.36	22.11		
5	16QAM	1	24	22.24	22.41	22.33	22.26		
5	16QAM	12	0	21.40	21.49	21.55	21.39	22.5	2
5	16QAM	12	7	21.38	21.40	21.43	21.34		
5	16QAM	12	13	21.44	21.47	21.43	21.26		
5	16QAM	25	0	21.55	21.77	21.72	21.51		
5	64QAM	1	0	21.37	21.59	21.38	21.42	22.5	2
5	64QAM	1	12	21.22	21.50	21.32	21.20		
5	64QAM	1	24	21.18	21.53	21.11	21.12		
5	64QAM	12	0	20.36	20.61	20.72	20.49	21.5	3
5	64QAM	12	7	20.29	20.54	20.40	20.36		
5	64QAM	12	13	20.44	20.53	20.45	20.31		
5	64QAM	25	0	20.53	20.78	20.67	20.51		
5	256QAM	1	0	18.39	18.55	18.19	18.19	19.5	5
5	256QAM	1	12	18.28	18.50	18.37	18.27		
5	256QAM	1	24	18.36	18.39	18.29	18.25		
5	256QAM	12	0	18.42	18.44	18.53	18.27	19.5	5
5	256QAM	12	7	18.49	18.46	18.29	18.16		
5	256QAM	12	13	18.51	18.59	18.48	18.31		
5	256QAM	25	0	18.52	18.62	18.59	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.25	24.35	24.05	25.5	0
20	QPSK	1	49	24.19	24.23	24.21		
20	QPSK	1	99	24.11	24.14	24.15		
20	QPSK	50	0	23.42	23.52	23.37	24.5	1
20	QPSK	50	24	23.27	23.33	23.23		
20	QPSK	50	50	23.17	23.34	23.36		
20	QPSK	100	0	23.15	23.23	22.95		
20	16QAM	1	0	22.97	23.07	23.07	24.5	1
20	16QAM	1	49	22.97	22.91	22.89		
20	16QAM	1	99	22.96	23.04	23.01		
20	16QAM	50	0	22.15	22.19	22.11	23.5	2
20	16QAM	50	24	22.05	22.02	22.07		
20	16QAM	50	50	22.06	22.18	22.14		
20	16QAM	100	0	22.18	22.39	22.35		
20	64QAM	1	0	22.03	22.15	21.99	23.5	2
20	64QAM	1	49	21.97	22.10	22.03		
20	64QAM	1	99	21.87	22.23	21.79		
20	64QAM	50	0	21.08	21.32	21.28	22.5	3
20	64QAM	50	24	21.06	21.23	21.13		
20	64QAM	50	50	21.12	21.14	21.14		
x	64QAM	100	0	21.20	21.38	21.28		
20	256QAM	1	0	19.07	19.27	19.05	20.5	5
20	256QAM	1	49	18.98	19.14	19.02		
20	256QAM	1	99	18.97	18.95	18.89		
20	256QAM	50	0	19.17	19.18	19.13	20.5	5
20	256QAM	50	24	19.20	19.11	19.05		
20	256QAM	50	50	19.13	19.28	19.03		
20	256QAM	100	0	19.20	19.31	19.12		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.23	24.26	23.91	25.5	0
15	QPSK	1	37	24.13	24.17	24.08		
15	QPSK	1	74	23.94	24.02	23.98		
15	QPSK	36	0	23.25	23.37	23.33	24.5	1
15	QPSK	36	20	23.19	23.27	23.13		
15	QPSK	36	39	23.01	23.23	23.26		
15	QPSK	75	0	22.98	23.14	22.90		
15	16QAM	1	0	22.93	22.98	22.96	24.5	1
15	16QAM	1	37	22.88	22.87	22.75		
15	16QAM	1	74	22.85	22.94	22.84		
15	16QAM	36	0	22.07	22.03	22.07	23.5	2
15	16QAM	36	20	21.88	21.89	22.03		
15	16QAM	36	39	22.02	22.09	22.04		
15	16QAM	75	0	22.05	22.36	22.17		
15	64QAM	1	0	21.93	22.09	21.94	23.5	2
15	64QAM	1	37	21.80	22.07	21.88		
15	64QAM	1	74	21.84	22.14	21.65		
15	64QAM	36	0	20.99	21.27	21.24	22.5	3
15	64QAM	36	20	20.99	21.20	21.05		
15	64QAM	36	39	21.08	20.99	21.04		
15	64QAM	75	0	21.17	21.35	21.12		
15	256QAM	1	0	19.01	19.13	18.94	20.5	5
15	256QAM	1	37	18.90	19.12	18.90		
15	256QAM	1	74	18.88	18.84	18.83		
15	256QAM	36	0	19.02	19.10	19.10	20.5	5
15	256QAM	36	20	19.13	19.05	18.88		
15	256QAM	36	39	19.10	19.21	18.98		
15	256QAM	75	0	19.09	19.26	18.95		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.07	24.22	23.87	25.5	0
10	QPSK	1	25	24.09	24.10	24.12		
10	QPSK	1	49	24.01	24.08	24.10		
10	QPSK	25	0	23.26	23.46	23.29	24.5	1
10	QPSK	25	12	23.12	23.19	23.11		
10	QPSK	25	25	23.14	23.29	23.19		
10	QPSK	50	0	23.06	23.08	22.92		
10	16QAM	1	0	22.92	22.97	22.96	24.5	1
10	16QAM	1	25	22.84	22.78	22.87		
10	16QAM	1	49	22.80	22.89	22.89		
10	16QAM	25	0	21.98	22.08	22.04	23.5	2
10	16QAM	25	12	21.97	21.88	21.90		
10	16QAM	25	25	21.89	22.13	22.02		
10	16QAM	50	0	22.10	22.28	22.25		
10	64QAM	1	0	21.90	22.05	21.84	23.5	2
10	64QAM	1	25	21.86	22.04	22.00		
10	64QAM	1	49	21.84	22.11	21.71		
10	64QAM	25	0	21.04	21.23	21.21	22.5	3
10	64QAM	25	12	20.97	21.06	20.99		
10	64QAM	25	25	21.08	21.07	20.98		
10	64QAM	50	0	21.04	21.23	21.20		
10	256QAM	1	0	19.01	19.17	18.93	20.5	5
10	256QAM	1	25	18.83	18.98	18.90		
10	256QAM	1	49	18.93	18.92	18.71		
10	256QAM	25	0	19.13	19.12	18.99	20.5	5
10	256QAM	25	12	19.04	18.94	18.99		
10	256QAM	25	25	19.09	19.14	18.86		
10	256QAM	50	0	19.14	19.22	19.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.12	24.19	23.99	25.5	0
5	QPSK	1	12	24.15	24.16	24.04		
5	QPSK	1	24	24.01	24.05	23.98		
5	QPSK	12	0	23.37	23.44	23.30	24.5	1
5	QPSK	12	7	23.23	23.18	23.06		
5	QPSK	12	13	23.00	23.25	23.19		
5	QPSK	25	0	23.05	23.19	22.79		
5	16QAM	1	0	22.92	22.93	23.03	24.5	1
5	16QAM	1	12	22.83	22.84	22.78		
5	16QAM	1	24	22.91	22.93	22.89		
5	16QAM	12	0	22.06	22.02	22.01	23.5	2
5	16QAM	12	7	21.93	21.98	21.96		
5	16QAM	12	13	21.95	22.09	22.00		
5	16QAM	25	0	22.15	22.27	22.31		
5	64QAM	1	0	21.95	22.11	21.87	23.5	2
5	64QAM	1	12	21.93	22.00	21.88		
5	64QAM	1	24	21.80	22.05	21.63		
5	64QAM	12	0	20.93	21.16	21.13	22.5	3
5	64QAM	12	7	20.90	21.17	21.00		
5	64QAM	12	13	21.02	20.96	21.06		
5	64QAM	25	0	21.15	21.34	21.22		
5	256QAM	1	0	19.00	19.16	19.03	20.5	5
5	256QAM	1	12	18.86	18.99	18.84		
5	256QAM	1	24	18.93	18.80	18.81		
5	256QAM	12	0	19.12	19.15	19.09	20.5	5
5	256QAM	12	7	19.05	19.07	19.01		
5	256QAM	12	13	18.99	19.16	18.95		
5	256QAM	25	0	19.16	19.29	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.81	22.50	22.49	24	0
20	QPSK	1	49	22.60	22.67	22.64	22.58		
20	QPSK	1	99	22.57	22.57	22.61	22.53		
20	QPSK	50	0	21.76	21.97	21.81	21.79	23	1
20	QPSK	50	24	21.72	21.82	21.71	21.66		
20	QPSK	50	50	21.71	21.76	21.74	21.72		
20	QPSK	100	0	21.55	21.60	21.42	21.49		
20	16QAM	1	0	21.43	21.53	21.40	21.45	23	1
20	16QAM	1	49	21.34	21.32	21.35	21.42		
20	16QAM	1	99	21.36	21.58	21.46	21.45		
20	16QAM	50	0	20.54	20.63	20.63	20.62	22	2
20	16QAM	50	24	20.48	20.50	20.51	20.56		
20	16QAM	50	50	20.45	20.68	20.59	20.55		
20	16QAM	100	0	20.66	20.85	20.74	20.71		
20	64QAM	1	0	20.39	20.65	20.49	20.53	22	2
20	64QAM	1	49	20.37	20.57	20.36	20.39		
20	64QAM	1	99	20.33	20.75	20.33	20.29		
20	64QAM	50	0	19.47	19.74	19.73	19.72	21	3
20	64QAM	50	24	19.42	19.65	19.54	19.55		
20	64QAM	50	50	19.50	19.64	19.51	19.52		
20	64QAM	100	0	19.66	19.76	19.80	19.69		
20	256QAM	1	0	17.50	17.74	17.38	17.48	19	5
20	256QAM	1	49	17.51	17.57	17.48	17.51		
20	256QAM	1	99	17.36	17.51	17.40	17.39		
20	256QAM	50	0	17.56	17.69	17.63	17.56	19	5
20	256QAM	50	24	17.65	17.56	17.52	17.48		
20	256QAM	50	50	17.62	17.71	17.53	17.54		
20	256QAM	100	0	17.70	17.65	17.61	17.61		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.63	22.78	22.40	22.36	24	0
15	QPSK	1	37	22.51	22.57	22.50	22.55		
15	QPSK	1	74	22.54	22.46	22.49	22.36		
15	QPSK	36	0	21.60	21.79	21.68	21.64	23	1
15	QPSK	36	20	21.68	21.67	21.56	21.63		
15	QPSK	36	39	21.60	21.63	21.59	21.60		
15	QPSK	75	0	21.41	21.49	21.32	21.43		
15	16QAM	1	0	21.34	21.43	21.24	21.32	23	1
15	16QAM	1	37	21.16	21.19	21.20	21.36		
15	16QAM	1	74	21.28	21.47	21.34	21.29		
15	16QAM	36	0	20.47	20.45	20.54	20.45	22	2
15	16QAM	36	20	20.34	20.44	20.37	20.48		
15	16QAM	36	39	20.33	20.54	20.50	20.38		
15	16QAM	75	0	20.56	20.72	20.62	20.55		
15	64QAM	1	0	20.33	20.48	20.35	20.40	22	2
15	64QAM	1	37	20.22	20.50	20.26	20.31		
15	64QAM	1	74	20.30	20.68	20.23	20.28		
15	64QAM	36	0	19.45	19.58	19.62	19.67	21	3
15	64QAM	36	20	19.28	19.47	19.36	19.43		
15	64QAM	36	39	19.39	19.55	19.39	19.36		
15	64QAM	75	0	19.55	19.59	19.72	19.54		
15	256QAM	1	0	17.42	17.59	17.35	17.38	19	5
15	256QAM	1	37	17.40	17.54	17.34	17.40		
15	256QAM	1	74	17.24	17.36	17.23	17.33		
15	256QAM	36	0	17.48	17.64	17.58	17.51	19	5
15	256QAM	36	20	17.52	17.40	17.40	17.30		
15	256QAM	36	39	17.48	17.67	17.41	17.51		
15	256QAM	75	0	17.52	17.49	17.45	17.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.56	22.74	22.35	22.37	24	0
10	QPSK	1	25	22.44	22.63	22.57	22.52		
10	QPSK	1	49	22.42	22.52	22.45	22.41		
10	QPSK	25	0	21.73	21.83	21.75	21.72	23	1
10	QPSK	25	12	21.59	21.66	21.56	21.61		
10	QPSK	25	25	21.64	21.60	21.64	21.70		
10	QPSK	50	0	21.40	21.45	21.26	21.43		
10	16QAM	1	0	21.34	21.38	21.38	21.38	23	1
10	16QAM	1	25	21.17	21.16	21.17	21.27		
10	16QAM	1	49	21.22	21.43	21.42	21.32		
10	16QAM	25	0	20.50	20.59	20.55	20.46	22	2
10	16QAM	25	12	20.39	20.40	20.38	20.41		
10	16QAM	25	25	20.28	20.52	20.54	20.38		
10	16QAM	50	0	20.54	20.78	20.67	20.57		
10	64QAM	1	0	20.32	20.57	20.33	20.39	22	2
10	64QAM	1	25	20.35	20.42	20.28	20.36		
10	64QAM	1	49	20.20	20.64	20.19	20.14		
10	64QAM	25	0	19.41	19.69	19.56	19.63	21	3
10	64QAM	25	12	19.33	19.52	19.43	19.52		
10	64QAM	25	25	19.37	19.47	19.45	19.39		
10	64QAM	50	0	19.56	19.60	19.66	19.67		
10	256QAM	1	0	17.34	17.56	17.22	17.39	19	5
10	256QAM	1	25	17.37	17.47	17.31	17.46		
10	256QAM	1	49	17.27	17.33	17.36	17.27		
10	256QAM	25	0	17.54	17.55	17.60	17.50	19	5
10	256QAM	25	12	17.50	17.39	17.42	17.35		
10	256QAM	25	25	17.55	17.65	17.46	17.52		
10	256QAM	50	0	17.54	17.56	17.47	17.53		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.58	22.68	22.44	22.43	24	0
5	QPSK	1	12	22.58	22.64	22.51	22.47		
5	QPSK	1	24	22.42	22.53	22.59	22.42		
5	QPSK	12	0	21.64	21.79	21.66	21.67	23	1
5	QPSK	12	7	21.65	21.69	21.54	21.55		
5	QPSK	12	13	21.68	21.60	21.68	21.63		
5	QPSK	25	0	21.42	21.52	21.34	21.37		
5	16QAM	1	0	21.26	21.48	21.23	21.36	23	1
5	16QAM	1	12	21.22	21.17	21.26	21.40		
5	16QAM	1	24	21.26	21.48	21.32	21.28		
5	16QAM	12	0	20.46	20.54	20.51	20.48	22	2
5	16QAM	12	7	20.42	20.45	20.40	20.51		
5	16QAM	12	13	20.33	20.62	20.41	20.42		
5	16QAM	25	0	20.60	20.75	20.68	20.69		
5	64QAM	1	0	20.26	20.59	20.36	20.47	22	2
5	64QAM	1	12	20.26	20.51	20.31	20.25		
5	64QAM	1	24	20.28	20.62	20.18	20.36		
5	64QAM	12	0	19.31	19.65	19.57	19.68	21	3
5	64QAM	12	7	19.25	19.53	19.38	19.42		
5	64QAM	12	13	19.48	19.57	19.34	19.39		
5	64QAM	25	0	19.53	19.62	19.77	19.62		
5	256QAM	1	0	17.40	17.65	17.23	17.37	19	5
5	256QAM	1	12	17.44	17.42	17.32	17.42		
5	256QAM	1	24	17.29	17.40	17.27	17.28		
5	256QAM	12	0	17.41	17.56	17.56	17.50	19	5
5	256QAM	12	7	17.60	17.52	17.45	17.41		
5	256QAM	12	13	17.47	17.63	17.37	17.46		
5	256QAM	25	0	17.67	17.55	17.56	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.29	19.33	19.24	20.5	0
20	QPSK	1	49	19.19	19.23	19.12		
20	QPSK	1	99	19.11	19.25	19.05		
20	QPSK	50	0	19.21	19.24	19.19	20.5	0
20	QPSK	50	24	18.98	19.00	19.05		
20	QPSK	50	50	19.07	19.12	18.94		
20	QPSK	100	0	19.04	19.16	18.96		
20	16QAM	1	0	18.98	19.11	19.12	20.5	0
20	16QAM	1	49	19.01	19.03	18.99		
20	16QAM	1	99	18.96	18.99	19.03		
20	16QAM	50	0	19.10	18.96	19.02	20.5	0
20	16QAM	50	24	19.15	19.06	19.15		
20	16QAM	50	50	19.17	19.06	19.04		
20	16QAM	100	0	19.04	19.12	19.15		
20	64QAM	1	0	19.06	19.03	19.10	20.5	0
20	64QAM	1	49	18.98	18.99	19.14		
20	64QAM	1	99	19.07	19.20	19.16		
20	64QAM	50	0	19.05	19.18	19.09	20.5	0
20	64QAM	50	24	18.98	19.14	19.06		
20	64QAM	50	50	18.95	19.17	19.19		
20	64QAM	100	0	19.17	19.16	19.16		
20	256QAM	1	0	18.62	18.62	18.53	20	0.5
20	256QAM	1	49	18.52	18.81	18.61		
20	256QAM	1	99	18.60	18.59	18.60		
20	256QAM	50	0	18.63	18.69	18.62	20	0.5
20	256QAM	50	24	18.53	18.71	18.63		
20	256QAM	50	50	18.54	18.57	18.70		
20	256QAM	100	0	18.51	18.55	18.55		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.96	19.13	19.18	20.5	0
15	QPSK	1	37	19.02	19.17	19.08		
15	QPSK	1	74	18.95	19.08	19.03		
15	QPSK	36	0	18.88	19.10	18.87	20.5	0
15	QPSK	36	20	18.84	18.87	18.97		
15	QPSK	36	39	18.88	18.92	18.73		
15	QPSK	75	0	18.74	18.82	18.79		
15	16QAM	1	0	18.93	19.00	18.96	20.5	0
15	16QAM	1	37	18.86	18.86	18.96		
15	16QAM	1	74	18.91	18.93	18.82		
15	16QAM	36	0	18.99	18.82	18.82	20.5	0
15	16QAM	36	20	18.99	18.92	18.95		
15	16QAM	36	39	19.02	18.85	18.84		
15	16QAM	75	0	18.87	19.07	18.96		
15	64QAM	1	0	18.93	18.84	19.01	20.5	0
15	64QAM	1	37	18.77	18.93	19.01		
15	64QAM	1	74	18.85	19.17	19.09		
15	64QAM	36	0	18.96	19.08	18.90	20.5	0
15	64QAM	36	20	18.91	19.02	18.93		
15	64QAM	36	39	18.78	18.95	19.12		
15	64QAM	75	0	19.00	19.02	19.08		
15	256QAM	1	0	18.58	18.66	18.68	20	0.5
15	256QAM	1	37	18.53	18.65	18.64		
15	256QAM	1	74	18.54	18.66	18.50		
15	256QAM	36	0	18.56	18.60	18.50	20	0.5
15	256QAM	36	20	18.56	18.67	18.50		
15	256QAM	36	39	18.52	18.55	18.57		
15	256QAM	75	0	18.59	18.68	18.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.08	19.17	19.06	20.5	0
10	QPSK	1	25	19.05	19.04	18.91		
10	QPSK	1	49	19.03	19.14	19.01		
10	QPSK	25	0	19.01	19.12	19.06	20.5	0
10	QPSK	25	12	18.96	18.89	18.95		
10	QPSK	25	25	19.01	19.04	18.81		
10	QPSK	50	0	18.79	18.87	18.78		
10	16QAM	1	0	18.82	19.02	18.95	20.5	0
10	16QAM	1	25	18.85	18.87	18.90		
10	16QAM	1	49	18.94	18.92	18.91		
10	16QAM	25	0	18.88	18.81	18.96	20.5	0
10	16QAM	25	12	19.09	19.04	19.05		
10	16QAM	25	25	19.11	18.84	18.94		
10	16QAM	50	0	18.95	18.95	18.93		
10	64QAM	1	0	18.90	18.99	18.92	20.5	0
10	64QAM	1	25	18.81	18.80	19.09		
10	64QAM	1	49	18.87	19.11	19.05		
10	64QAM	25	0	19.02	19.13	19.00	20.5	0
10	64QAM	25	12	18.95	18.98	18.96		
10	64QAM	25	25	18.86	19.05	19.12		
10	64QAM	50	0	19.02	19.00	18.97		
10	256QAM	1	0	18.53	18.54	18.58	20	0.5
10	256QAM	1	25	18.51	18.70	18.56		
10	256QAM	1	49	18.53	18.57	18.58		
10	256QAM	25	0	18.59	18.66	18.64	20	0.5
10	256QAM	25	12	18.57	18.58	18.62		
10	256QAM	25	25	18.53	18.53	18.58		
10	256QAM	50	0	18.56	18.67	18.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.04	19.13	19.22	20.5	0
5	QPSK	1	12	19.12	19.16	18.93		
5	QPSK	1	24	18.91	19.13	18.97		
5	QPSK	12	0	18.91	19.17	18.93	20.5	0
5	QPSK	12	7	18.80	18.96	18.89		
5	QPSK	12	13	19.03	18.98	18.80		
5	QPSK	25	0	18.74	18.95	18.65		
5	16QAM	1	0	18.86	18.90	18.97	20.5	0
5	16QAM	1	12	18.83	18.99	18.90		
5	16QAM	1	24	18.81	18.83	18.89		
5	16QAM	12	0	18.98	18.92	18.96	20.5	0
5	16QAM	12	7	19.00	18.93	19.10		
5	16QAM	12	13	18.96	18.94	19.00		
5	16QAM	25	0	19.01	19.08	18.95		
5	64QAM	1	0	18.88	18.85	19.02	20.5	0
5	64QAM	1	12	18.82	18.90	19.01		
5	64QAM	1	24	19.02	19.14	18.95		
5	64QAM	12	0	18.99	18.97	19.02	20.5	0
5	64QAM	12	7	18.80	18.95	18.91		
5	64QAM	12	13	18.77	18.96	19.03		
5	64QAM	25	0	19.11	18.99	18.98		
5	256QAM	1	0	18.54	18.67	18.66	20	0.5
5	256QAM	1	12	18.56	18.61	18.54		
5	256QAM	1	24	18.60	18.60	18.54		
5	256QAM	12	0	18.55	18.62	18.61	20	0.5
5	256QAM	12	7	18.50	18.53	18.56		
5	256QAM	12	13	18.55	18.63	18.61		
5	256QAM	25	0	18.55	18.61	18.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.24	19.35	19.26	19.22	20.5	0
20	QPSK	1	49	19.26	19.29	19.22	19.23		
20	QPSK	1	99	19.22	19.31	19.20	19.25		
20	QPSK	50	0	19.03	19.24	19.10	19.18	20.5	0
20	QPSK	50	24	19.08	19.09	19.10	19.03		
20	QPSK	50	50	19.06	19.17	19.10	18.98		
20	QPSK	100	0	18.99	19.12	18.85	18.92		
20	16QAM	1	0	18.96	19.10	19.16	19.17	20.5	0
20	16QAM	1	49	19.05	19.00	19.19	19.05		
20	16QAM	1	99	18.96	19.01	19.08	19.12		
20	16QAM	50	0	19.09	19.13	19.07	19.11	20.5	0
20	16QAM	50	24	19.11	19.09	19.21	19.19		
20	16QAM	50	50	19.14	19.18	19.13	19.16		
20	16QAM	100	0	19.01	19.30	19.22	19.17		
20	64QAM	1	0	19.16	19.12	19.26	19.23	20.5	0
20	64QAM	1	49	19.11	19.05	19.13	19.24		
20	64QAM	1	99	19.08	19.19	19.16	19.12		
20	64QAM	50	0	19.19	19.29	19.16	19.08	20.5	0
20	64QAM	50	24	19.13	19.24	19.11	19.06		
20	64QAM	50	50	19.07	19.19	19.29	19.24		
20	64QAM	100	0	19.13	19.20	19.16	19.27		
20	256QAM	1	0	17.07	17.20	16.96	16.97	18.5	2
20	256QAM	1	49	17.00	17.14	17.04	17.07		
20	256QAM	1	99	16.95	16.99	16.95	16.89		
20	256QAM	50	0	17.18	17.18	17.16	17.13	18.5	2
20	256QAM	50	24	17.13	17.15	17.11	17.11		
20	256QAM	50	50	17.12	17.26	17.10	17.00		
20	256QAM	100	0	17.22	17.27	17.11	17.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.04	19.29	19.11	19.16	20.5	0
15	QPSK	1	37	19.20	19.26	19.16	19.17		
15	QPSK	1	74	19.14	19.13	19.13	19.07		
15	QPSK	36	0	19.03	19.15	18.97	19.07	20.5	0
15	QPSK	36	20	18.95	18.97	18.98	19.01		
15	QPSK	36	39	18.93	18.99	19.00	19.01		
15	QPSK	75	0	18.90	19.06	18.77	18.77		
15	16QAM	1	0	18.98	19.00	19.09	19.08	20.5	0
15	16QAM	1	37	18.98	18.94	18.98	19.03		
15	16QAM	1	74	18.96	18.97	19.02	19.01		
15	16QAM	36	0	19.03	19.04	19.06	19.03	20.5	0
15	16QAM	36	20	19.09	19.10	19.08	19.18		
15	16QAM	36	39	19.10	18.98	19.10	19.08		
15	16QAM	75	0	18.97	19.15	19.07	19.13		
15	64QAM	1	0	19.02	19.07	19.11	19.06	20.5	0
15	64QAM	1	37	19.03	18.96	19.14	19.03		
15	64QAM	1	74	18.98	19.15	19.01	19.14		
15	64QAM	36	0	19.14	19.16	19.05	19.02	20.5	0
15	64QAM	36	20	19.05	19.11	18.94	19.02		
15	64QAM	36	39	18.92	19.19	19.11	19.13		
15	64QAM	75	0	19.03	19.14	19.14	19.11		
15	256QAM	1	0	16.96	17.17	16.85	16.83	18.5	2
15	256QAM	1	37	16.97	16.99	16.96	17.01		
15	256QAM	1	74	16.80	16.91	16.89	16.72		
15	256QAM	36	0	17.07	17.09	17.04	17.05	18.5	2
15	256QAM	36	20	17.05	17.06	17.09	16.97		
15	256QAM	36	39	16.98	17.08	17.06	16.89		
15	256QAM	75	0	17.20	17.20	16.96	17.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552	3607.5	3642.5	3695		
10	QPSK	1	0	19.12	19.25	19.22	19.24	20.5	0
10	QPSK	1	25	19.09	19.21	19.09	19.13		
10	QPSK	1	49	19.04	19.10	19.05	19.06		
10	QPSK	25	0	19.06	19.09	19.07	19.04	20.5	0
10	QPSK	25	12	19.04	19.05	18.94	19.05		
10	QPSK	25	25	18.92	19.05	18.96	18.91		
10	QPSK	50	0	18.76	18.94	18.84	18.89		
10	16QAM	1	0	18.89	19.06	19.03	19.10	20.5	0
10	16QAM	1	25	19.03	18.92	19.03	19.05		
10	16QAM	1	49	18.93	18.87	18.89	18.88		
10	16QAM	25	0	19.05	18.94	18.94	18.95	20.5	0
10	16QAM	25	12	19.02	18.96	19.11	19.09		
10	16QAM	25	25	19.10	18.97	19.12	19.07		
10	16QAM	50	0	18.90	19.21	19.06	19.15		
10	64QAM	1	0	19.08	18.97	19.16	19.11	20.5	0
10	64QAM	1	25	19.06	19.00	19.14	19.06		
10	64QAM	1	49	19.03	19.23	19.04	19.02		
10	64QAM	25	0	19.11	19.04	18.99	19.05	20.5	0
10	64QAM	25	12	19.06	19.10	18.94	19.01		
10	64QAM	25	25	19.05	19.18	19.12	19.14		
10	64QAM	50	0	19.07	19.14	19.17	19.05		
10	256QAM	1	0	16.98	17.10	16.82	16.91	18.5	2
10	256QAM	1	25	16.88	16.99	16.88	16.94		
10	256QAM	1	49	16.77	16.95	16.78	16.80		
10	256QAM	25	0	17.10	17.13	16.98	17.10	18.5	2
10	256QAM	25	12	17.03	17.08	17.03	17.04		
10	256QAM	25	25	16.99	17.12	17.06	16.97		
10	256QAM	50	0	17.10	17.21	16.96	17.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.5	3607	3643	3697.5		
5	QPSK	1	0	19.18	19.33	19.12	19.24	20.5	0
5	QPSK	1	12	19.17	19.20	19.13	19.13		
5	QPSK	1	24	19.16	19.06	19.17	19.06		
5	QPSK	12	0	18.91	19.12	19.00	19.04	20.5	0
5	QPSK	12	7	18.98	18.98	19.02	19.05		
5	QPSK	12	13	18.93	18.96	19.03	18.91		
5	QPSK	25	0	18.77	19.06	18.80	18.89		
5	16QAM	1	0	18.94	18.94	18.86	19.10	20.5	0
5	16QAM	1	12	18.92	18.99	18.94	19.05		
5	16QAM	1	24	18.85	18.84	18.99	18.88		
5	16QAM	12	0	18.99	19.04	18.98	18.95	20.5	0
5	16QAM	12	7	19.11	19.07	19.06	19.09		
5	16QAM	12	13	19.03	19.08	19.02	19.07		
5	16QAM	25	0	19.03	19.15	19.03	19.15		
5	64QAM	1	0	19.07	19.01	18.96	19.11	20.5	0
5	64QAM	1	12	19.00	18.96	18.95	19.06		
5	64QAM	1	24	19.03	19.23	19.07	19.02		
5	64QAM	12	0	19.06	19.07	19.09	19.05	20.5	0
5	64QAM	12	7	19.03	19.12	19.02	19.01		
5	64QAM	12	13	19.06	19.21	18.94	19.14		
5	64QAM	25	0	18.98	19.03	19.01	19.05		
5	256QAM	1	0	16.89	17.02	16.79	16.91	18.5	2
5	256QAM	1	12	16.90	17.10	16.90	16.95		
5	256QAM	1	24	16.88	16.93	16.80	16.76		
5	256QAM	12	0	17.07	17.15	17.07	16.97	18.5	2
5	256QAM	12	7	16.97	17.11	16.94	17.03		
5	256QAM	12	13	16.98	17.15	17.00	16.86		
5	256QAM	25	0	17.15	17.19	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.62	23.67	23.57	25	0
20	QPSK	1	49	23.50	23.58	23.47		
20	QPSK	1	99	23.53	23.46	23.46		
20	QPSK	50	0	22.75	22.87	22.75	24	1
20	QPSK	50	24	22.60	22.63	22.57		
20	QPSK	50	50	22.60	22.69	22.62		
20	QPSK	100	0	22.39	22.51	22.39		
20	16QAM	1	0	22.31	22.49	22.39	24	1
20	16QAM	1	49	22.24	22.20	22.30		
20	16QAM	1	99	22.25	22.44	22.36		
20	16QAM	50	0	21.49	21.53	21.46	23	2
20	16QAM	50	24	21.32	21.39	21.38		
20	16QAM	50	50	21.39	21.55	21.52		
20	16QAM	100	0	21.57	21.83	21.69		
20	64QAM	1	0	21.33	21.49	21.37	23	2
20	64QAM	1	49	21.26	21.53	21.32		
20	64QAM	1	99	21.23	21.59	21.13		
20	64QAM	50	0	20.35	20.62	20.67	22	3
20	64QAM	50	24	20.37	20.56	20.37		
20	64QAM	50	50	20.44	20.53	20.42		
20	64QAM	100	0	20.46	20.71	20.60		
20	256QAM	1	0	18.39	18.55	18.37	20	5
20	256QAM	1	49	18.39	18.45	18.40		
20	256QAM	1	99	18.34	18.35	18.30		
20	256QAM	50	0	18.54	18.52	18.50	20	5
20	256QAM	50	24	18.48	18.46	18.44		
20	256QAM	50	50	18.51	18.62	18.41		
20	256QAM	100	0	18.55	18.56	18.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.46	23.65	23.46	25	0
15	QPSK	1	37	23.46	23.54	23.39		
15	QPSK	1	74	23.42	23.41	23.31		
15	QPSK	36	0	22.63	22.72	22.65	24	1
15	QPSK	36	20	22.55	22.56	22.53		
15	QPSK	36	39	22.44	22.66	22.58		
15	QPSK	75	0	22.26	22.47	22.24		
15	16QAM	1	0	22.28	22.37	22.26	24	1
15	16QAM	1	37	22.11	22.10	22.28		
15	16QAM	1	74	22.15	22.28	22.22		
15	16QAM	36	0	21.35	21.40	21.37	23	2
15	16QAM	36	20	21.14	21.25	21.25		
15	16QAM	36	39	21.23	21.39	21.40		
15	16QAM	75	0	21.52	21.67	21.67		
15	64QAM	1	0	21.24	21.42	21.23	23	2
15	64QAM	1	37	21.23	21.48	21.16		
15	64QAM	1	74	21.15	21.56	21.18		
15	64QAM	36	0	20.29	20.51	20.58	22	3
15	64QAM	36	20	20.27	20.49	20.30		
15	64QAM	36	39	20.39	20.45	20.33		
15	64QAM	75	0	20.32	20.56	20.43		
15	256QAM	1	0	18.27	18.47	18.27	20	5
15	256QAM	1	37	18.33	18.29	18.28		
15	256QAM	1	74	18.28	18.22	18.27		
15	256QAM	36	0	18.38	18.36	18.46	20	5
15	256QAM	36	20	18.43	18.28	18.30		
15	256QAM	36	39	18.46	18.57	18.32		
15	256QAM	75	0	18.52	18.53	18.35		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.53	23.54	23.44	25	0
10	QPSK	1	25	23.44	23.56	23.42		
10	QPSK	1	49	23.51	23.32	23.36		
10	QPSK	25	0	22.64	22.72	22.65	24	1
10	QPSK	25	12	22.45	22.50	22.44		
10	QPSK	25	25	22.54	22.53	22.59		
10	QPSK	50	0	22.25	22.47	22.25		
10	16QAM	1	0	22.28	22.36	22.26	24	1
10	16QAM	1	25	22.13	22.17	22.25		
10	16QAM	1	49	22.10	22.36	22.21		
10	16QAM	25	0	21.47	21.43	21.29	23	2
10	16QAM	25	12	21.20	21.28	21.30		
10	16QAM	25	25	21.28	21.40	21.41		
10	16QAM	50	0	21.46	21.69	21.58		
10	64QAM	1	0	21.18	21.32	21.34	23	2
10	64QAM	1	25	21.24	21.50	21.14		
10	64QAM	1	49	21.20	21.57	21.07		
10	64QAM	25	0	20.32	20.52	20.57	22	3
10	64QAM	25	12	20.32	20.39	20.22		
10	64QAM	25	25	20.30	20.36	20.39		
10	64QAM	50	0	20.29	20.57	20.49		
10	256QAM	1	0	18.28	18.44	18.20	20	5
10	256QAM	1	25	18.33	18.41	18.34		
10	256QAM	1	49	18.25	18.21	18.24		
10	256QAM	25	0	18.49	18.47	18.35	20	5
10	256QAM	25	12	18.33	18.33	18.38		
10	256QAM	25	25	18.34	18.59	18.31		
10	256QAM	50	0	18.49	18.38	18.43		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.58	23.62	23.54	25	0
5	QPSK	1	12	23.35	23.46	23.37		
5	QPSK	1	24	23.45	23.41	23.43		
5	QPSK	12	0	22.63	22.76	22.68	24	1
5	QPSK	12	7	22.53	22.60	22.43		
5	QPSK	12	13	22.48	22.52	22.56		
5	QPSK	25	0	22.26	22.45	22.25		
5	16QAM	1	0	22.17	22.39	22.37	24	1
5	16QAM	1	12	22.17	22.12	22.22		
5	16QAM	1	24	22.10	22.34	22.29		
5	16QAM	12	0	21.35	21.42	21.38	23	2
5	16QAM	12	7	21.18	21.33	21.29		
5	16QAM	12	13	21.35	21.52	21.37		
5	16QAM	25	0	21.41	21.81	21.52		
5	64QAM	1	0	21.20	21.43	21.29	23	2
5	64QAM	1	12	21.23	21.43	21.18		
5	64QAM	1	24	21.06	21.47	21.06		
5	64QAM	12	0	20.28	20.53	20.58	22	3
5	64QAM	12	7	20.29	20.41	20.29		
5	64QAM	12	13	20.26	20.36	20.34		
5	64QAM	25	0	20.40	20.54	20.47		
5	256QAM	1	0	18.30	18.50	18.31	20	5
5	256QAM	1	12	18.24	18.35	18.32		
5	256QAM	1	24	18.31	18.20	18.19		
5	256QAM	12	0	18.50	18.42	18.46	20	5
5	256QAM	12	7	18.41	18.35	18.30		
5	256QAM	12	13	18.45	18.49	18.27		
5	256QAM	25	0	18.47	18.43	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.18	22.28	22.16	22.12	23.5	0
20	QPSK	1	49	22.09	22.15	22.13	22.09		
20	QPSK	1	99	22.06	22.01	22.04	22.06		
20	QPSK	50	0	21.30	21.49	21.34	21.28	22.5	1
20	QPSK	50	24	21.21	21.31	21.22	21.16		
20	QPSK	50	50	21.12	21.35	21.28	21.27		
20	QPSK	100	0	21.04	21.12	20.97	20.92		
20	16QAM	1	0	20.95	21.06	21.00	20.90	22.5	1
20	16QAM	1	49	20.87	20.88	20.88	20.86		
20	16QAM	1	99	20.83	21.00	20.97	20.92		
20	16QAM	50	0	20.08	20.10	20.08	20.06	21.5	2
20	16QAM	50	24	19.99	20.00	20.03	20.05		
20	16QAM	50	50	19.98	20.09	20.12	20.02		
20	16QAM	100	0	20.15	20.37	20.24	20.26		
20	64QAM	1	0	19.95	20.13	20.00	19.97	21.5	2
20	64QAM	1	49	19.87	20.05	19.88	19.89		
20	64QAM	1	99	19.87	20.14	19.75	19.72		
20	64QAM	50	0	18.97	19.21	19.19	19.26	20.5	3
20	64QAM	50	24	18.91	19.17	19.05	19.02		
20	64QAM	50	50	19.07	19.12	19.10	19.10		
20	64QAM	100	0	19.08	19.29	19.18	19.24		
20	256QAM	1	0	16.99	17.14	16.94	16.88	18.5	5
20	256QAM	1	49	16.93	17.07	16.96	17.00		
20	256QAM	1	99	16.95	16.90	16.91	16.92		
20	256QAM	50	0	17.05	17.08	17.06	17.03	18.5	5
20	256QAM	50	24	17.13	17.06	16.96	17.03		
20	256QAM	50	50	17.09	17.21	16.97	16.95		
20	256QAM	100	0	17.14	17.20	17.05	17.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.06	22.15	22.04	22.09	23.5	0
15	QPSK	1	37	22.03	22.01	22.09	22.05		
15	QPSK	1	74	22.03	21.88	21.98	21.98		
15	QPSK	36	0	21.22	21.41	21.24	21.17	22.5	1
15	QPSK	36	20	21.12	21.26	21.14	21.08		
15	QPSK	36	39	20.96	21.31	21.11	21.24		
15	QPSK	75	0	20.92	20.99	20.87	20.77	22.5	1
15	16QAM	1	0	20.93	20.90	20.86	20.83		
15	16QAM	1	37	20.82	20.73	20.71	20.69		
15	16QAM	1	74	20.70	20.87	20.93	20.80		
15	16QAM	36	0	20.04	19.95	20.05	20.01	21.5	2
15	16QAM	36	20	19.82	19.91	19.85	19.97		
15	16QAM	36	39	19.87	20.00	20.03	19.94		
15	16QAM	75	0	20.09	20.19	20.09	20.09		
15	64QAM	1	0	19.90	19.98	19.92	19.89	21.5	2
15	64QAM	1	37	19.75	20.02	19.84	19.78		
15	64QAM	1	74	19.73	20.00	19.58	19.54		
15	64QAM	36	0	18.87	19.11	19.04	19.08	20.5	3
15	64QAM	36	20	18.80	19.12	18.88	18.87		
15	64QAM	36	39	18.91	18.96	18.97	18.94		
15	64QAM	75	0	19.06	19.23	19.11	19.16		
15	256QAM	1	0	16.94	17.07	16.91	16.76	18.5	5
15	256QAM	1	37	16.85	17.03	16.89	16.93		
15	256QAM	1	74	16.83	16.88	16.88	16.74		
15	256QAM	36	0	16.91	16.95	16.90	16.94	18.5	5
15	256QAM	36	20	16.97	17.01	16.78	17.00		
15	256QAM	36	39	16.95	17.05	16.83	16.85		
15	256QAM	75	0	16.96	17.05	16.91	16.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	22.18	22.04	22.04	23.5	0
10	QPSK	1	25	22.01	22.09	21.97	21.92		
10	QPSK	1	49	21.99	21.97	21.97	22.03		
10	QPSK	25	0	21.21	21.42	21.24	21.22	22.5	1
10	QPSK	25	12	21.14	21.27	21.13	21.12		
10	QPSK	25	25	20.99	21.19	21.14	21.25		
10	QPSK	50	0	21.02	20.99	20.79	20.78	22.5	1
10	16QAM	1	0	20.85	21.02	20.86	20.72		
10	16QAM	1	25	20.70	20.80	20.70	20.77		
10	16QAM	1	49	20.69	20.84	20.94	20.88		
10	16QAM	25	0	19.99	19.93	20.02	19.92	21.5	2
10	16QAM	25	12	19.86	19.88	19.86	19.90		
10	16QAM	25	25	19.96	19.93	19.97	19.92		
10	16QAM	50	0	20.05	20.28	20.12	20.21	21.5	2
10	64QAM	1	0	19.92	19.97	19.96	19.85		
10	64QAM	1	25	19.79	19.94	19.78	19.84		
10	64QAM	1	49	19.78	19.96	19.61	19.59		
10	64QAM	25	0	18.83	19.04	19.09	19.20	20.5	3
10	64QAM	25	12	18.78	19.09	18.91	19.00		
10	64QAM	25	25	18.95	19.08	19.01	19.04		
10	64QAM	50	0	18.97	19.27	19.04	19.20		
10	256QAM	1	0	16.86	17.12	16.92	16.72	18.5	5
10	256QAM	1	25	16.87	16.94	16.90	16.93		
10	256QAM	1	49	16.79	16.80	16.84	16.74		
10	256QAM	25	0	16.97	17.02	16.92	16.90	18.5	5
10	256QAM	25	12	17.06	17.01	16.88	16.95		
10	256QAM	25	25	17.02	17.17	16.89	16.78		
10	256QAM	50	0	16.99	17.13	17.00	16.98		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.10	22.17	22.14	22.07	23.5	0
5	QPSK	1	12	22.04	21.99	22.01	22.03		
5	QPSK	1	24	21.96	21.91	22.00	22.02		
5	QPSK	12	0	21.20	21.44	21.27	21.11	22.5	1
5	QPSK	12	7	21.14	21.27	21.08	21.02		
5	QPSK	12	13	20.98	21.18	21.25	21.22		
5	QPSK	25	0	20.96	21.10	20.95	20.89	22.5	1
5	16QAM	1	0	20.84	20.99	20.97	20.73		
5	16QAM	1	12	20.84	20.84	20.85	20.80		
5	16QAM	1	24	20.80	20.90	20.81	20.75		
5	16QAM	12	0	19.91	19.97	19.94	19.99	21.5	2
5	16QAM	12	7	19.88	19.85	19.92	20.01		
5	16QAM	12	13	19.85	19.97	20.02	19.94		
5	16QAM	25	0	20.12	20.29	20.10	20.22		
5	64QAM	1	0	19.84	20.03	19.89	19.90	21.5	2
5	64QAM	1	12	19.70	19.90	19.89	19.98		
5	64QAM	1	24	19.84	20.08	19.79	19.70		
5	64QAM	12	0	18.79	19.18	19.06	19.21	20.5	3
5	64QAM	12	7	18.87	19.14	18.93	18.85		
5	64QAM	12	13	18.95	19.03	19.06	18.99		
5	64QAM	25	0	18.94	19.24	19.14	19.11		
5	256QAM	1	0	16.91	17.02	16.88	16.71	18.5	5
5	256QAM	1	12	16.85	16.92	16.81	16.85		
5	256QAM	1	24	16.84	16.79	16.73	16.80		
5	256QAM	12	0	16.93	16.99	17.04	16.98	18.5	5
5	256QAM	12	7	17.07	16.90	16.80	16.90		
5	256QAM	12	13	17.03	17.18	16.82	16.86		
5	256QAM	25	0	17.05	17.16	16.95	16.96		

Reduced Power Mode for Main PA ECI 5

GSM850 EGS

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.75	32.85	34.00	23.79	23.75	23.85	25.00
GPRS 1 Tx slot	32.85	32.88	32.89	34.00	23.85	23.88	23.89	25.00
GPRS 2 Tx slots	29.95	30.02	30.01	31.00	23.95	24.02	24.01	25.00
GPRS 3 Tx slots	28.15	28.27	28.25	29.20	23.89	24.01	23.99	24.94
GPRS 4 Tx slots	26.63	26.84	26.83	28.00	23.63	23.84	23.83	25.00
EDGE 1 Tx slot	26.66	26.72	26.61	28.00	17.66	17.72	17.61	19.00
EDGE 2 Tx slots	23.67	23.78	23.71	25.00	17.67	17.78	17.71	19.00
EDGE 3 Tx slots	21.28	21.56	21.26	23.20	17.02	17.30	17.00	18.94
EDGE 4 Tx slots	20.35	20.55	20.27	22.00	17.35	17.55	17.27	19.00

WCDMA V EGS

Band								WCDMA V			Tune-up Limit (dBm)
TX Channel								4132	4182	4233	
Rx Channel								4357	4407	4458	
Frequency (MHz)								826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps							24.06	24.15	24.15	25.00
3GPP Rel 99	RMC 12.2Kbps							24.12	24.26	24.12	25.00
3GPP Rel 6	HSDPA Subtest-1							23.15	23.27	23.27	24.00
3GPP Rel 6	HSDPA Subtest-2							23.18	23.15	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3							22.65	22.70	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4							22.64	22.70	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-1							23.12	23.22	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2							23.09	23.10	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3							22.50	22.77	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4							22.46	22.63	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1							23.00	23.08	23.14	24.00
3GPP Rel 6	HSUPA Subtest-2							21.19	21.17	21.18	22.00
3GPP Rel 6	HSUPA Subtest-3							22.27	22.35	22.26	23.00
3GPP Rel 6	HSUPA Subtest-4							21.10	21.16	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5							23.00	23.22	23.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1							20.68	20.82	20.74	21.50

Band 5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.04	25.10	24.88		
10	QPSK	1	25	24.91	24.96	24.92	25.7	0
10	QPSK	1	49	24.89	24.89	24.90		
10	QPSK	25	0	24.18	24.24	24.19		
10	QPSK	25	12	23.99	24.16	24.03	24.7	1
10	QPSK	25	25	24.05	24.12	24.08		
10	QPSK	50	0	23.91	23.94	23.90		
10	16QAM	1	0	23.87	23.87	23.85		
10	16QAM	1	25	23.69	23.64	23.74	24.7	1
10	16QAM	1	49	23.75	23.92	23.73		
10	16QAM	25	0	22.86	22.89	22.99		
10	16QAM	25	12	22.82	22.81	22.90	23.7	2
10	16QAM	25	25	22.87	22.92	22.91		
10	16QAM	50	0	22.95	23.26	23.09		
10	64QAM	1	0	22.82	22.96	22.82		
10	64QAM	1	25	22.76	22.86	22.75	23.7	2
10	64QAM	1	49	22.67	22.99	22.68		
10	64QAM	25	0	21.82	22.12	22.05		
10	64QAM	25	12	21.83	22.04	21.89	22.7	3
10	64QAM	25	25	21.83	21.93	21.85		
10	64QAM	50	0	21.99	22.10	22.13		
10	256QAM	1	0	19.81	20.04	19.74		
10	256QAM	1	25	19.81	19.92	19.61	20.7	5
10	256QAM	1	49	19.79	19.74	19.71		
10	256QAM	25	0	20.02	19.92	19.93		
10	256QAM	25	12	19.93	19.99	19.81	20.7	5
10	256QAM	25	25	19.72	20.02	19.88		
10	256QAM	50	0	20.04	19.99	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.94	24.94	24.81		
5	QPSK	1	12	24.88	24.88	24.82	25.7	0
5	QPSK	1	24	24.78	24.85	24.77		
5	QPSK	12	0	24.01	24.17	24.05		
5	QPSK	12	7	23.89	24.05	23.90	24.7	1
5	QPSK	12	13	23.89	23.96	23.98		
5	QPSK	25	0	23.86	23.91	23.73		
5	16QAM	1	0	23.69	23.71	23.83		
5	16QAM	1	12	23.54	23.54	23.61	24.7	1
5	16QAM	1	24	23.68	23.81	23.57		
5	16QAM	12	0	22.82	22.79	22.86		
5	16QAM	12	7	22.67	22.75	22.79	23.7	2
5	16QAM	12	13	22.85	22.87	22.83		
5	16QAM	25	0	22.81	23.19	23.07		
5	64QAM	1	0	22.78	22.87	22.68		
5	64QAM	1	12	22.61	22.82	22.71	23.7	2
5	64QAM	1	24	22.64	22.95	22.60		
5	64QAM	12	0	21.76	22.00	21.93		
5	64QAM	12	7	21.76	21.93	21.79	22.7	3
5	64QAM	12	13	21.70	21.78	21.76		
5	64QAM	25	0	21.86	21.99	22.00		
5	256QAM	1	0	19.67	19.89	19.61		
5	256QAM	1	12	19.71	19.79	19.56	20.7	5
5	256QAM	1	24	19.62	19.58	19.69		
5	256QAM	12	0	19.93	19.88	19.83		
5	256QAM	12	7	19.90	19.90	19.70	20.7	5
5	256QAM	12	13	19.67	19.89	19.71		
5	256QAM	25	0	19.87	19.93	19.84		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.93	25.06	24.85		
3	QPSK	1	8	24.85	24.94	24.84	25.7	0
3	QPSK	1	14	24.73	24.73	24.81		
3	QPSK	8	0	24.07	24.07	24.09		
3	QPSK	8	4	23.92	23.98	23.94	24.7	1
3	QPSK	8	7	23.91	24.03	23.97		
3	QPSK	15	0	23.76	23.79	23.76		
3	16QAM	1	0	23.78	23.78	23.70		
3	16QAM	1	8	23.56	23.60	23.57	24.7	1
3	16QAM	1	14	23.66	23.76	23.62		
3	16QAM	8	0	22.80	22.73	22.91		
3	16QAM	8	4	22.64	22.71	22.84	23.7	2
3	16QAM	8	7	22.72	22.81	22.85		
3	16QAM	15	0	22.90	23.09	22.95		
3	64QAM	1	0	22.77	22.90	22.80		
3	64QAM	1	8	22.73	22.76	22.71	23.7	2
3	64QAM	1	14	22.63	22.86	22.54		
3	64QAM	8	0	21.75	22.03	22.02		
3	64QAM	8	4	21.76	21.87	21.82	22.7	3
3	64QAM	8	7	21.71	21.79	21.79		
3	64QAM	15	0	21.94	21.92	22.10		
3	256QAM	1	0	19.63	19.98	19.57		
3	256QAM	1	8	19.71	19.77	19.52	20.7	5
3	256QAM	1	14	19.64	19.66	19.66		
3	256QAM	8	0	19.98	19.87	19.88		
3	256QAM	8	4	19.88	19.89	19.71	20.7	5
3	256QAM	8	7	19.55	19.93	19.79		
3	256QAM	15	0	20.00	19.96	19.78		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.89	25.00	24.82		
1.4	QPSK	1	3	24.75	24.78	24.81		
1.4	QPSK	1	5	24.84	24.83	24.78	25.7	0
1.4	QPSK	3	0	24.98	24.98	24.75		
1.4	QPSK	3	1	24.88	24.78	24.78		
1.4	QPSK	3	3	24.76	24.85	24.79		
1.4	QPSK	6	0	24.15	24.19	24.05	24.7	1
1.4	16QAM	1	0	23.91	24.09	23.92		
1.4	16QAM	1	3	23.96	24.00	23.97		
1.4	16QAM	1	5	23.81	23.90	23.77	24.7	1
1.4	16QAM	3	0	23.73	23.80	23.74		
1.4	16QAM	3	1	23.54	23.46	23.58		
1.4	16QAM	3	3	23.62	23.76	23.60		
1.4	16QAM	6	0	22.75	22.77	22.84	23.7	2
1.4	64QAM	1	0	22.68	22.73	22.80		
1.4	64QAM	1	3	22.80	22.88	22.87		
1.4	64QAM	1	5	22.77	23.10	22.93	23.7	2
1.4	64QAM	3	0	22.74	22.92	22.70		
1.4	64QAM	3	1	22.65	22.79	22.70		
1.4	64QAM	3	3	22.58	22.86	22.59		
1.4	64QAM	6	0	21.76	22.03	21.88	22.7	3
1.4	256QAM	1	0	19.73	19.92	19.61		
1.4	256QAM	1	3	19.66	19.86	19.46		
1.4	256QAM	1	5	19.64	19.69	19.58	20.7	5
1.4	256QAM	3	0	19.86	19.90	19.82		
1.4	256QAM	3	1	19.80	19.96	19.68		
1.4	256QAM	3	3	19.57	19.86	19.84		
1.4	256QAM	6	0	19.95	19.82	19.90	20.7	5

Band 12 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.58	24.61	24.46		
10	QPSK	1	25	24.54	24.55	24.56	25.5	0
10	QPSK	1	49	24.52	24.49	24.45		
10	QPSK	25	0	23.66	23.66	23.67		
10	QPSK	25	12	23.57	23.62	23.64	24.5	1
10	QPSK	25	25	23.62	23.66	23.59		
10	QPSK	50	0	23.44	23.45	23.39		
10	16QAM	1	0	23.34	23.45	23.31		
10	16QAM	1	25	23.23	23.20	23.30	24.5	1
10	16QAM	1	49	23.25	23.37	23.28		
10	16QAM	25	0	22.44	22.49	22.44		
10	16QAM	25	12	22.35	22.40	22.41	23.5	2
10	16QAM	25	25	22.35	22.54	22.45		
10	16QAM	50	0	22.56	22.77	22.69		
10	64QAM	1	0	22.29	22.50	22.33		
10	64QAM	1	25	22.32	22.50	22.37	23.5	2
10	64QAM	1	49	22.17	22.60	22.24		
10	64QAM	25	0	21.41	21.62	21.68		
10	64QAM	25	12	21.40	21.53	21.48	22.5	3
10	64QAM	25	25	21.47	21.56	21.49		
10	64QAM	50	0	21.47	21.68	21.57		
10	256QAM	1	0	19.47	19.53	19.33		
10	256QAM	1	25	19.40	19.48	19.13	20.5	5
10	256QAM	1	49	19.33	19.39	19.29		
10	256QAM	25	0	19.48	19.48	19.50		
10	256QAM	25	12	19.52	19.51	19.40	20.5	5
10	256QAM	25	25	19.22	19.57	19.32		
10	256QAM	50	0	19.50	19.63	19.52		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.54	24.59	24.35		
5	QPSK	1	12	24.51	24.53	24.48	25.5	0
5	QPSK	1	24	24.45	24.31	24.37		
5	QPSK	12	0	23.63	23.79	23.62		
5	QPSK	12	7	23.46	23.60	23.52	24.5	1
5	QPSK	12	13	23.49	23.62	23.41		
5	QPSK	25	0	23.39	23.35	23.23		
5	16QAM	1	0	23.27	23.42	23.22		
5	16QAM	1	12	23.13	23.05	23.18	24.5	1
5	16QAM	1	24	23.16	23.21	23.23		
5	16QAM	12	0	22.33	22.34	22.35		
5	16QAM	12	7	22.32	22.22	22.26	23.5	2
5	16QAM	12	13	22.19	22.38	22.31		
5	16QAM	25	0	22.42	22.71	22.62		
5	64QAM	1	0	22.12	22.41	22.30		
5	64QAM	1	12	22.25	22.44	22.33	23.5	2
5	64QAM	1	24	22.07	22.44	22.11		
5	64QAM	12	0	21.37	21.58	21.57		
5	64QAM	12	7	21.29	21.48	21.38	22.5	3
5	64QAM	12	13	21.43	21.50	21.45		
5	64QAM	25	0	21.44	21.65	21.46		
5	256QAM	1	0	19.40	19.37	19.24		
5	256QAM	1	12	19.24	19.44	19.01	20.5	5
5	256QAM	1	24	19.24	19.30	19.12		
5	256QAM	12	0	19.36	19.34	19.47		
5	256QAM	12	7	19.47	19.44	19.34	20.5	5
5	256QAM	12	13	19.18	19.41	19.16		
5	256QAM	25	0	19.36	19.55	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.54	24.50	24.36		
3	QPSK	1	8	24.49	24.48	24.44	25.5	0
3	QPSK	1	14	24.49	24.31	24.41		
3	QPSK	8	0	23.48	23.71	23.51		
3	QPSK	8	4	23.42	23.48	23.54	24.5	1
3	QPSK	8	7	23.55	23.62	23.52		
3	QPSK	15	0	23.31	23.37	23.30		
3	16QAM	1	0	23.29	23.38	23.16		
3	16QAM	1	8	23.14	23.13	23.13	24.5	1
3	16QAM	1	14	23.23	23.24	23.22		
3	16QAM	8	0	22.39	22.36	22.34		
3	16QAM	8	4	22.31	22.36	22.27	23.5	2
3	16QAM	8	7	22.22	22.42	22.38		
3	16QAM	15	0	22.43	22.63	22.66		
3	64QAM	1	0	22.23	22.40	22.19		
3	64QAM	1	8	22.20	22.40	22.25	23.5	2
3	64QAM	1	14	22.14	22.50	22.19		
3	64QAM	8	0	21.31	21.53	21.61		
3	64QAM	8	4	21.25	21.47	21.32	22.5	3
3	64QAM	8	7	21.32	21.42	21.44		
3	64QAM	15	0	21.40	21.61	21.50		
3	256QAM	1	0	19.41	19.38	19.22		
3	256QAM	1	8	19.36	19.42	19.10	20.5	5
3	256QAM	1	14	19.26	19.21	19.25		
3	256QAM	8	0	19.32	19.34	19.44		
3	256QAM	8	4	19.49	19.37	19.30	20.5	5
3	256QAM	8	7	19.09	19.50	19.26		
3	256QAM	15	0	19.45	19.59	19.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.51	24.46	24.30		
1.4	QPSK	1	3	24.51	24.52	24.40		
1.4	QPSK	1	5	24.43	24.36	24.32	25.5	0
1.4	QPSK	3	0	24.55	24.51	24.33		
1.4	QPSK	3	1	24.44	24.47	24.49		
1.4	QPSK	3	3	24.35	24.34	24.28		
1.4	QPSK	6	0	23.58	23.82	23.53	24.5	1
1.4	16QAM	1	0	23.50	23.55	23.50		
1.4	16QAM	1	3	23.57	23.56	23.53		
1.4	16QAM	1	5	23.34	23.33	23.31	24.5	1
1.4	16QAM	3	0	23.20	23.37	23.15		
1.4	16QAM	3	1	23.12	23.02	23.16		
1.4	16QAM	3	3	23.22	23.20	23.24		
1.4	16QAM	6	0	22.32	22.38	22.31	23.5	2
1.4	64QAM	1	0	22.26	22.24	22.24		
1.4	64QAM	1	3	22.30	22.40	22.39		
1.4	64QAM	1	5	22.41	22.70	22.61	23.5	2
1.4	64QAM	3	0	22.26	22.24	22.25		
1.4	64QAM	3	1	22.22	22.36	22.21		
1.4	64QAM	3	3	22.02	22.52	22.08		
1.4	64QAM	6	0	21.28	21.48	21.65	22.5	3
1.4	256QAM	1	0	19.38	19.49	19.20		
1.4	256QAM	1	3	19.30	19.32	19.07		
1.4	256QAM	1	5	19.22	19.37	19.17	20.5	5
1.4	256QAM	3	0	19.34	19.35	19.34		
1.4	256QAM	3	1	19.50	19.48	19.31		
1.4	256QAM	3	3	19.04	19.51	19.14		
1.4	256QAM	6	0	19.43	19.55	19.42	20.5	5

Band 13 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.72			
10	QPSK	1	25		24.62		25.5	0
10	QPSK	1	49		24.43			
10	QPSK	25	0		23.81			
10	QPSK	25	12		23.68		24.5	1
10	QPSK	25	25		23.75			
10	QPSK	50	0		23.51			
10	16QAM	1	0		23.42			
10	16QAM	1	25		23.25		24.5	1
10	16QAM	1	49		23.43			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.42		23.5	2
10	16QAM	25	25		22.55			
10	16QAM	50	0		22.82			
10	64QAM	1	0		22.45			
10	64QAM	1	25		22.54		23.5	2
10	64QAM	1	49		22.59			
10	64QAM	25	0		21.65			
10	64QAM	25	12		21.60		22.5	3
10	64QAM	25	25		21.57			
10	64QAM	50	0		21.70			
10	256QAM	1	0		19.55			
10	256QAM	1	25		19.43		20.5	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.53		20.5	5
10	256QAM	25	25		19.60			
10	256QAM	50	0		19.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.57	24.64	24.66		
5	QPSK	1	12	24.46	24.54	24.45	25.5	0
5	QPSK	1	24	24.39	24.34	24.27		
5	QPSK	12	0	23.75	23.65	23.67		
5	QPSK	12	7	23.64	23.56	23.62	24.5	1
5	QPSK	12	13	23.60	23.64	23.73		
5	QPSK	25	0	23.43	23.40	23.40		
5	16QAM	1	0	23.33	23.36	23.32		
5	16QAM	1	12	23.08	23.09	23.20	24.5	1
5	16QAM	1	24	23.30	23.27	23.37		
5	16QAM	12	0	22.31	22.39	22.40		
5	16QAM	12	7	22.27	22.38	22.36	23.5	2
5	16QAM	12	13	22.52	22.49	22.51		
5	16QAM	25	0	22.71	22.65	22.67		
5	64QAM	1	0	22.43	22.28	22.37		
5	64QAM	1	12	22.49	22.45	22.38	23.5	2
5	64QAM	1	24	22.49	22.49	22.44		
5	64QAM	12	0	21.48	21.57	21.56		
5	64QAM	12	7	21.49	21.57	21.53	22.5	3
5	64QAM	12	13	21.42	21.43	21.54		
5	64QAM	25	0	21.62	21.60	21.53		
5	256QAM	1	0	19.48	19.38	19.40		
5	256QAM	1	12	19.32	19.36	19.38	20.5	5
5	256QAM	1	24	19.30	19.22	19.30		
5	256QAM	12	0	19.40	19.40	19.38		
5	256QAM	12	7	19.37	19.47	19.41	20.5	5
5	256QAM	12	13	19.46	19.49	19.45		
5	256QAM	25	0	19.59	19.59	19.51		

Band 17 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.51	24.61	24.40	25.5	0
10	QPSK	1	25	24.46	24.53	24.44		
10	QPSK	1	49	24.41	24.47	24.48		
10	QPSK	25	0	23.61	23.75	23.61	24.5	1
10	QPSK	25	12	23.56	23.68	23.52		
10	QPSK	25	25	23.51	23.69	23.59		
10	QPSK	50	0	23.33	23.45	23.26		
10	16QAM	1	0	23.35	23.41	23.27	24.5	1
10	16QAM	1	25	23.28	23.24	23.21		
10	16QAM	1	49	23.23	23.37	23.34		
10	16QAM	25	0	22.40	22.42	22.43	23.5	2
10	16QAM	25	12	22.27	22.39	22.36		
10	16QAM	25	25	22.34	22.43	22.41		
10	16QAM	50	0	22.56	22.77	22.66		
10	64QAM	1	0	22.32	22.44	22.30	23.5	2
10	64QAM	1	25	22.28	22.48	22.26		
10	64QAM	1	49	22.19	22.50	22.10		
10	64QAM	25	0	21.29	21.58	21.53	22.5	3
10	64QAM	25	12	21.33	21.45	21.35		
10	64QAM	25	25	21.35	21.40	21.44		
10	64QAM	50	0	21.42	21.68	21.53		
10	256QAM	1	0	19.39	19.57	19.28	20.5	5
10	256QAM	1	25	19.31	19.40	19.12		
10	256QAM	1	49	19.23	19.35	19.29		
10	256QAM	25	0	19.41	19.51	19.41	20.5	5
10	256QAM	25	12	19.49	19.47	19.32		
10	256QAM	25	25	19.24	19.59	19.38		
10	256QAM	50	0	19.55	19.53	19.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.56	24.36	25.5	0
5	QPSK	1	12	24.29	24.40	24.29		
5	QPSK	1	24	24.32	24.32	24.33		
5	QPSK	12	0	23.48	23.57	23.59	24.5	1
5	QPSK	12	7	23.54	23.62	23.39		
5	QPSK	12	13	23.37	23.58	23.57		
5	QPSK	25	0	23.21	23.36	23.16		
5	16QAM	1	0	23.27	23.39	23.15	24.5	1
5	16QAM	1	12	23.18	23.19	23.04		
5	16QAM	1	24	23.13	23.25	23.27		
5	16QAM	12	0	22.26	22.34	22.37	23.5	2
5	16QAM	12	7	22.22	22.28	22.28		
5	16QAM	12	13	22.30	22.34	22.32		
5	16QAM	25	0	22.53	22.60	22.60		
5	64QAM	1	0	22.27	22.37	22.20	23.5	2
5	64QAM	1	12	22.10	22.40	22.23		
5	64QAM	1	24	22.11	22.38	22.03		
5	64QAM	12	0	21.24	21.54	21.50	22.5	3
5	64QAM	12	7	21.23	21.35	21.21		
5	64QAM	12	13	21.20	21.27	21.40		
5	64QAM	25	0	21.32	21.64	21.40		
5	256QAM	1	0	19.26	19.41	19.21	20.5	5
5	256QAM	1	12	19.14	19.24	19.08		
5	256QAM	1	24	19.20	19.22	19.25		
5	256QAM	12	0	19.29	19.40	19.31	20.5	5
5	256QAM	12	7	19.34	19.39	19.20		
5	256QAM	12	13	19.11	19.55	19.34		
5	256QAM	25	0	19.46	19.44	19.45		

Band 26 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.99	25.07	24.87	25.7	0
15	QPSK	1	37	24.84	24.95	24.94		
15	QPSK	1	74	24.94	24.84	24.82		
15	QPSK	36	0	24.06	24.28	24.16	24.7	1
15	QPSK	36	20	24.00	24.03	24.02		
15	QPSK	36	39	23.98	24.09	24.01		
15	QPSK	75	0	23.78	23.91	23.70		
15	16QAM	1	0	23.74	23.84	23.70	24.7	1
15	16QAM	1	37	23.64	23.63	23.69		
15	16QAM	1	74	23.69	23.79	23.77		
15	16QAM	36	0	22.89	22.82	22.90	23.7	2
15	16QAM	36	20	22.70	22.83	22.87		
15	16QAM	36	39	22.81	22.89	22.89		
15	16QAM	75	0	22.99	23.15	23.07		
15	64QAM	1	0	22.70	22.84	22.83	23.7	2
15	64QAM	1	37	22.64	22.90	22.73		
15	64QAM	1	74	22.61	23.00	22.56		
15	64QAM	36	0	21.82	22.07	21.97	22.7	3
15	64QAM	36	20	21.73	21.91	21.86		
15	64QAM	36	39	21.84	21.91	21.83		
15	64QAM	75	0	21.94	22.10	22.01		
15	256QAM	1	0	19.82	19.98	19.68	20.7	5
15	256QAM	1	37	19.69	19.81	19.59		
15	256QAM	1	74	19.70	19.75	19.71		
15	256QAM	36	0	19.91	19.86	19.94	20.7	5
15	256QAM	36	20	19.88	19.91	19.78		
15	256QAM	36	39	19.63	19.93	19.80		
15	256QAM	75	0	19.90	19.97	19.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.85	24.96	24.80	25.7	0
10	QPSK	1	25	24.67	24.81	24.84		
10	QPSK	1	49	24.81	24.67	24.66		
10	QPSK	25	0	23.97	24.23	24.01	24.7	1
10	QPSK	25	12	23.98	23.91	23.99		
10	QPSK	25	25	23.88	23.98	23.92		
10	QPSK	50	0	23.70	23.88	23.65		
10	16QAM	1	0	23.59	23.68	23.64	24.7	1
10	16QAM	1	25	23.52	23.61	23.61		
10	16QAM	1	49	23.60	23.71	23.67		
10	16QAM	25	0	22.80	22.79	22.85	23.7	2
10	16QAM	25	12	22.56	22.74	22.83		
10	16QAM	25	25	22.67	22.83	22.83		
10	16QAM	50	0	22.92	23.12	23.02		
10	64QAM	1	0	22.64	22.75	22.67	23.7	2
10	64QAM	1	25	22.60	22.82	22.59		
10	64QAM	1	49	22.57	22.84	22.38		
10	64QAM	25	0	21.71	22.04	21.89	22.7	3
10	64QAM	25	12	21.70	21.81	21.70		
10	64QAM	25	25	21.69	21.76	21.70		
10	64QAM	50	0	21.81	22.07	21.84		
10	256QAM	1	0	19.78	19.83	19.54	20.7	5
10	256QAM	1	25	19.66	19.71	19.42		
10	256QAM	1	49	19.67	19.69	19.67		
10	256QAM	25	0	19.85	19.69	19.87	20.7	5
10	256QAM	25	12	19.74	19.88	19.65		
10	256QAM	25	25	19.59	19.77	19.69		
10	256QAM	50	0	19.87	19.84	19.80		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	24.93	24.78	25.7	0
5	QPSK	1	12	24.76	24.86	24.82		
5	QPSK	1	24	24.76	24.80	24.77		
5	QPSK	12	0	23.89	24.15	24.04	24.7	1
5	QPSK	12	7	23.88	23.85	23.99		
5	QPSK	12	13	23.83	24.00	23.85		
5	QPSK	25	0	23.75	23.81	23.84		
5	16QAM	1	0	23.57	23.81	23.66	24.7	1
5	16QAM	1	12	23.53	23.49	23.65		
5	16QAM	1	24	23.66	23.67	23.72		
5	16QAM	12	0	22.73	22.75	22.77	23.7	2
5	16QAM	12	7	22.55	22.66	22.80		
5	16QAM	12	13	22.66	22.73	22.86		
5	16QAM	25	0	22.92	23.12	23.03		
5	64QAM	1	0	22.67	22.80	22.80	23.7	2
5	64QAM	1	12	22.64	22.82	22.68		
5	64QAM	1	24	22.79	22.92	22.73		
5	64QAM	12	0	21.75	21.98	21.93	22.7	3
5	64QAM	12	7	21.58	21.79	21.68		
5	64QAM	12	13	21.76	21.80	21.73		
5	64QAM	25	0	21.88	21.98	21.94		
5	256QAM	1	0	19.71	19.80	19.55	20.7	5
5	256QAM	1	12	19.65	19.66	19.53		
5	256QAM	1	24	19.56	19.70	19.59		
5	256QAM	12	0	19.81	19.79	19.78	20.7	5
5	256QAM	12	7	19.85	19.75	19.72		
5	256QAM	12	13	19.53	19.81	19.66		
5	256QAM	25	0	19.87	19.87	19.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.91	24.87	24.80	25.7	0
3	QPSK	1	8	24.76	24.82	24.82		
3	QPSK	1	14	24.83	24.65	24.62		
3	QPSK	8	0	23.85	24.14	23.99	24.7	1
3	QPSK	8	4	23.82	23.89	23.95		
3	QPSK	8	7	23.83	23.97	23.87		
3	QPSK	15	0	23.64	23.83	23.64		
3	16QAM	1	0	23.58	23.76	23.55	24.7	1
3	16QAM	1	8	23.51	23.51	23.57		
3	16QAM	1	14	23.62	23.72	23.67		
3	16QAM	8	0	22.68	22.63	22.76	23.7	2
3	16QAM	8	4	22.49	22.70	22.79		
3	16QAM	8	7	22.61	22.72	22.71		
3	16QAM	15	0	22.79	23.01	22.87		
3	64QAM	1	0	22.63	22.69	22.63	23.7	2
3	64QAM	1	8	22.43	22.73	22.67		
3	64QAM	1	14	22.48	22.88	22.49		
3	64QAM	8	0	21.70	21.97	21.87	22.7	3
3	64QAM	8	4	21.59	21.78	21.66		
3	64QAM	8	7	21.77	21.81	21.66		
3	64QAM	15	0	21.87	21.91	21.87		
3	256QAM	1	0	19.75	19.80	19.60	20.7	5
3	256QAM	1	8	19.52	19.71	19.44		
3	256QAM	1	14	19.54	19.58	19.59		
3	256QAM	8	0	19.71	19.78	19.88	20.7	5
3	256QAM	8	4	19.69	19.82	19.69		
3	256QAM	8	7	19.44	19.75	19.61		
3	256QAM	15	0	19.82	19.91	19.77		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.93	24.86	24.72	25.7	0
1.4	QPSK	1	3	24.76	24.79	24.84		
1.4	QPSK	1	5	24.86	24.76	24.76		
1.4	QPSK	3	0	24.84	24.87	24.67		
1.4	QPSK	3	1	24.65	24.82	24.76		
1.4	QPSK	3	3	24.82	24.69	24.68		
1.4	QPSK	6	0	23.88	24.09	24.10	24.7	1
1.4	16QAM	1	0	23.85	23.98	23.92	24.7	1
1.4	16QAM	1	3	23.91	23.89	23.95		
1.4	16QAM	1	5	23.59	23.81	23.64		
1.4	16QAM	3	0	23.55	23.77	23.57		
1.4	16QAM	3	1	23.48	23.48	23.52		
1.4	16QAM	3	3	23.54	23.66	23.70		
1.4	16QAM	6	0	22.74	22.68	22.71	23.7	2
1.4	64QAM	1	0	22.61	22.68	22.70	23.7	2
1.4	64QAM	1	3	22.62	22.79	22.78		
1.4	64QAM	1	5	22.83	23.09	23.00		
1.4	64QAM	3	0	22.58	22.66	22.71		
1.4	64QAM	3	1	22.53	22.76	22.62		
1.4	64QAM	3	3	22.51	22.87	22.39		
1.4	64QAM	6	0	21.61	21.89	21.83	22.7	3
1.4	256QAM	1	0	19.76	19.88	19.60	20.7	5
1.4	256QAM	1	3	19.54	19.64	19.50		
1.4	256QAM	1	5	19.60	19.65	19.66		
1.4	256QAM	3	0	19.73	19.69	19.84		
1.4	256QAM	3	1	19.74	19.72	19.60		
1.4	256QAM	3	3	19.49	19.81	19.68		
1.4	256QAM	6	0	19.84	19.86	19.67	20.7	5

Band 71 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	24.17	24.27	24.01	25	0
20	QPSK	1	49	24.11	24.16	24.13		
20	QPSK	1	99	24.04	24.13	24.14		
20	QPSK	50	0	23.33	23.47	23.29	24	1
20	QPSK	50	24	23.16	23.24	23.17		
20	QPSK	50	50	23.13	23.38	23.21		
20	QPSK	100	0	22.99	23.10	22.99		
20	16QAM	1	0	22.90	23.04	22.95	24	1
20	16QAM	1	49	22.87	22.85	22.91		
20	16QAM	1	99	22.90	23.00	22.89		
20	16QAM	50	0	22.04	22.08	22.06	23	2
20	16QAM	50	24	21.90	22.00	22.11		
20	16QAM	50	50	21.99	22.14	22.06		
20	16QAM	100	0	22.13	22.35	22.26		
20	64QAM	1	0	21.98	22.08	21.97	23	2
20	64QAM	1	49	21.87	22.13	21.91		
20	64QAM	1	99	21.85	22.19	21.85		
20	64QAM	50	0	20.97	21.18	21.28	22	3
20	64QAM	50	24	21.00	21.10	21.01		
20	64QAM	50	50	21.01	21.09	21.03		
20	64QAM	100	0	21.12	21.25	21.22		
20	256QAM	1	0	19.04	19.25	18.94	20	5
20	256QAM	1	49	18.91	19.09	18.91		
20	256QAM	1	99	18.93	18.90	18.86		
20	256QAM	50	0	19.12	19.16	19.09	20	5
20	256QAM	50	24	19.09	19.13	19.03		
20	256QAM	50	50	18.80	19.26	19.02		
20	256QAM	100	0	19.14	19.19	19.08		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.24	23.87	25	0
15	QPSK	1	37	23.95	24.10	23.99		
15	QPSK	1	74	24.01	24.05	24.02		
15	QPSK	36	0	23.19	23.31	23.27	24	1
15	QPSK	36	20	23.07	23.10	23.08		
15	QPSK	36	39	23.02	23.22	23.07		
15	QPSK	75	0	22.87	23.05	22.86		
15	16QAM	1	0	22.80	22.96	22.87	24	1
15	16QAM	1	37	22.80	22.79	22.79		
15	16QAM	1	74	22.87	22.89	22.72		
15	16QAM	36	0	21.93	22.05	22.00	23	2
15	16QAM	36	20	21.75	21.92	22.01		
15	16QAM	36	39	21.82	22.01	21.92		
15	16QAM	75	0	22.01	22.24	22.17		
15	64QAM	1	0	21.85	21.90	21.83	23	2
15	64QAM	1	37	21.83	21.99	21.83		
15	64QAM	1	74	21.73	22.16	21.69		
15	64QAM	36	0	20.80	21.06	21.23	22	3
15	64QAM	36	20	20.90	20.95	20.86		
15	64QAM	36	39	20.84	21.02	20.87		
15	64QAM	75	0	20.97	21.14	21.11		
15	256QAM	1	0	18.92	19.11	18.87	20	5
15	256QAM	1	37	18.73	19.03	18.73		
15	256QAM	1	74	18.89	18.82	18.73		
15	256QAM	36	0	19.10	19.05	19.06	20	5
15	256QAM	36	20	19.05	19.05	18.93		
15	256QAM	36	39	18.65	19.11	18.97		
15	256QAM	75	0	19.06	19.09	19.00		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.99	24.19	23.98	25	0
10	QPSK	1	25	23.95	24.06	24.07		
10	QPSK	1	49	23.89	24.09	23.98		
10	QPSK	25	0	23.19	23.43	23.14	24	1
10	QPSK	25	12	23.10	23.18	23.04		
10	QPSK	25	25	23.05	23.23	23.05		
10	QPSK	50	0	22.90	22.97	22.83		
10	16QAM	1	0	22.80	22.96	22.88	24	1
10	16QAM	1	25	22.76	22.69	22.75		
10	16QAM	1	49	22.77	22.92	22.75		
10	16QAM	25	0	21.88	21.98	21.90	23	2
10	16QAM	25	12	21.81	21.97	22.02		
10	16QAM	25	25	21.85	22.05	21.94		
10	16QAM	50	0	21.99	22.28	22.09		
10	64QAM	1	0	21.91	22.01	21.89	23	2
10	64QAM	1	25	21.83	22.06	21.85		
10	64QAM	1	49	21.80	22.11	21.71		
10	64QAM	25	0	20.90	21.15	21.21	22	3
10	64QAM	25	12	20.93	20.96	20.94		
10	64QAM	25	25	20.94	21.03	20.95		
10	64QAM	50	0	21.02	21.19	21.05		
10	256QAM	1	0	18.95	19.13	18.89	20	5
10	256QAM	1	25	18.73	18.99	18.87		
10	256QAM	1	49	18.76	18.87	18.71		
10	256QAM	25	0	18.96	19.06	18.96	20	5
10	256QAM	25	12	18.95	18.97	18.88		
10	256QAM	25	25	18.82	19.00	18.90		
10	256QAM	50	0	19.10	19.16	18.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	24.11	24.09	23.96	25	0
5	QPSK	1	12	24.04	24.03	24.07		
5	QPSK	1	24	23.94	24.08	24.12		
5	QPSK	12	0	23.21	23.32	23.17	24	1
5	QPSK	12	7	23.11	23.08	23.09		
5	QPSK	12	13	22.97	23.24	23.12		
5	QPSK	25	0	22.88	22.95	22.86		
5	16QAM	1	0	22.76	22.98	22.91	24	1
5	16QAM	1	12	22.83	22.70	22.85		
5	16QAM	1	24	22.84	22.92	22.75		
5	16QAM	12	0	21.87	21.91	21.96	23	2
5	16QAM	12	7	21.75	21.91	22.00		
5	16QAM	12	13	21.95	22.00	22.02		
5	16QAM	25	0	21.96	22.28	22.15		
5	64QAM	1	0	21.84	22.06	21.88	23	2
5	64QAM	1	12	21.79	22.00	21.80		
5	64QAM	1	24	21.70	22.09	21.75		
5	64QAM	12	0	20.92	21.01	21.22	22	3
5	64QAM	12	7	20.92	21.05	20.98		
5	64QAM	12	13	20.91	20.91	20.96		
5	64QAM	25	0	20.99	21.11	21.17		
5	256QAM	1	0	18.91	19.13	18.89	20	5
5	256QAM	1	12	18.88	18.93	18.86		
5	256QAM	1	24	18.87	18.72	18.83		
5	256QAM	12	0	19.04	19.05	18.97	20	5
5	256QAM	12	7	19.02	18.99	18.96		
5	256QAM	12	13	18.70	19.19	18.98		
5	256QAM	25	0	19.05	19.07	18.96		

GSM850 EC/S

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	27.89	27.91	27.87	29.50	18.89	18.91	18.87	20.50
GPRS 1 Tx slot	27.90	27.93	27.89	29.50	18.90	18.93	18.89	20.50
GPRS 2 Tx slots	24.91	25.01	25.01	26.50	18.91	19.01	19.01	20.50
GPRS 3 Tx slots	23.23	23.23	23.36	24.70	18.97	18.97	19.10	20.44
GPRS 4 Tx slots	21.87	21.88	21.92	23.50	18.87	18.98	18.92	20.50
EDGE 1 Tx slot	26.95	27.08	26.93	28.50	17.95	18.08	17.93	19.50
EDGE 2 Tx slots	23.95	23.93	23.88	25.50	17.95	17.93	17.88	19.50
EDGE 3 Tx slots	21.86	21.88	21.91	23.70	17.60	17.62	17.65	19.44
EDGE 4 Tx slots	20.54	20.62	20.58	22.50	17.54	17.62	17.58	19.50

WCDMA V EC/S

Band									WCDMA V			
TX Channel									4132	4182	4233	Tune-up Limit (dBm)
Rx Channel									4357	4407	4458	
Frequency (MHz)									826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps								19.23	19.25	19.17	20.50
3GPP Rel 99	RMC 12.2Kbps								19.24	19.27	19.19	20.50
3GPP Rel 6	HSDPA Subtest-1								18.26	18.20	18.22	19.50
3GPP Rel 6	HSDPA Subtest-2								18.22	18.13	18.02	19.50
3GPP Rel 6	HSDPA Subtest-3								17.78	17.76	17.80	19.00
3GPP Rel 6	HSDPA Subtest-4								17.58	17.61	17.75	19.00
3GPP Rel 8	DC-HSDPA Subtest-1								18.16	18.21	18.16	19.50
3GPP Rel 8	DC-HSDPA Subtest-2								18.03	18.23	18.14	19.50
3GPP Rel 8	DC-HSDPA Subtest-3								17.56	17.64	17.53	19.00
3GPP Rel 8	DC-HSDPA Subtest-4								17.59	17.72	17.62	19.00
3GPP Rel 6	HSUPA Subtest-1								17.87	18.24	18.19	19.50
3GPP Rel 6	HSUPA Subtest-2								16.18	16.33	16.25	17.50
3GPP Rel 6	HSUPA Subtest-3								17.28	17.16	17.33	18.50
3GPP Rel 6	HSUPA Subtest-4								16.17	16.19	16.08	17.50
3GPP Rel 6	HSUPA Subtest-5								18.08	18.19	18.00	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1								15.73	15.98	15.73	17.00

Band 5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.09	20.25	20.19		
10	QPSK	1	25	20.21	20.14	20.12	20.7	0
10	QPSK	1	49	20.12	20.10	20.08		
10	QPSK	25	0	20.03	20.14	19.97		
10	QPSK	25	12	20.03	20.01	20.01	20.7	0
10	QPSK	25	25	20.03	19.95	19.85		
10	QPSK	50	0	19.90	20.00	19.85		
10	16QAM	1	0	19.94	20.00	20.10		
10	16QAM	1	25	19.95	19.98	19.91	20.7	0
10	16QAM	1	49	19.84	19.97	19.86		
10	16QAM	25	0	20.06	19.97	20.02		
10	16QAM	25	12	20.12	20.07	20.14	20.7	0
10	16QAM	25	25	20.11	20.05	20.13		
10	16QAM	50	0	19.94	20.05	20.13		
10	64QAM	1	0	20.02	19.99	20.07		
10	64QAM	1	25	19.91	20.07	20.08	20.7	0
10	64QAM	1	49	20.08	20.12	19.98		
10	64QAM	25	0	20.12	20.01	20.09		
10	64QAM	25	12	19.98	20.06	19.91	20.7	0
10	64QAM	25	25	19.88	20.12	20.14		
10	64QAM	50	0	20.07	20.09	20.16		
10	256QAM	1	0	19.98	20.10	19.99		
10	256QAM	1	25	19.93	20.20	19.96	20.7	0
10	256QAM	1	49	20.02	20.01	20.01		
10	256QAM	25	0	20.08	20.16	20.09		
10	256QAM	25	12	19.86	20.02	19.99	20.7	0
10	256QAM	25	25	19.94	20.06	20.13		
10	256QAM	50	0	19.97	20.02	20.11		
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	20.01	20.16	20.05		
5	QPSK	1	12	20.06	20.08	20.12	20.7	0
5	QPSK	1	24	19.94	19.99	19.91		
5	QPSK	12	0	19.90	20.10	19.98		
5	QPSK	12	7	19.92	19.90	19.83	20.7	0
5	QPSK	12	13	19.92	19.95	19.86		
5	QPSK	25	0	19.66	19.90	19.68		
5	16QAM	1	0	19.81	19.93	19.98		
5	16QAM	1	12	19.78	19.86	19.94	20.7	0
5	16QAM	1	24	19.88	19.79	19.87		
5	16QAM	12	0	19.95	19.84	19.91		
5	16QAM	12	7	19.93	19.82	20.03	20.7	0
5	16QAM	12	13	20.01	19.98	19.96		
5	16QAM	25	0	19.84	19.99	19.90		
5	64QAM	1	0	19.83	19.94	20.04		
5	64QAM	1	12	19.82	19.86	19.93	20.7	0
5	64QAM	1	24	19.91	20.12	19.97		
5	64QAM	12	0	19.98	19.92	19.89		
5	64QAM	12	7	19.85	19.88	19.90	20.7	0
5	64QAM	12	13	19.86	19.98	20.10		
5	64QAM	25	0	19.86	20.01	20.00		
5	256QAM	1	0	19.92	19.98	19.95		
5	256QAM	1	12	19.83	20.09	19.99	20.7	0
5	256QAM	1	24	19.96	19.97	19.90		
5	256QAM	12	0	19.95	20.04	19.97		
5	256QAM	12	7	19.89	19.90	20.02	20.7	0
5	256QAM	12	13	19.94	19.97	19.96		
5	256QAM	25	0	19.93	20.02	20.00		
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	20.00	20.15	19.99		
3	QPSK	1	8	20.00	20.01	20.06	20.7	0
3	QPSK	1	14	20.04	20.07	20.03		
3	QPSK	8	0	19.94	19.97	19.97		
3	QPSK	8	4	19.95	19.88	19.91	20.7	0
3	QPSK	8	7	19.88	19.99	19.83		
3	QPSK	15	0	19.72	19.95	19.62		
3	16QAM	1	0	19.77	19.86	19.95		
3	16QAM	1	8	19.77	19.75	19.85	20.7	0
3	16QAM	1	14	19.83	19.84	19.85		
3	16QAM	8	0	19.94	19.82	19.86		
3	16QAM	8	4	19.90	19.94	19.99	20.7	0
3	16QAM	8	7	19.95	19.93	19.89		
3	16QAM	15	0	19.80	19.96	20.02		
3	64QAM	1	0	19.86	19.89	19.93		
3	64QAM	1	8	19.88	19.97	19.98	20.7	0
3	64QAM	1	14	19.95	20.03	19.92		
3	64QAM	8	0	19.95	19.92	19.90		
3	64QAM	8	4	19.87	19.90	19.91	20.7	0
3	64QAM	8	7	19.82	20.02	19.98		
3	64QAM	15	0	19.89	20.01	19.95		
3	256QAM	1	0	19.92	20.04	19.91		
3	256QAM	1	8	19.80	20.09	19.90	20.7	0
3	256QAM	1	14	19.95	19.98	19.99		
3	256QAM	8	0	19.99	19.98	19.89		
3	256QAM	8	4	19.78	19.95	19.90	20.7	0
3	256QAM	8	7	19.91	19.89	20.00		
3	256QAM	15	0	19.95	19.96	19.98		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	19.92	20.12	20.11		
1.4	QPSK	1	3	20.08	20.09	20.05		
1.4	QPSK	1	5	19.93	20.10	19.96	20.7	0
1.4	QPSK	3	0	19.80	20.12	19.83		
1.4	QPSK	3	1	19.86	19.88	19.90		
1.4	QPSK	3	3	19.91	19.84	19.79		
1.4	QPSK	6	0	19.72	19.95	19.67	20.7	0
1.4	16QAM	1	0	19.88	19.90	19.93		
1.4	16QAM	1	3	19.91	19.89	19.89		
1.4	16QAM	1	5	19.80	19.77	19.83	20.7	0
1.4	16QAM	3	0	19.98	19.92	19.92		
1.4	16QAM	3	1	19.90	19.87	19.98		
1.4	16QAM	3	3	20.04	19.99	20.00		
1.4	16QAM	6	0	19.82	19.99	19.93	20.7	0
1.4	64QAM	1	0	19.87	19.92	20.01		
1.4	64QAM	1	3	19.94	19.96	20.05		
1.4	64QAM	1	5	19.91	20.08	19.93	20.7	0
1.4	64QAM	3	0	20.01	19.93	19.86		
1.4	64QAM	3	1	19.91	19.99	19.83		
1.4	64QAM	3	3	19.91	20.02	19.99		
1.4	64QAM	6	0	19.87	19.98	19.92	20.7	0
1.4	256QAM	1	0	19.98	20.11	19.89		
1.4	256QAM	1	3	19.82	20.02	19.91		
1.4	256QAM	1	5	20.01	19.97	19.97	20.7	0
1.4	256QAM	3	0	19.97	20.05	19.93		
1.4	256QAM	3	1	19.81	19.99	19.90		
1.4	256QAM	3	3	19.88	19.91	19.93		
1.4	256QAM	6	0	19.93	20.02	19.95	20.7	0

Band 12 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.57	20.65	20.55		
10	QPSK	1	25	20.50	20.59	20.48	21.7	0
10	QPSK	1	49	20.52	20.41	20.46		
10	QPSK	25	0	20.51	20.59	20.53		
10	QPSK	25	12	20.27	20.42	20.29	21.7	0
10	QPSK	25	25	20.26	20.39	20.25		
10	QPSK	50	0	20.46	20.51	20.44		
10	16QAM	1	0	20.28	20.32	20.30		
10	16QAM	1	25	20.22	20.28	20.29	21.7	0
10	16QAM	1	49	20.27	20.18	20.29		
10	16QAM	25	0	20.44	20.28	20.35		
10	16QAM	25	12	20.33	20.42	20.48	21.7	0
10	16QAM	25	25	20.41	20.32	20.44		
10	16QAM	50	0	20.25	20.54	20.38		
10	64QAM	1	0	20.35	20.39	20.47		
10	64QAM	1	25	20.27	20.28	20.43	21.7	0
10	64QAM	1	49	20.30	20.55	20.48		
10	64QAM	25	0	19.80	20.06	20.08		
10	64QAM	25	12	19.77	19.99	19.81	21.7	0
10	64QAM	25	25	19.91	19.90	19.93		
10	64QAM	50	0	19.96	20.16	20.07		
10	256QAM	1	0	19.35	19.55	19.28		
10	256QAM	1	25	19.35	19.34	19.32	20.7	1
10	256QAM	1	49	19.23	19.25	19.21		
10	256QAM	25	0	19.44	19.51	19.46		
10	256QAM	25	12	19.46	19.45	19.34	20.7	1
10	256QAM	25	25	19.34	19.53	19.32		
10	256QAM	50	0	19.45	19.50	19.49		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.41	20.52	20.46		
5	QPSK	1	12	20.43	20.46	20.33	21.7	0
5	QPSK	1	24	20.30	20.44	20.24		
5	QPSK	12	0	20.21	20.44	20.23		
5	QPSK	12	7	20.29	20.33	20.22	21.7	0
5	QPSK	12	13	20.28	20.26	20.14		
5	QPSK	25	0	20.04	20.22	19.99		
5	16QAM	1	0	20.21	20.22	20.35		
5	16QAM	1	12	20.20	20.24	20.30	21.7	0
5	16QAM	1	24	20.12	20.11	20.23		
5	16QAM	12	0	20.35	20.19	20.26		
5	16QAM	12	7	20.35	20.30	20.40	21.7	0
5	16QAM	12	13	20.30	20.24	20.25		
5	16QAM	25	0	20.20	20.44	20.29		
5	64QAM	1	0	20.39	20.44	20.39		
5	64QAM	1	12	20.37	20.35	20.39	21.7	0
5	64QAM	1	24	20.19	20.40	20.12		
5	64QAM	12	0	19.72	19.99	20.03		
5	64QAM	12	7	19.71	19.87	19.71	21.7	0
5	64QAM	12	13	19.80	19.79	19.80		
5	64QAM	25	0	19.79	20.05	20.04		
5	256QAM	1	0	19.22	19.48	19.24		
5	256QAM	1	12	19.23	19.16	19.20	20.7	1
5	256QAM	1	24	19.15	19.19	19.15		
5	256QAM	12	0	19.34	19.46	19.29		
5	256QAM	12	7	19.35	19.37	19.18	20.7	1
5	256QAM	12	13	19.30	19.43	19.15		
5	256QAM	25	0	19.29	19.45	19.43		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.38	20.47	20.40		
3	QPSK	1	8	20.35	20.43	20.41	21.7	0
3	QPSK	1	14	20.41	20.41	20.40		
3	QPSK	8	0	20.22	20.39	20.23		
3	QPSK	8	4	20.17	20.30	20.18	21.7	0
3	QPSK	8	7	20.27	20.20	20.24		
3	QPSK	15	0	20.12	20.15	20.05		
3	16QAM	1	0	20.17	20.20	20.33		
3	16QAM	1	8	20.20	20.14	20.27	21.7	0
3	16QAM	1	14	20.17	20.13	20.21		
3	16QAM	8	0	20.24	20.19	20.24		
3	16QAM	8	4	20.34	20.24	20.29	21.7	0
3	16QAM	8	7	20.26	20.25	20.35		
3	16QAM	15	0	20.17	20.39	20.37		
3	64QAM	1	0	20.31	20.58	20.39		
3	64QAM	1	8	20.40	20.36	20.26	21.7	0
3	64QAM	1	14	20.22	20.42	20.33		
3	64QAM	8	0	19.72	19.92	20.00		
3	64QAM	8	4	19.72	19.93	19.86	21.7	0
3	64QAM	8	7	19.86	19.80	19.87		
3	64QAM	15	0	19.92	20.07	19.99		
3	256QAM	1	0	19.29	19.48	19.24		
3	256QAM	1	8	19.24	19.25	19.25	20.7	1
3	256QAM	1	14	19.14	19.11	19.17		
3	256QAM	8	0	19.40	19.46	19.41		
3	256QAM	8	4	19.35	19.30	19.27	20.7	1
3	256QAM	8	7	19.17	19.37	19.19		
3	256QAM	15	0	19.36	19.38	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.42	20.44	20.44		
1.4	QPSK	1	3	20.46	20.40	20.34		
1.4	QPSK	1	5	20.30	20.37	20.32	21.7	0
1.4	QPSK	3	0	20.28	20.33	20.28		
1.4	QPSK	3	1	20.25	20.28	20.19		
1.4	QPSK	3	3	20.17	20.35	20.22		
1.4	QPSK	6	0	20.03	20.29	20.07	21.7	0
1.4	16QAM	1	0	20.16	20.16	20.21		
1.4	16QAM	1	3	20.19	20.13	20.25		
1.4	16QAM	1	5	20.23	20.08	20.23	21.7	0
1.4	16QAM	3	0	20.22	20.23	20.27		
1.4	16QAM	3	1	20.30	20.25	20.28		
1.4	16QAM	3	3	20.37	20.28	20.28		
1.4	16QAM	6	0	20.17	20.41	20.33	21.7	0
1.4	64QAM	1	0	20.42	20.41	20.51		
1.4	64QAM	1	3	20.49	20.53	20.29		
1.4	64QAM	1	5	20.35	20.54	20.19	21.7	0
1.4	64QAM	3	0	20.44	20.59	20.48		
1.4	64QAM	3	1	20.37	20.38	20.23		
1.4	64QAM	3	3	20.23	20.34	20.14		
1.4	64QAM	6	0	19.77	19.95	19.77	21.7	0
1.4	256QAM	1	0	19.28	19.48	19.20		
1.4	256QAM	1	3	19.24	19.28	19.25		
1.4	256QAM	1	5	19.18	19.10	19.14	20.7	1
1.4	256QAM	3	0	19.30	19.40	19.34		
1.4	256QAM	3	1	19.34	19.37	19.25		
1.4	256QAM	3	3	19.22	19.45	19.19		
1.4	256QAM	6	0	19.28	19.48	19.35	20.7	1

Band 13 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.63			
10	QPSK	1	25		21.54		22.7	0
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.57			
10	QPSK	25	12		21.34		22.7	0
10	QPSK	25	25		21.36			
10	QPSK	50	0		21.36			
10	16QAM	1	0		21.30			
10	16QAM	1	25		21.29		22.7	0
10	16QAM	1	49		21.21			
10	16QAM	25	0		21.41			
10	16QAM	25	12		21.32		22.7	0
10	16QAM	25	25		21.41			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.36			
10	64QAM	1	25		21.39		22.7	0
10	64QAM	1	49		21.54			
10	64QAM	25	0		21.42			
10	64QAM	25	12		21.48		22.7	0
10	64QAM	25	25		21.45			
10	64QAM	50	0		21.49			
10	256QAM	1	0		19.51			
10	256QAM	1	25		19.42		20.7	2
10	256QAM	1	49		19.29			
10	256QAM	25	0		19.53			
10	256QAM	25	12		19.49		20.7	2
10	256QAM	25	25		19.54			
10	256QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.37	21.54	21.42		
5	QPSK	1	12	21.38	21.43	21.44	22.7	0
5	QPSK	1	24	21.34	21.34	21.38		
5	QPSK	12	0	21.21	21.41	21.22		
5	QPSK	12	7	21.32	21.26	21.26	22.7	0
5	QPSK	12	13	21.26	21.35	21.16		
5	QPSK	25	0	21.04	21.25	21.12		
5	16QAM	1	0	21.18	21.22	21.30		
5	16QAM	1	12	21.16	21.13	21.20	22.7	0
5	16QAM	1	24	21.22	21.22	21.23		
5	16QAM	12	0	21.33	21.31	21.21		
5	16QAM	12	7	21.33	21.23	21.35	22.7	0
5	16QAM	12	13	21.41	21.34	21.38		
5	16QAM	25	0	21.15	21.37	21.36		
5	64QAM	1	0	21.29	21.32	21.29		
5	64QAM	1	12	21.28	21.32	21.36	22.7	0
5	64QAM	1	24	21.27	21.40	21.37		
5	64QAM	12	0	21.34	21.36	21.32		
5	64QAM	12	7	21.19	21.26	21.18	22.7	0
5	64QAM	12	13	21.22	21.47	21.40		
5	64QAM	25	0	21.38	21.32	21.40		
5	256QAM	1	0	19.42	19.37	19.43		
5	256QAM	1	12	19.30	19.34	19.36	20.7	2
5	256QAM	1	24	19.15	19.22	19.26		
5	256QAM	12	0	19.39	19.43	19.44		
5	256QAM	12	7	19.35	19.45	19.47	20.7	2
5	256QAM	12	13	19.47	19.36	19.48		
5	256QAM	25	0	19.54	19.46	19.48		

Band 17 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50	0	-50		
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	20.38	20.52	20.43	21.7	0
10	QPSK	1	25	20.32	20.39	20.44		
10	QPSK	1	49	20.28	20.32	20.31		
10	QPSK	25	0	20.17	20.35	20.20	21.7	0
10	QPSK	25	12	20.20	20.31	20.22		
10	QPSK	25	25	20.20	20.32	20.16		
10	QPSK	50	0	20.15	20.16	20.01		
10	16QAM	1	0	20.18	20.21	20.34	21.7	0
10	16QAM	1	25	20.16	20.11	20.22		
10	16QAM	1	49	20.11	20.15	20.16		
10	16QAM	25	0	20.32	20.17	20.25	21.7	0
10	16QAM	25	12	20.34	20.29	20.28		
10	16QAM	25	25	20.29	20.27	20.32		
10	16QAM	50	0	20.17	20.31	20.31		
10	64QAM	1	0	20.22	20.29	20.28	21.7	0
10	64QAM	1	25	20.21	20.21	20.33		
10	64QAM	1	49	20.34	20.35	20.35		
10	64QAM	25	0	19.77	19.96	19.98	21.7	0
10	64QAM	25	12	19.65	19.87	19.82		
10	64QAM	25	25	19.75	19.88	19.81		
10	64QAM	50	0	19.86	20.05	19.98		
10	256QAM	1	0	19.33	19.43	19.17	20.7	1
10	256QAM	1	25	19.22	19.30	19.21		
10	256QAM	1	49	19.15	19.25	19.08		
10	256QAM	25	0	19.38	19.37	19.34	20.7	1
10	256QAM	25	12	19.31	19.34	19.29		
10	256QAM	25	25	19.31	19.41	19.24		
10	256QAM	50	0	19.44	19.40	19.34		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	20.28	20.33	20.36	21.7	0
5	QPSK	1	12	20.28	20.29	20.25		
5	QPSK	1	24	20.18	20.25	20.24		
5	QPSK	12	0	20.19	20.22	20.12	21.7	0
5	QPSK	12	7	20.21	20.09	20.17		
5	QPSK	12	13	20.11	20.12	20.06		
5	QPSK	25	0	20.02	20.19	19.92		
5	16QAM	1	0	19.98	20.08	20.25	21.7	0
5	16QAM	1	12	20.06	20.13	20.18		
5	16QAM	1	24	20.01	20.12	20.12		
5	16QAM	12	0	20.14	20.19	20.16	21.7	0
5	16QAM	12	7	20.20	20.17	20.20		
5	16QAM	12	13	20.26	20.16	20.20		
5	16QAM	25	0	20.09	20.25	20.25		
5	64QAM	1	0	20.20	20.11	20.17	21.7	0
5	64QAM	1	12	20.20	20.15	20.29		
5	64QAM	1	24	20.12	20.31	20.18		
5	64QAM	12	0	19.78	19.84	19.94	21.7	0
5	64QAM	12	7	19.76	19.81	19.76		
5	64QAM	12	13	19.71	19.79	19.71		
5	64QAM	25	0	19.82	19.99	19.84		
5	256QAM	1	0	19.17	19.25	18.99	20.7	1
5	256QAM	1	12	19.15	19.28	19.07		
5	256QAM	1	24	18.98	19.13	18.99		
5	256QAM	12	0	19.22	19.24	19.25	20.7	1
5	256QAM	12	7	19.28	19.25	19.15		
5	256QAM	12	13	19.23	19.32	19.16		
5	256QAM	25	0	19.34	19.31	19.21		

Band 26 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.10	20.26	20.09	20.7	0
15	QPSK	1	37	20.22	20.14	20.16		
15	QPSK	1	74	20.03	20.21	20.12		
15	QPSK	36	0	20.00	20.23	19.98		
15	QPSK	36	20	20.04	20.05	19.91	20.7	0
15	QPSK	36	39	20.06	20.01	20.02		
15	QPSK	75	0	19.81	19.94	19.75		
15	16QAM	1	0	19.96	20.05	19.98	20.7	0
15	16QAM	1	37	20.03	19.99	19.93		
15	16QAM	1	74	19.97	19.97	19.89		
15	16QAM	36	0	19.99	20.04	20.08	20.7	0
15	16QAM	36	20	20.12	20.03	20.19		
15	16QAM	36	39	20.01	20.05	20.04		
15	16QAM	75	0	20.00	20.17	20.11		
15	64QAM	1	0	20.06	19.96	20.03	20.7	0
15	64QAM	1	37	20.02	20.03	20.17		
15	64QAM	1	74	20.11	20.14	20.08		
15	64QAM	36	0	20.02	20.19	20.01	20.7	0
15	64QAM	36	20	19.95	19.99	20.01		
15	64QAM	36	39	20.04	20.17	20.21		
15	64QAM	75	0	20.02	20.08	20.10		
15	256QAM	1	0	20.03	20.23	20.04	20.7	0
15	256QAM	1	37	19.93	20.24	20.05		
15	256QAM	1	74	20.10	20.07	20.04		
15	256QAM	36	0	20.08	20.12	20.13	20.7	0
15	256QAM	36	20	19.92	20.09	20.09		
15	256QAM	36	39	20.04	20.06	20.08		
15	256QAM	75	0	19.96	20.15	20.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.95	20.02	19.89	20.7	0
10	QPSK	1	25	20.01	19.97	19.94		
10	QPSK	1	49	19.91	19.99	19.89		
10	QPSK	25	0	19.77	19.88	19.80	20.7	0
10	QPSK	25	12	19.85	19.84	19.70		
10	QPSK	25	25	19.76	19.80	19.79		
10	QPSK	50	0	19.82	19.73	19.57		
10	16QAM	1	0	19.78	19.81	19.85	20.7	0
10	16QAM	1	25	19.67	19.66	19.79		
10	16QAM	1	49	19.67	19.68	19.77		
10	16QAM	25	0	19.87	19.77	19.85	20.7	0
10	16QAM	25	12	19.89	19.82	19.94		
10	16QAM	25	25	19.85	19.77	19.92		
10	16QAM	50	0	19.82	19.89	19.88		
10	64QAM	1	0	19.77	19.85	19.82	20.7	0
10	64QAM	1	25	19.81	19.87	19.81		
10	64QAM	1	49	19.84	19.90	19.79		
10	64QAM	25	0	19.86	19.96	19.87	20.7	0
10	64QAM	25	12	19.84	19.80	19.78		
10	64QAM	25	25	19.70	19.98	19.98		
10	64QAM	50	0	19.77	19.84	19.96		
10	256QAM	1	0	19.86	19.93	19.87	20.7	0
10	256QAM	1	25	19.69	19.99	19.75		
10	256QAM	1	49	19.92	19.89	19.78		
10	256QAM	25	0	19.78	19.98	19.88	20.7	0
10	256QAM	25	12	19.77	19.81	19.91		
10	256QAM	25	25	19.83	19.81	19.96		
10	256QAM	50	0	19.78	19.84	19.88		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.90	19.99	19.94	20.7	0
5	QPSK	1	12	19.95	19.92	19.99		
5	QPSK	1	24	19.92	19.97	19.93		
5	QPSK	12	0	19.79	19.87	19.77	20.7	0
5	QPSK	12	7	19.83	19.87	19.71		
5	QPSK	12	13	19.72	19.80	19.75		
5	QPSK	25	0	19.55	19.77	19.54		
5	16QAM	1	0	19.67	19.80	19.87	20.7	0
5	16QAM	1	12	19.78	19.68	19.79		
5	16QAM	1	24	19.75	19.68	19.68		
5	16QAM	12	0	19.80	19.83	19.82	20.7	0
5	16QAM	12	7	19.92	19.86	19.96		
5	16QAM	12	13	19.81	19.88	19.86		
5	16QAM	25	0	19.78	19.90	19.86		
5	64QAM	1	0	19.75	19.89	19.89	20.7	0
5	64QAM	1	12	19.78	19.84	19.96		
5	64QAM	1	24	19.86	19.89	19.80		
5	64QAM	12	0	19.79	19.86	19.80	20.7	0
5	64QAM	12	7	19.74	19.78	19.84		
5	64QAM	12	13	19.71	19.86	19.87		
5	64QAM	25	0	19.90	19.85	19.93		
5	256QAM	1	0	19.79	19.96	19.87	20.7	0
5	256QAM	1	12	19.74	20.04	19.88		
5	256QAM	1	24	19.93	19.79	19.89		
5	256QAM	12	0	19.90	19.95	19.83	20.7	0
5	256QAM	12	7	19.71	19.92	19.89		
5	256QAM	12	13	19.79	19.91	19.90		
5	256QAM	25	0	19.87	19.82	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.96	20.01	20.01	20.7	0
3	QPSK	1	8	19.91	19.89	19.97		
3	QPSK	1	14	19.93	19.98	19.91		
3	QPSK	8	0	19.68	19.89	19.82	20.7	0
3	QPSK	8	4	19.87	19.81	19.68		
3	QPSK	8	7	19.72	19.87	19.70		
3	QPSK	15	0	19.58	19.75	19.58		
3	16QAM	1	0	19.71	19.79	19.86	20.7	0
3	16QAM	1	8	19.80	19.68	19.86		
3	16QAM	1	14	19.74	19.76	19.77		
3	16QAM	8	0	19.80	19.75	19.81	20.7	0
3	16QAM	8	4	19.87	19.76	19.94		
3	16QAM	8	7	19.93	19.84	19.92		
3	16QAM	15	0	19.77	20.00	19.79		
3	64QAM	1	0	19.89	19.74	19.96	20.7	0
3	64QAM	1	8	19.86	19.81	19.81		
3	64QAM	1	14	19.80	19.96	19.87		
3	64QAM	8	0	19.94	19.85	19.86	20.7	0
3	64QAM	8	4	19.81	19.81	19.76		
3	64QAM	8	7	19.70	19.95	19.90		
3	64QAM	15	0	19.91	19.83	19.84		
3	256QAM	1	0	19.85	20.00	19.79	20.7	0
3	256QAM	1	8	19.75	19.98	19.81		
3	256QAM	1	14	19.91	19.94	19.93		
3	256QAM	8	0	19.76	19.96	19.91	20.7	0
3	256QAM	8	4	19.80	19.85	19.85		
3	256QAM	8	7	19.75	19.84	19.85		
3	256QAM	15	0	19.81	19.91	19.85		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.93	19.96	19.92	20.7	0
1.4	QPSK	1	3	19.92	19.93	20.00		
1.4	QPSK	1	5	19.92	19.94	19.81		
1.4	QPSK	3	0	19.71	19.95	19.83		
1.4	QPSK	3	1	19.86	19.80	19.82		
1.4	QPSK	3	3	19.79	19.80	19.71		
1.4	QPSK	6	0	19.69	19.74	19.54	20.7	0
1.4	16QAM	1	0	19.73	19.74	19.84	20.7	0
1.4	16QAM	1	3	19.68	19.71	19.74		
1.4	16QAM	1	5	19.72	19.64	19.67		
1.4	16QAM	3	0	19.76	19.86	19.71		
1.4	16QAM	3	1	19.87	19.76	19.98		
1.4	16QAM	3	3	19.95	19.77	19.91		
1.4	16QAM	6	0	19.76	19.85	19.82	20.7	0
1.4	64QAM	1	0	19.78	19.76	19.83	20.7	0
1.4	64QAM	1	3	19.75	19.78	19.88		
1.4	64QAM	1	5	19.77	20.00	19.93		
1.4	64QAM	3	0	19.88	19.91	19.82		
1.4	64QAM	3	1	19.74	19.79	19.78		
1.4	64QAM	3	3	19.83	19.85	19.99		
1.4	64QAM	6	0	19.84	19.91	19.84	20.7	0
1.4	256QAM	1	0	19.77	19.90	19.90	20.7	0
1.4	256QAM	1	3	19.67	20.00	19.85		
1.4	256QAM	1	5	19.81	19.84	19.89		
1.4	256QAM	3	0	19.89	19.98	19.92		
1.4	256QAM	3	1	19.66	19.84	19.78		
1.4	256QAM	3	3	19.86	19.79	19.88		
1.4	256QAM	6	0	19.73	19.86	19.92	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.18	21.43	21.33	22.5	0
20	QPSK	1	49	21.30	21.24	21.21		
20	QPSK	1	99	21.24	21.27	21.21		
20	QPSK	50	0	21.17	21.33	21.18	22.5	0
20	QPSK	50	24	21.20	21.17	21.12		
20	QPSK	50	50	21.04	21.21	21.11		
20	QPSK	100	0	20.94	21.12	20.85		
20	16QAM	1	0	21.08	21.15	21.13	22.5	0
20	16QAM	1	49	21.14	21.05	21.17		
20	16QAM	1	99	21.08	21.08	21.00		
20	16QAM	50	0	21.12	21.12	21.07	22.5	0
20	16QAM	50	24	21.21	21.14	21.23		
20	16QAM	50	50	21.26	21.14	21.26		
20	16QAM	100	0	21.00	21.24	21.18		
20	64QAM	1	0	21.09	21.17	21.20	22.5	0
20	64QAM	1	49	21.14	21.20	21.17		
20	64QAM	1	99	21.21	21.25	21.20		
20	64QAM	50	0	21.07	21.27	21.29	21.5	1
20	64QAM	50	24	21.03	21.23	21.08		
20	64QAM	50	50	21.13	21.19	21.16		
20	64QAM	100	0	21.16	21.38	21.33		
20	256QAM	1	0	19.09	19.24	18.95	20.5	2
20	256QAM	1	49	19.05	19.14	19.02		
20	256QAM	1	99	19.03	18.99	18.95		
20	256QAM	50	0	19.15	19.19	19.15	20.5	2
20	256QAM	50	24	19.15	19.14	19.10		
20	256QAM	50	50	19.16	19.26	19.02		
20	256QAM	100	0	19.16	19.31	19.16		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.20	21.30	21.13	22.5	0
15	QPSK	1	37	21.17	21.16	21.20		
15	QPSK	1	74	21.08	21.09	21.13		
15	QPSK	36	0	20.95	21.15	21.04	22.5	0
15	QPSK	36	20	20.94	21.06	20.96		
15	QPSK	36	39	20.98	21.08	21.03		
15	QPSK	75	0	20.84	20.96	20.78		
15	16QAM	1	0	20.92	20.95	21.03	22.5	0
15	16QAM	1	37	20.93	20.96	21.04		
15	16QAM	1	74	21.00	21.00	20.95		
15	16QAM	36	0	21.05	21.08	21.03	22.5	0
15	16QAM	36	20	21.09	21.09	21.21		
15	16QAM	36	39	21.10	20.99	21.15		
15	16QAM	75	0	21.02	21.11	21.08		
15	64QAM	1	0	21.02	21.00	21.17	22.5	0
15	64QAM	1	37	21.04	21.09	21.18		
15	64QAM	1	74	21.07	21.26	21.05		
15	64QAM	36	0	21.00	21.16	21.13	21.5	1
15	64QAM	36	20	20.97	21.18	20.92		
15	64QAM	36	39	21.08	21.06	21.07		
15	64QAM	75	0	21.02	21.26	21.17		
15	256QAM	1	0	18.94	19.16	18.77	20.5	2
15	256QAM	1	37	18.95	19.08	18.86		
15	256QAM	1	74	19.00	18.95	18.92		
15	256QAM	36	0	19.08	19.11	19.06	20.5	2
15	256QAM	36	20	19.01	19.04	19.05		
15	256QAM	36	39	19.11	19.18	18.97		
15	256QAM	75	0	19.10	19.24	19.03		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.09	21.19	21.20	22.5	0
10	QPSK	1	25	21.25	21.20	21.09		
10	QPSK	1	49	21.12	21.16	21.14		
10	QPSK	25	0	21.01	21.21	21.12	22.5	0
10	QPSK	25	12	20.99	21.06	21.03		
10	QPSK	25	25	21.07	21.08	20.96		
10	QPSK	50	0	20.85	21.08	20.89		
10	16QAM	1	0	20.91	21.02	20.99	22.5	0
10	16QAM	1	25	20.89	20.95	21.07		
10	16QAM	1	49	20.87	20.86	20.94		
10	16QAM	25	0	21.14	21.04	21.06	22.5	0
10	16QAM	25	12	21.08	21.09	21.09		
10	16QAM	25	25	21.15	21.01	21.05		
10	16QAM	50	0	21.05	21.23	21.07		
10	64QAM	1	0	21.10	21.03	21.17	22.5	0
10	64QAM	1	25	21.08	21.03	21.12		
10	64QAM	1	49	21.00	21.23	21.04		
10	64QAM	25	0	21.00	21.17	21.23	21.5	1
10	64QAM	25	12	20.94	21.13	21.03		
10	64QAM	25	25	21.07	21.15	21.01		
10	64QAM	50	0	20.99	21.31	21.19		
10	256QAM	1	0	18.96	19.13	18.81	20.5	2
10	256QAM	1	25	18.98	18.96	18.95		
10	256QAM	1	49	18.97	18.82	18.82		
10	256QAM	25	0	19.03	19.14	18.99	20.5	2
10	256QAM	25	12	19.03	19.01	18.99		
10	256QAM	25	25	19.06	19.15	18.91		
10	256QAM	50	0	18.99	19.19	19.13		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.07	21.21	21.14	22.5	0
5	QPSK	1	12	21.24	21.27	21.20		
5	QPSK	1	24	21.14	21.14	21.02		
5	QPSK	12	0	21.05	21.20	21.06	22.5	0
5	QPSK	12	7	20.95	21.00	20.92		
5	QPSK	12	13	20.95	21.11	20.97		
5	QPSK	25	0	20.79	21.07	20.85		
5	16QAM	1	0	20.87	21.04	21.13	22.5	0
5	16QAM	1	12	20.96	21.03	20.94		
5	16QAM	1	24	21.02	20.92	20.94		
5	16QAM	12	0	21.04	21.04	21.08	22.5	0
5	16QAM	12	7	21.11	21.06	21.14		
5	16QAM	12	13	21.14	20.96	21.16		
5	16QAM	25	0	20.91	21.16	21.04		
5	64QAM	1	0	21.08	21.05	21.09	22.5	0
5	64QAM	1	12	21.10	21.06	21.06		
5	64QAM	1	24	20.99	21.11	21.07		
5	64QAM	12	0	21.03	21.10	21.23	21.5	1
5	64QAM	12	7	20.85	21.15	20.96		
5	64QAM	12	13	21.07	21.05	21.03		
5	64QAM	25	0	21.05	21.33	21.30		
5	256QAM	1	0	19.02	19.10	18.91	20.5	2
5	256QAM	1	12	18.99	19.03	18.91		
5	256QAM	1	24	18.96	18.82	18.87		
5	256QAM	12	0	19.04	19.02	19.07	20.5	2
5	256QAM	12	7	19.09	19.04	18.92		
5	256QAM	12	13	19.01	19.17	18.87		
5	256QAM	25	0	19.13	19.20	19.14		

GSM1900 EC15

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.12	26.29	26.16	27.50	17.12	17.29	17.16	18.50
GPRS 1 Tx slot	26.11	26.27	26.15	27.50	17.11	17.27	17.15	18.50
GPRS 2 Tx slots	23.40	23.39	23.24	24.50	17.40	17.39	17.24	18.50
GPRS 3 Tx slots	21.45	21.43	21.47	22.70	17.19	17.17	17.21	18.44
GPRS 4 Tx slots	20.11	20.18	20.13	21.50	17.11	17.18	17.13	18.50
EDGE 1 Tx slot	26.03	26.03	26.11	27.50	17.03	17.03	17.11	18.50
EDGE 2 Tx slots	23.54	23.71	23.78	24.50	17.54	17.71	17.78	18.50
EDGE 3 Tx slots	20.87	21.09	21.33	22.70	16.61	16.83	17.07	18.44
EDGE 4 Tx slots	20.11	20.27	20.19	21.50	17.11	17.27	17.19	18.50

		WCDMA II EC15				WCDMA IV EC15			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.81	17.85	17.74	19.00	17.27	17.30	17.24	18.50
3GPP Rel 99	RMC 12.2Kbps	17.83	17.87	17.85	19.00	17.29	17.32	17.25	18.50
3GPP Rel 6	HSDPA Subtest-1	16.77	17.01	16.95	18.00	16.10	16.37	16.27	17.50
3GPP Rel 6	HSDPA Subtest-2	16.95	16.85	16.49	17.00	16.34	16.19	16.17	17.50
3GPP Rel 6	HSDPA Subtest-3	16.17	16.26	16.40	16.50	15.91	15.72	15.86	17.00
3GPP Rel 6	HSDPA Subtest-4	16.35	16.38	16.38	16.50	15.93	15.85	15.76	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.71	17.02	16.78	18.00	16.22	16.27	16.27	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.83	16.79	16.55	17.00	16.20	16.12	16.03	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.14	16.41	16.37	16.50	15.58	15.89	15.69	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.15	16.15	16.29	16.50	15.62	15.65	15.69	17.00
3GPP Rel 6	HSUPA Subtest-1	16.56	16.45	16.71	18.00	16.08	16.15	16.44	17.50
3GPP Rel 6	HSUPA Subtest-2	15.01	15.03	15.02	16.00	14.51	14.58	14.52	15.50
3GPP Rel 6	HSUPA Subtest-3	15.90	16.00	15.96	17.00	15.36	15.49	15.31	16.50
3GPP Rel 6	HSUPA Subtest-4	15.02	15.08	15.01	16.00	14.51	14.59	14.56	15.50
3GPP Rel 6	HSUPA Subtest-5	16.64	16.72	16.70	18.00	16.12	16.46	16.40	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.39	14.41	14.50	14.50	13.84	13.81	13.66	15.00

Band 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.69	18.85	18.62	19.5	0
20	QPSK	1	49	18.72	18.66	18.64		
20	QPSK	1	99	18.70	18.63	18.63		
20	QPSK	50	0	18.49	18.65	18.61	19.5	0
20	QPSK	50	24	18.59	18.55	18.51		
20	QPSK	50	50	18.43	18.58	18.47		
20	QPSK	100	0	18.41	18.58	18.28		
20	16QAM	1	0	18.46	18.49	18.55	19.5	0
20	16QAM	1	49	18.49	18.42	18.56		
20	16QAM	1	99	18.40	18.44	18.49		
20	16QAM	50	0	18.52	18.53	18.57	19.5	0
20	16QAM	50	24	18.64	18.47	18.62		
20	16QAM	50	50	18.59	18.61	18.54		
20	16QAM	100	0	18.45	18.62	18.58		
20	64QAM	1	0	18.58	18.48	18.57	19.5	0
20	64QAM	1	49	18.57	18.58	18.62		
20	64QAM	1	99	18.61	18.75	18.56		
20	64QAM	50	0	18.57	18.61	18.53	19.5	0
20	64QAM	50	24	18.52	18.61	18.50		
20	64QAM	50	50	18.46	18.72	18.70		
20	64QAM	100	0	18.57	18.69	18.61		
20	256QAM	1	0	18.47	18.66	18.54	19.5	0
20	256QAM	1	49	18.54	18.77	18.51		
20	256QAM	1	99	18.62	18.62	18.59		
20	256QAM	50	0	18.53	18.59	18.63	19.5	0
20	256QAM	50	24	18.54	18.65	18.54		
20	256QAM	50	50	18.57	18.65	18.70		
20	256QAM	100	0	18.52	18.57	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.42	18.21	19.5	0
15	QPSK	1	37	18.34	18.38	18.27		
15	QPSK	1	74	18.30	18.19	18.14		
15	QPSK	36	0	18.13	18.29	18.20	19.5	0
15	QPSK	36	20	18.06	18.19	18.04		
15	QPSK	36	39	18.08	18.22	18.04		
15	QPSK	75	0	18.02	18.08	17.90		
15	16QAM	1	0	17.99	18.10	18.22	19.5	0
15	16QAM	1	37	18.16	18.05	18.12		
15	16QAM	1	74	18.08	18.07	18.13		
15	16QAM	36	0	18.18	18.17	18.16	19.5	0
15	16QAM	36	20	18.23	18.11	18.32		
15	16QAM	36	39	18.19	18.14	18.22		
15	16QAM	75	0	18.11	18.28	18.15		
15	64QAM	1	0	18.09	18.20	18.22	19.5	0
15	64QAM	1	37	18.09	18.13	18.28		
15	64QAM	1	74	18.23	18.24	18.23		
15	64QAM	36	0	18.22	18.28	18.22	19.5	0
15	64QAM	36	20	18.06	18.17	18.19		
15	64QAM	36	39	18.09	18.31	18.23		
15	64QAM	75	0	18.23	18.24	18.25		
15	256QAM	1	0	18.19	18.25	18.21	19.5	0
15	256QAM	1	37	18.03	18.29	18.19		
15	256QAM	1	74	18.29	18.26	18.13		
15	256QAM	36	0	18.23	18.24	18.25	19.5	0
15	256QAM	36	20	18.01	18.24	18.26		
15	256QAM	36	39	18.20	18.17	18.21		
15	256QAM	75	0	18.06	18.19	18.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.16	18.39	18.26	19.5	0
10	QPSK	1	25	18.25	18.27	18.29		
10	QPSK	1	49	18.29	18.19	18.18		
10	QPSK	25	0	18.16	18.31	18.20	19.5	0
10	QPSK	25	12	18.19	18.13	18.07		
10	QPSK	25	25	18.04	18.21	18.04		
10	QPSK	50	0	17.89	18.16	17.90		
10	16QAM	1	0	18.09	18.08	18.12	19.5	0
10	16QAM	1	25	18.05	18.09	18.15		
10	16QAM	1	49	18.07	18.07	18.04		
10	16QAM	25	0	18.11	18.07	18.12	19.5	0
10	16QAM	25	12	18.15	18.12	18.23		
10	16QAM	25	25	18.15	18.16	18.21		
10	16QAM	50	0	18.14	18.33	18.16		
10	64QAM	1	0	18.17	18.22	18.22	19.5	0
10	64QAM	1	25	18.11	18.12	18.25		
10	64QAM	1	49	18.23	18.29	18.17		
10	64QAM	25	0	18.24	18.22	18.15	19.5	0
10	64QAM	25	12	18.17	18.26	18.09		
10	64QAM	25	25	18.11	18.33	18.24		
10	64QAM	50	0	18.16	18.26	18.23		
10	256QAM	1	0	18.19	18.32	18.15	19.5	0
10	256QAM	1	25	18.03	18.26	18.24		
10	256QAM	1	49	18.26	18.15	18.17		
10	256QAM	25	0	18.24	18.29	18.17	19.5	0
10	256QAM	25	12	18.05	18.28	18.27		
10	256QAM	25	25	18.19	18.16	18.23		
10	256QAM	50	0	18.17	18.19	18.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.28	18.35	18.26	19.5	0
5	QPSK	1	12	18.30	18.28	18.35		
5	QPSK	1	24	18.20	18.26	18.23		
5	QPSK	12	0	18.09	18.27	18.08	19.5	0
5	QPSK	12	7	18.12	18.20	18.05		
5	QPSK	12	13	18.07	18.16	18.10		
5	QPSK	25	0	17.96	18.19	17.89		
5	16QAM	1	0	17.97	18.11	18.12	19.5	0
5	16QAM	1	12	18.08	18.09	18.17		
5	16QAM	1	24	18.06	18.02	18.13		
5	16QAM	12	0	18.20	18.05	18.12	19.5	0
5	16QAM	12	7	18.17	18.21	18.23		
5	16QAM	12	13	18.21	18.09	18.20		
5	16QAM	25	0	18.14	18.23	18.24		
5	64QAM	1	0	18.22	18.09	18.29	19.5	0
5	64QAM	1	12	18.06	18.08	18.25		
5	64QAM	1	24	18.25	18.28	18.20		
5	64QAM	12	0	18.13	18.22	18.09	19.5	0
5	64QAM	12	7	18.05	18.17	18.09		
5	64QAM	12	13	18.15	18.21	18.30		
5	64QAM	25	0	18.15	18.21	18.31		
5	256QAM	1	0	18.14	18.25	18.10	19.5	0
5	256QAM	1	12	18.00	18.33	18.14		
5	256QAM	1	24	18.21	18.14	18.19		
5	256QAM	12	0	18.18	18.31	18.19	19.5	0
5	256QAM	12	7	18.03	18.20	18.28		
5	256QAM	12	13	18.20	18.24	18.15		
5	256QAM	25	0	18.10	18.26	18.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.42	18.24	19.5	0
3	QPSK	1	8	18.27	18.37	18.26		
3	QPSK	1	14	18.26	18.22	18.21		
3	QPSK	8	0	18.15	18.24	18.16	19.5	0
3	QPSK	8	4	18.12	18.18	18.08		
3	QPSK	8	7	18.09	18.14	18.07		
3	QPSK	15	0	18.04	18.20	17.88		
3	16QAM	1	0	18.12	18.10	18.23	19.5	0
3	16QAM	1	8	18.12	18.08	18.06		
3	16QAM	1	14	17.97	18.00	18.15		
3	16QAM	8	0	18.23	18.07	18.16	19.5	0
3	16QAM	8	4	18.18	18.11	18.23		
3	16QAM	8	7	18.28	18.19	18.26		
3	16QAM	15	0	18.16	18.28	18.28		
3	64QAM	1	0	18.19	18.18	18.23	19.5	0
3	64QAM	1	8	18.18	18.11	18.21		
3	64QAM	1	14	18.09	18.28	18.12		
3	64QAM	8	0	18.26	18.25	18.11	19.5	0
3	64QAM	8	4	18.16	18.18	18.06		
3	64QAM	8	7	18.11	18.26	18.20		
3	64QAM	15	0	18.15	18.29	18.29		
3	256QAM	1	0	18.18	18.25	18.17	19.5	0
3	256QAM	1	8	18.08	18.34	18.11		
3	256QAM	1	14	18.24	18.13	18.23		
3	256QAM	8	0	18.09	18.20	18.18	19.5	0
3	256QAM	8	4	18.04	18.18	18.22		
3	256QAM	8	7	18.19	18.27	18.31		
3	256QAM	15	0	18.05	18.21	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.32	18.32	18.27	19.5	0
1.4	QPSK	1	3	18.34	18.37	18.21		
1.4	QPSK	1	5	18.26	18.20	18.17		
1.4	QPSK	3	0	18.15	18.24	18.11		
1.4	QPSK	3	1	18.19	18.12	18.03		
1.4	QPSK	3	3	18.04	18.11	18.10		
1.4	QPSK	6	0	17.93	18.05	17.87	19.5	0
1.4	16QAM	1	0	18.04	18.19	18.19	19.5	0
1.4	16QAM	1	3	18.07	17.99	18.16		
1.4	16QAM	1	5	18.04	18.10	18.13		
1.4	16QAM	3	0	18.21	18.08	18.05		
1.4	16QAM	3	1	18.24	18.14	18.18		
1.4	16QAM	3	3	18.15	18.10	18.15		
1.4	16QAM	6	0	18.08	18.21	18.24	19.5	0
1.4	64QAM	1	0	18.21	18.13	18.25	19.5	0
1.4	64QAM	1	3	18.07	18.12	18.26		
1.4	64QAM	1	5	18.20	18.21	18.20		
1.4	64QAM	3	0	18.27	18.19	18.11		
1.4	64QAM	3	1	18.14	18.17	18.18		
1.4	64QAM	3	3	18.05	18.27	18.31		
1.4	64QAM	6	0	18.20	18.18	18.28	19.5	0
1.4	256QAM	1	0	18.17	18.24	18.13	19.5	0
1.4	256QAM	1	3	18.09	18.35	18.12		
1.4	256QAM	1	5	18.20	18.25	18.25		
1.4	256QAM	3	0	18.12	18.32	18.25		
1.4	256QAM	3	1	18.07	18.15	18.25		
1.4	256QAM	3	3	18.17	18.13	18.17		
1.4	256QAM	6	0	18.07	18.25	18.25	19.5	0

Band 4 DS5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.65	18.79	18.63	19.2	0
20	QPSK	1	49	18.71	18.74	18.64		
20	QPSK	1	99	18.61	18.71	18.66		
20	QPSK	50	0	18.43	18.69	18.60	19.2	0
20	QPSK	50	24	18.58	18.50	18.54		
20	QPSK	50	50	18.54	18.61	18.38		
20	QPSK	100	0	18.42	18.53	18.28		
20	16QAM	1	0	18.46	18.43	18.49	19.2	0
20	16QAM	1	49	18.48	18.52	18.52		
20	16QAM	1	99	18.37	18.43	18.44		
20	16QAM	50	0	18.52	18.46	18.56	19.2	0
20	16QAM	50	24	18.62	18.54	18.65		
20	16QAM	50	50	18.66	18.59	18.55		
20	16QAM	100	0	18.44	18.72	18.52		
20	64QAM	1	0	18.60	18.52	18.63	19.2	0
20	64QAM	1	49	18.57	18.57	18.66		
20	64QAM	1	99	18.48	18.71	18.52		
20	64QAM	50	0	18.59	18.56	18.53	19.2	0
20	64QAM	50	24	18.58	18.58	18.48		
20	64QAM	50	50	18.51	18.61	18.67		
20	64QAM	100	0	18.54	18.65	18.54		
20	256QAM	1	0	18.53	18.70	18.61	19.2	0
20	256QAM	1	49	18.40	18.77	18.57		
20	256QAM	1	99	18.64	18.64	18.64		
20	256QAM	50	0	18.59	18.71	18.49	19.2	0
20	256QAM	50	24	18.42	18.59	18.62		
20	256QAM	50	50	18.54	18.52	18.65		
20	256QAM	100	0	18.47	18.59	18.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.63	18.55	19.2	0
15	QPSK	1	37	18.63	18.60	18.60		
15	QPSK	1	74	18.51	18.59	18.48		
15	QPSK	36	0	18.36	18.55	18.41	19.2	0
15	QPSK	36	20	18.48	18.37	18.43		
15	QPSK	36	39	18.46	18.41	18.27		
15	QPSK	75	0	18.22	18.44	18.18		
15	16QAM	1	0	18.38	18.34	18.48	19.2	0
15	16QAM	1	37	18.32	18.34	18.44		
15	16QAM	1	74	18.30	18.37	18.37		
15	16QAM	36	0	18.51	18.35	18.37	19.2	0
15	16QAM	36	20	18.44	18.43	18.49		
15	16QAM	36	39	18.47	18.45	18.46		
15	16QAM	75	0	18.35	18.58	18.45		
15	64QAM	1	0	18.50	18.46	18.54	19.2	0
15	64QAM	1	37	18.35	18.36	18.49		
15	64QAM	1	74	18.48	18.49	18.46		
15	64QAM	36	0	18.47	18.58	18.48	19.2	0
15	64QAM	36	20	18.35	18.40	18.35		
15	64QAM	36	39	18.36	18.47	18.55		
15	64QAM	75	0	18.41	18.46	18.45		
15	256QAM	1	0	18.44	18.56	18.38	19.2	0
15	256QAM	1	37	18.39	18.67	18.47		
15	256QAM	1	74	18.44	18.43	18.41		
15	256QAM	36	0	18.48	18.53	18.43	19.2	0
15	256QAM	36	20	18.41	18.42	18.53		
15	256QAM	36	39	18.49	18.48	18.58		
15	256QAM	75	0	18.33	18.47	18.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.48	18.68	18.56	19.2	0
10	QPSK	1	25	18.50	18.63	18.63		
10	QPSK	1	49	18.46	18.46	18.54		
10	QPSK	25	0	18.34	18.48	18.35	19.2	0
10	QPSK	25	12	18.35	18.43	18.34		
10	QPSK	25	25	18.42	18.47	18.30		
10	QPSK	50	0	18.22	18.43	18.28		
10	16QAM	1	0	18.33	18.41	18.44	19.2	0
10	16QAM	1	25	18.39	18.38	18.42		
10	16QAM	1	49	18.32	18.39	18.32		
10	16QAM	25	0	18.45	18.45	18.36	19.2	0
10	16QAM	25	12	18.50	18.41	18.52		
10	16QAM	25	25	18.47	18.40	18.48		
10	16QAM	50	0	18.34	18.47	18.52		
10	64QAM	1	0	18.48	18.46	18.44	19.2	0
10	64QAM	1	25	18.34	18.36	18.51		
10	64QAM	1	49	18.51	18.57	18.55		
10	64QAM	25	0	18.55	18.51	18.41	19.2	0
10	64QAM	25	12	18.46	18.40	18.35		
10	64QAM	25	25	18.33	18.56	18.49		
10	64QAM	50	0	18.50	18.56	18.54		
10	256QAM	1	0	18.49	18.57	18.46	19.2	0
10	256QAM	1	25	18.28	18.59	18.41		
10	256QAM	1	49	18.59	18.48	18.51		
10	256QAM	25	0	18.50	18.52	18.48	19.2	0
10	256QAM	25	12	18.37	18.56	18.43		
10	256QAM	25	25	18.43	18.49	18.48		
10	256QAM	50	0	18.43	18.44	18.53		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.47	18.63	18.58	19.2	0
5	QPSK	1	12	18.56	18.62	18.63		
5	QPSK	1	24	18.47	18.59	18.54		
5	QPSK	12	0	18.36	18.53	18.37	19.2	0
5	QPSK	12	7	18.39	18.37	18.42		
5	QPSK	12	13	18.43	18.43	18.31		
5	QPSK	25	0	18.23	18.35	18.24		
5	16QAM	1	0	18.27	18.35	18.46	19.2	0
5	16QAM	1	12	18.44	18.30	18.33		
5	16QAM	1	24	18.26	18.36	18.32		
5	16QAM	12	0	18.45	18.37	18.43	19.2	0
5	16QAM	12	7	18.51	18.49	18.49		
5	16QAM	12	13	18.42	18.47	18.48		
5	16QAM	25	0	18.33	18.49	18.54		
5	64QAM	1	0	18.48	18.50	18.56	19.2	0
5	64QAM	1	12	18.41	18.49	18.46		
5	64QAM	1	24	18.41	18.55	18.47		
5	64QAM	12	0	18.43	18.44	18.43	19.2	0
5	64QAM	12	7	18.42	18.48	18.38		
5	64QAM	12	13	18.41	18.47	18.56		
5	64QAM	25	0	18.48	18.46	18.44		
5	256QAM	1	0	18.38	18.51	18.48	19.2	0
5	256QAM	1	12	18.34	18.70	18.50		
5	256QAM	1	24	18.50	18.43	18.50		
5	256QAM	12	0	18.39	18.63	18.46	19.2	0
5	256QAM	12	7	18.39	18.50	18.55		
5	256QAM	12	13	18.48	18.41	18.52		
5	256QAM	25	0	18.43	18.55	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.44	18.63	18.63	19.2	0
3	QPSK	1	8	18.62	18.60	18.60		
3	QPSK	1	14	18.57	18.60	18.43		
3	QPSK	8	0	18.43	18.55	18.48	19.2	0
3	QPSK	8	4	18.43	18.45	18.38		
3	QPSK	8	7	18.41	18.49	18.39		
3	QPSK	15	0	18.29	18.35	18.19		
3	16QAM	1	0	18.31	18.32	18.49	19.2	0
3	16QAM	1	8	18.39	18.38	18.39		
3	16QAM	1	14	18.41	18.28	18.38		
3	16QAM	8	0	18.40	18.39	18.38	19.2	0
3	16QAM	8	4	18.50	18.38	18.51		
3	16QAM	8	7	18.54	18.49	18.52		
3	16QAM	15	0	18.30	18.61	18.43		
3	64QAM	1	0	18.44	18.40	18.58	19.2	0
3	64QAM	1	8	18.47	18.36	18.45		
3	64QAM	1	14	18.49	18.55	18.46		
3	64QAM	8	0	18.51	18.52	18.41	19.2	0
3	64QAM	8	4	18.45	18.44	18.36		
3	64QAM	8	7	18.39	18.61	18.54		
3	64QAM	15	0	18.44	18.46	18.59		
3	256QAM	1	0	18.44	18.60	18.52	19.2	0
3	256QAM	1	8	18.28	18.57	18.37		
3	256QAM	1	14	18.44	18.42	18.46		
3	256QAM	8	0	18.43	18.60	18.48	19.2	0
3	256QAM	8	4	18.34	18.49	18.46		
3	256QAM	8	7	18.46	18.44	18.58		
3	256QAM	15	0	18.35	18.50	18.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.52	18.64	18.61	19.2	0
1.4	QPSK	1	3	18.64	18.55	18.61		
1.4	QPSK	1	5	18.43	18.58	18.44		
1.4	QPSK	3	0	18.30	18.64	18.47		
1.4	QPSK	3	1	18.40	18.46	18.44		
1.4	QPSK	3	3	18.40	18.48	18.37		
1.4	QPSK	6	0	18.17	18.42	18.26	19.2	0
1.4	16QAM	1	0	18.34	18.34	18.37	19.2	0
1.4	16QAM	1	3	18.43	18.32	18.48		
1.4	16QAM	1	5	18.31	18.27	18.33		
1.4	16QAM	3	0	18.51	18.33	18.38		
1.4	16QAM	3	1	18.41	18.39	18.59		
1.4	16QAM	3	3	18.52	18.50	18.54		
1.4	16QAM	6	0	18.41	18.58	18.53	19.2	0
1.4	64QAM	1	0	18.43	18.37	18.51	19.2	0
1.4	64QAM	1	3	18.41	18.40	18.44		
1.4	64QAM	1	5	18.41	18.49	18.44		
1.4	64QAM	3	0	18.43	18.48	18.46		
1.4	64QAM	3	1	18.37	18.43	18.41		
1.4	64QAM	3	3	18.34	18.54	18.63		
1.4	64QAM	6	0	18.50	18.46	18.47	19.2	0
1.4	256QAM	1	0	18.49	18.56	18.38	19.2	0
1.4	256QAM	1	3	18.38	18.65	18.47		
1.4	256QAM	1	5	18.59	18.44	18.39		
1.4	256QAM	3	0	18.37	18.52	18.44		
1.4	256QAM	3	1	18.37	18.49	18.42		
1.4	256QAM	3	3	18.40	18.54	18.44		
1.4	256QAM	6	0	18.34	18.52	18.54	19.2	0

Band 7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	17.78	17.99	17.88	18.7	0
20	QPSK	1	49	17.87	17.93	17.85		
20	QPSK	1	99	17.76	17.90	17.73		
20	QPSK	50	0	17.64	17.90	17.74	18.7	0
20	QPSK	50	24	17.69	17.81	17.77		
20	QPSK	50	50	17.68	17.77	17.59		
20	QPSK	100	0	17.59	17.66	17.50		
20	16QAM	1	0	17.58	17.66	17.68	18.7	0
20	16QAM	1	49	17.74	17.57	17.66		
20	16QAM	1	99	17.58	17.64	17.69		
20	16QAM	50	0	17.71	17.76	17.69	18.7	0
20	16QAM	50	24	17.86	17.73	17.85		
20	16QAM	50	50	17.88	17.68	17.80		
20	16QAM	100	0	17.66	17.79	17.80		
20	64QAM	1	0	17.76	17.74	17.79	18.7	0
20	64QAM	1	49	17.78	17.72	17.75		
20	64QAM	1	99	17.72	17.83	17.85		
20	64QAM	50	0	17.85	17.88	17.80	18.7	0
20	64QAM	50	24	17.75	17.73	17.70		
20	64QAM	50	50	17.75	17.93	17.94		
20	64QAM	100	0	17.76	17.75	17.78		
20	256QAM	1	0	17.72	17.90	17.69	18.7	0
20	256QAM	1	49	17.63	17.93	17.82		
20	256QAM	1	99	17.76	17.85	17.71		
20	256QAM	50	0	17.74	17.87	17.83	18.7	0
20	256QAM	50	24	17.65	17.83	17.74		
20	256QAM	50	50	17.75	17.85	17.87		
20	256QAM	100	0	17.74	17.79	17.82		
Channel				75	0	-75	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				7.5	0	-7.5		
15	QPSK	1	0	17.74	17.94	17.77	18.7	0
15	QPSK	1	37	17.80	17.85	17.74		
15	QPSK	1	74	17.66	17.69	17.66		
15	QPSK	36	0	17.58	17.72	17.72	18.7	0
15	QPSK	36	20	17.59	17.64	17.55		
15	QPSK	36	39	17.61	17.60	17.54		
15	QPSK	75	0	17.50	17.57	17.39		
15	16QAM	1	0	17.48	17.53	17.66	18.7	0
15	16QAM	1	37	17.61	17.48	17.64		
15	16QAM	1	74	17.54	17.55	17.65		
15	16QAM	36	0	17.60	17.58	17.59	18.7	0
15	16QAM	36	20	17.69	17.70	17.68		
15	16QAM	36	39	17.71	17.72	17.66		
15	16QAM	75	0	17.61	17.84	17.72		
15	64QAM	1	0	17.64	17.63	17.66	18.7	0
15	64QAM	1	37	17.58	17.55	17.66		
15	64QAM	1	74	17.64	17.85	17.66		
15	64QAM	36	0	17.68	17.73	17.72	18.7	0
15	64QAM	36	20	17.53	17.70	17.59		
15	64QAM	36	39	17.54	17.70	17.74		
15	64QAM	75	0	17.72	17.63	17.76		
15	256QAM	1	0	17.60	17.75	17.73	18.7	0
15	256QAM	1	37	17.63	17.76	17.68		
15	256QAM	1	74	17.80	17.64	17.62		
15	256QAM	36	0	17.68	17.79	17.76	18.7	0
15	256QAM	36	20	17.54	17.68	17.64		
15	256QAM	36	39	17.68	17.70	17.77		
15	256QAM	75	0	17.68	17.64	17.63		
Channel				50	0	-50	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				5	0	-5		
10	QPSK	1	0	17.80	17.90	17.74	18.7	0
10	QPSK	1	25	17.75	17.75	17.77		
10	QPSK	1	49	17.68	17.68	17.72		
10	QPSK	25	0	17.55	17.78	17.71	18.7	0
10	QPSK	25	12	17.56	17.67	17.65		
10	QPSK	25	25	17.61	17.64	17.58		
10	QPSK	50	0	17.47	17.58	17.50		
10	16QAM	1	0	17.55	17.58	17.61	18.7	0
10	16QAM	1	25	17.55	17.57	17.62		
10	16QAM	1	49	17.47	17.57	17.54		
10	16QAM	25	0	17.59	17.59	17.63	18.7	0
10	16QAM	25	12	17.66	17.67	17.74		
10	16QAM	25	25	17.68	17.57	17.63		
10	16QAM	50	0	17.52	17.71	17.72		
10	64QAM	1	0	17.66	17.71	17.69	18.7	0
10	64QAM	1	25	17.57	17.66	17.77		
10	64QAM	1	49	17.73	17.85	17.66		
10	64QAM	25	0	17.67	17.66	17.62	18.7	0
10	64QAM	25	12	17.60	17.64	17.53		
10	64QAM	25	25	17.56	17.73	17.72		
10	64QAM	50	0	17.74	17.73	17.77		
10	256QAM	1	0	17.64	17.78	17.64	18.7	0
10	256QAM	1	25	17.53	17.77	17.66		
10	256QAM	1	49	17.69	17.74	17.65		
10	256QAM	25	0	17.64	17.74	17.73	18.7	0
10	256QAM	25	12	17.63	17.77	17.76		
10	256QAM	25	25	17.65	17.74	17.77		
10	256QAM	50	0	17.56	17.71	17.71		
Channel				25	0	-25	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2.5	0	-2.5		
5	QPSK	1	0	17.79	17.85	17.83	18.7	0
5	QPSK	1	12	17.84	17.85	17.70		
5	QPSK	1	24	17.79	17.67	17.72		
5	QPSK	12	0	17.60	17.82	17.65	18.7	0
5	QPSK	12	7	17.65	17.58	17.66		
5	QPSK	12	13	17.54	17.62	17.52		
5	QPSK	25	0	17.43	17.64	17.40		
5	16QAM	1	0	17.48	17.57	17.73	18.7	0
5	16QAM	1	12	17.65	17.63	17.61		
5	16QAM	1	24	17.46	17.49	17.57		
5	16QAM	12	0	17.67	17.60	17.60	18.7	0
5	16QAM	12	7	17.72	17.68	17.81		
5	16QAM	12	13	17.73	17.57	17.61		
5	16QAM	25	0	17.56	17.74	17.70		
5	64QAM	1	0	17.69	17.62	17.76	18.7	0
5	64QAM	1	12	17.63	17.56	17.78		
5	64QAM	1	24	17.68	17.79	17.69		
5	64QAM	12	0	17.62	17.76	17.59	18.7	0
5	64QAM	12	7	17.60	17.72	17.55		
5	64QAM	12	13	17.57	17.80	17.73		
5	64QAM	25	0	17.75	17.68	17.73		
5	256QAM	1	0	17.64	17.77	17.64	18.7	0
5	256QAM	1	12	17.63	17.87	17.59		
5	256QAM	1	24	17.77	17.66	17.65		
5	256QAM	12	0	17.59	17.70	17.69	18.7	0
5	256QAM	12	7	17.57	17.70	17.63		
5	256QAM	12	13	17.57	17.66	17.70		
5	256QAM	25	0	17.68	17.65	17.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.48	18.66	18.56		
20	QPSK	1	49	18.52	18.59	18.56	19.5	0
20	QPSK	1	99	18.47	18.44	18.50		
20	QPSK	50	0	18.30	18.57	18.44		
20	QPSK	50	24	18.42	18.42	18.29	19.5	0
20	QPSK	50	50	18.35	18.33	18.34		
20	QPSK	100	0	18.25	18.42	18.18		
20	16QAM	1	0	18.37	18.29	18.44		
20	16QAM	1	49	18.26	18.35	18.38	19.5	0
20	16QAM	1	99	18.35	18.24	18.33		
20	16QAM	50	0	18.46	18.42	18.37		
20	16QAM	50	24	18.46	18.33	18.54	19.5	0
20	16QAM	50	50	18.37	18.42	18.41		
20	16QAM	100	0	18.37	18.54	18.46		
20	64QAM	1	0	18.37	18.42	18.42		
20	64QAM	1	49	18.43	18.45	18.46	19.5	0
20	64QAM	1	99	18.44	18.56	18.48		
20	64QAM	50	0	18.40	18.45	18.33		
20	64QAM	50	24	18.43	18.49	18.28	19.5	0
20	64QAM	50	50	18.31	18.46	18.60		
20	64QAM	100	0	18.43	18.47	18.51		
20	256QAM	1	0	18.35	18.48	18.33		
20	256QAM	1	49	18.23	18.56	18.40	19.5	0
20	256QAM	1	99	18.53	18.38	18.49		
20	256QAM	50	0	18.34	18.51	18.41		
20	256QAM	50	24	18.23	18.49	18.50	19.5	0
20	256QAM	50	50	18.44	18.41	18.53		
20	256QAM	100	0	18.42	18.51	18.46		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.36	18.48	18.44		
15	QPSK	1	37	18.37	18.44	18.36	19.5	0
15	QPSK	1	74	18.39	18.46	18.27		
15	QPSK	36	0	18.32	18.35	18.26		
15	QPSK	36	20	18.24	18.26	18.21	19.5	0
15	QPSK	36	39	18.27	18.38	18.20		
15	QPSK	75	0	18.14	18.27	18.13		
15	16QAM	1	0	18.13	18.29	18.31		
15	16QAM	1	37	18.23	18.13	18.20	19.5	0
15	16QAM	1	74	18.22	18.19	18.16		
15	16QAM	36	0	18.38	18.31	18.32		
15	16QAM	36	20	18.29	18.25	18.47	19.5	0
15	16QAM	36	39	18.32	18.32	18.41		
15	16QAM	75	0	18.16	18.40	18.30		
15	64QAM	1	0	18.25	18.36	18.32		
15	64QAM	1	37	18.33	18.25	18.30	19.5	0
15	64QAM	1	74	18.39	18.45	18.27		
15	64QAM	36	0	18.32	18.33	18.23		
15	64QAM	36	20	18.33	18.37	18.21	19.5	0
15	64QAM	36	39	18.18	18.34	18.36		
15	64QAM	75	0	18.25	18.37	18.42		
15	256QAM	1	0	18.23	18.39	18.37		
15	256QAM	1	37	18.13	18.41	18.35	19.5	0
15	256QAM	1	74	18.34	18.43	18.26		
15	256QAM	36	0	18.28	18.49	18.32		
15	256QAM	36	20	18.14	18.41	18.33	19.5	0
15	256QAM	36	39	18.34	18.37	18.38		
15	256QAM	75	0	18.23	18.28	18.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.40	18.47	18.37		
10	QPSK	1	25	18.46	18.50	18.37	19.5	0
10	QPSK	1	49	18.43	18.42	18.29		
10	QPSK	25	0	18.16	18.38	18.34		
10	QPSK	25	12	18.29	18.29	18.31	19.5	0
10	QPSK	25	25	18.25	18.30	18.29		
10	QPSK	50	0	18.10	18.22	18.15		
10	16QAM	1	0	18.14	18.29	18.33		
10	16QAM	1	25	18.22	18.21	18.32	19.5	0
10	16QAM	1	49	18.14	18.20	18.20		
10	16QAM	25	0	18.31	18.25	18.22		
10	16QAM	25	12	18.40	18.27	18.43	19.5	0
10	16QAM	25	25	18.41	18.23	18.39		
10	16QAM	50	0	18.27	18.36	18.35		
10	64QAM	1	0	18.31	18.24	18.35		
10	64QAM	1	25	18.19	18.27	18.38	19.5	0
10	64QAM	1	49	18.37	18.49	18.34		
10	64QAM	25	0	18.38	18.35	18.33		
10	64QAM	25	12	18.31	18.29	18.20	19.5	0
10	64QAM	25	25	18.30	18.35	18.45		
10	64QAM	50	0	18.36	18.36	18.33		
10	256QAM	1	0	18.34	18.44	18.27		
10	256QAM	1	25	18.28	18.47	18.37	19.5	0
10	256QAM	1	49	18.32	18.37	18.34		
10	256QAM	25	0	18.27	18.39	18.31		
10	256QAM	25	12	18.27	18.40	18.29	19.5	0
10	256QAM	25	25	18.21	18.36	18.43		
10	256QAM	50	0	18.21	18.38	18.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.33	18.44	18.47		
5	QPSK	1	12	18.49	18.41	18.40	19.5	0
5	QPSK	1	24	18.30	18.40	18.43		
5	QPSK	12	0	18.28	18.47	18.37		
5	QPSK	12	7	18.28	18.33	18.17	19.5	0
5	QPSK	12	13	18.22	18.31	18.14		
5	QPSK	25	0	18.07	18.32	18.15		
5	16QAM	1	0	18.22	18.23	18.28		
5	16QAM	1	12	18.26	18.23	18.29	19.5	0
5	16QAM	1	24	18.22	18.17	18.15		
5	16QAM	12	0	18.31	18.22	18.19		
5	16QAM	12	7	18.28	18.33	18.33	19.5	0
5	16QAM	12	13	18.32	18.29	18.38		
5	16QAM	25	0	18.30	18.43	18.41		
5	64QAM	1	0	18.23	18.28	18.40		
5	64QAM	1	12	18.27	18.33	18.32	19.5	0
5	64QAM	1	24	18.32	18.48	18.27		
5	64QAM	12	0	18.39	18.39	18.29		
5	64QAM	12	7	18.26	18.27	18.30	19.5	0
5	64QAM	12	13	18.21	18.44	18.48		
5	64QAM	25	0	18.33	18.32	18.32		
5	256QAM	1	0	18.31	18.43	18.33		
5	256QAM	1	12	18.18	18.50	18.29	19.5	0
5	256QAM	1	24	18.32	18.31	18.40		
5	256QAM	12	0	18.27	18.45	18.36		
5	256QAM	12	7	18.22	18.37	18.26	19.5	0
5	256QAM	12	13	18.20	18.28	18.30		
5	256QAM	25	0	18.25	18.29	18.38		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.43	18.50	18.46		
3	QPSK	1	8	18.45	18.38	18.38	19.5	0
3	QPSK	1	14	18.31	18.33	18.43		
3	QPSK	8	0	18.26	18.36	18.34		
3	QPSK	8	4	18.25	18.27	18.23	19.5	0
3	QPSK	8	7	18.29	18.37	18.17		
3	QPSK	15	0	18.04	18.28	18.13		
3	16QAM	1	0	18.19	18.22	18.32		
3	16QAM	1	8	18.16	18.19	18.26	19.5	0
3	16QAM	1	14	18.23	18.12	18.20		
3	16QAM	8	0	18.35	18.19	18.28		
3	16QAM	8	4	18.41	18.28	18.38	19.5	0
3	16QAM	8	7	18.41	18.21	18.26		
3	16QAM	15	0	18.17	18.43	18.30		
3	64QAM	1	0	18.21	18.30	18.37		
3	64QAM	1	8	18.20	18.33	18.40	19.5	0
3	64QAM	1	14	18.32	18.37	18.32		
3	64QAM	8	0	18.34	18.37	18.30		
3	64QAM	8	4	18.33	18.26	18.25	19.5	0
3	64QAM	8	7	18.29	18.42	18.45		
3	64QAM	15	0	18.25	18.41	18.37		
3	256QAM	1	0	18.33	18.49	18.29		
3	256QAM	1	8	18.29	18.45	18.31	19.5	0
3	256QAM	1	14	18.36	18.31	18.37		
3	256QAM	8	0	18.28	18.45	18.39		
3	256QAM	8	4	18.23	18.35	18.39	19.5	0
3	256QAM	8	7	18.27	18.26	18.41		
3	256QAM	15	0	18.32	18.39	18.38		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.46	18.47	18.46		
1.4	QPSK	1	3	18.43	18.53	18.47		
1.4	QPSK	1	5	18.32	18.36	18.33	19.5	0
1.4	QPSK	3	0	18.31	18.36	18.35		
1.4	QPSK	3	1	18.23	18.23	18.21		
1.4	QPSK	3	3	18.25	18.29	18.25		
1.4	QPSK	6	0	18.10	18.28	18.03	19.5	0
1.4	16QAM	1	0	18.16	18.25	18.38		
1.4	16QAM	1	3	18.15	18.27	18.23		
1.4	16QAM	1	5	18.19	18.20	18.21	19.5	0
1.4	16QAM	3	0	18.28	18.24	18.33		
1.4	16QAM	3	1	18.31	18.22	18.41		
1.4	16QAM	3	3	18.32	18.34	18.36		
1.4	16QAM	6	0	18.30	18.34	18.29	19.5	0
1.4	64QAM	1	0	18.36	18.34	18.44		
1.4	64QAM	1	3	18.19	18.33	18.32		
1.4	64QAM	1	5	18.37	18.43	18.38	19.5	0
1.4	64QAM	3	0	18.40	18.34	18.22		
1.4	64QAM	3	1	18.28	18.31	18.17		
1.4	64QAM	3	3	18.26	18.42	18.40		
1.4	64QAM	6	0	18.30	18.33	18.44	19.5	0
1.4	256QAM	1	0	18.23	18.48	18.22		
1.4	256QAM	1	3	18.16	18.44	18.27		
1.4	256QAM	1	5	18.33	18.29	18.41	19.5	0
1.4	256QAM	3	0	18.31	18.37	18.37		
1.4	256QAM	3	1	18.18	18.31	18.27		
1.4	256QAM	3	3	18.25	18.32	18.36		
1.4	256QAM	6	0	18.23	18.31	18.26	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.49	18.59	18.48		
20	QPSK	1	49	18.42	18.51	18.52	19.2	0
20	QPSK	1	99	18.48	18.37	18.34		
20	QPSK	50	0	18.26	18.53	18.34		
20	QPSK	50	24	18.27	18.26	18.23	19.2	0
20	QPSK	50	50	18.34	18.40	18.24		
20	QPSK	100	0	18.08	18.26	18.05		
20	16QAM	1	0	18.24	18.32	18.31		
20	16QAM	1	49	18.32	18.18	18.34	19.2	0
20	16QAM	1	99	18.19	18.15	18.29		
20	16QAM	50	0	18.43	18.26	18.22		
20	16QAM	50	24	18.42	18.40	18.44	19.2	0
20	16QAM	50	50	18.41	18.28	18.43		
20	16QAM	100	0	18.34	18.48	18.33		
20	64QAM	1	0	18.32	18.28	18.44		
20	64QAM	1	49	18.34	18.25	18.45	19.2	0
20	64QAM	1	99	18.38	18.41	18.43		
20	64QAM	50	0	18.32	18.41	18.40		
20	64QAM	50	24	18.32	18.41	18.34	19.2	0
20	64QAM	50	50	18.31	18.41	18.51		
20	64QAM	100	0	18.43	18.38	18.39		
20	256QAM	1	0	18.26	18.48	18.35		
20	256QAM	1	49	18.31	18.56	18.36	19.2	0
20	256QAM	1	99	18.38	18.41	18.44		
20	256QAM	50	0	18.29	18.47	18.38		
20	256QAM	50	24	18.18	18.32	18.41	19.2	0
20	256QAM	50	50	18.28	18.37	18.43		
20	256QAM	100	0	18.35	18.39	18.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.31	18.50	18.43		
15	QPSK	1	37	18.33	18.33	18.38	19.2	0
15	QPSK	1	74	18.39	18.41	18.21		
15	QPSK	36	0	18.12	18.43	18.24		
15	QPSK	36	20	18.22	18.20	18.25	19.2	0
15	QPSK	36	39	18.20	18.31	18.17		
15	QPSK	75	0	17.98	18.25	17.95		
15	16QAM	1	0	18.20	18.14	18.29		
15	16QAM	1	37	18.14	18.15	18.22	19.2	0
15	16QAM	1	74	18.18	18.11	18.11		
15	16QAM	36	0	18.31	18.24	18.20		
15	16QAM	36	20	18.34	18.18	18.26	19.2	0
15	16QAM	36	39	18.24	18.18	18.24		
15	16QAM	75	0	18.22	18.36	18.29		
15	64QAM	1	0	18.17	18.25	18.38		
15	64QAM	1	37	18.22	18.24	18.38	19.2	0
15	64QAM	1	74	18.26	18.42	18.30		
15	64QAM	36	0	18.20	18.32	18.25		
15	64QAM	36	20	18.21	18.40	18.19	19.2	0
15	64QAM	36	39	18.16	18.32	18.39		
15	64QAM	75	0	18.32	18.23	18.33		
15	256QAM	1	0	18.17	18.38	18.21		
15	256QAM	1	37	18.20	18.47	18.24	19.2	0
15	256QAM	1	74	18.30	18.31	18.33		
15	256QAM	36	0	18.27	18.41	18.23		
15	256QAM	36	20	18.12	18.23	18.25	19.2	0
15	256QAM	36	39	18.29	18.38	18.38		
15	256QAM	75	0	18.16	18.28	18.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.20	18.43	18.29		
10	QPSK	1	25	18.42	18.32	18.36	19.2	0
10	QPSK	1	49	18.34	18.31	18.26		
10	QPSK	25	0	18.22	18.39	18.29		
10	QPSK	25	12	18.19	18.27	18.14	19.2	0
10	QPSK	25	25	18.20	18.26	18.22		
10	QPSK	50	0	18.10	18.15	18.07		
10	16QAM	1	0	18.06	18.13	18.24		
10	16QAM	1	25	18.23	18.08	18.18	19.2	0
10	16QAM	1	49	18.10	18.16	18.11		
10	16QAM	25	0	18.30	18.25	18.21		
10	16QAM	25	12	18.34	18.21	18.32	19.2	0
10	16QAM	25	25	18.31	18.19	18.33		
10	16QAM	50	0	18.16	18.40	18.33		
10	64QAM	1	0	18.29	18.28	18.33		
10	64QAM	1	25	18.18	18.30	18.33	19.2	0
10	64QAM	1	49	18.25	18.34	18.26		
10	64QAM	25	0	18.21	18.26	18.26		
10	64QAM	25	12	18.15	18.21	18.14	19.2	0
10	64QAM	25	25	18.19	18.33	18.33		
10	64QAM	50	0	18.19	18.24	18.38		
10	256QAM	1	0	18.16	18.44	18.23		
10	256QAM	1	25	18.15	18.47	18.25	19.2	0
10	256QAM	1	49	18.36	18.31	18.19		
10	256QAM	25	0	18.25	18.43	18.25		
10	256QAM	25	12	18.14	18.34	18.31	19.2	0
10	256QAM	25	25	18.23	18.22	18.39		
10	256QAM	50	0	18.24	18.31	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.40	18.28		
5	QPSK	1	12	18.29	18.44	18.35	19.2	0
5	QPSK	1	24	18.37	18.37	18.26		
5	QPSK	12	0	18.11	18.38	18.20		
5	QPSK	12	7	18.14	18.24	18.16	19.2	0
5	QPSK	12	13	18.17	18.24	18.14		
5	QPSK	25	0	18.07	18.23	17.98		
5	16QAM	1	0	18.13	18.27	18.23		
5	16QAM	1	12	18.09	18.15	18.28	19.2	0
5	16QAM	1	24	18.18	18.16	18.22		
5	16QAM	12	0	18.33	18.27	18.13		
5	16QAM	12	7	18.31	18.16	18.36	19.2	0
5	16QAM	12	13	18.23	18.20	18.24		
5	16QAM	25	0	18.24	18.38	18.31		
5	64QAM	1	0	18.22	18.15	18.38		
5	64QAM	1	12	18.19	18.19	18.30	19.2	0
5	64QAM	1	24	18.33	18.38	18.26		
5	64QAM	12	0	18.24	18.30	18.25		
5	64QAM	12	7	18.26	18.26	18.17	19.2	0
5	64QAM	12	13	18.11	18.36	18.34		
5	64QAM	25	0	18.25	18.24	18.37		
5	256QAM	1	0	18.24	18.33	18.27		
5	256QAM	1	12	18.13	18.50	18.20	19.2	0
5	256QAM	1	24	18.29	18.36	18.23		
5	256QAM	12	0	18.22	18.28	18.33		
5	256QAM	12	7	18.17	18.34	18.22	19.2	0
5	256QAM	12	13	18.24	18.20	18.33		
5	256QAM	25	0	18.24	18.29	18.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.37	18.52	18.39		
3	QPSK	1	8	18.36	18.38	18.35	19.2	0
3	QPSK	1	14	18.32	18.31	18.24		
3	QPSK	8	0	18.26	18.44	18.30		
3	QPSK	8	4	18.27	18.17	18.19	19.2	0
3	QPSK	8	7	18.22	18.31	18.08		
3	QPSK	15	0	18.02	18.17	17.95		
3	16QAM	1	0	18.17	18.19	18.28		
3	16QAM	1	8	18.16	18.18	18.16	19.2	0
3	16QAM	1	14	18.15	18.09	18.11		
3	16QAM	8	0	18.19	18.20	18.22		
3	16QAM	8	4	18.29	18.29	18.32	19.2	0
3	16QAM	8	7	18.28	18.19	18.22		
3	16QAM	15	0	18.15	18.32	18.25		
3	64QAM	1	0	18.30	18.22	18.25		
3	64QAM	1	8	18.17	18.23	18.30	19.2	0
3	64QAM	1	14	18.19	18.30	18.35		
3	64QAM	8	0	18.30	18.27	18.30		
3	64QAM	8	4	18.22	18.27	18.18	19.2	0
3	64QAM	8	7	18.22	18.35	18.30		
3	64QAM	15	0	18.26	18.36	18.33		
3	256QAM	1	0	18.28	18.36	18.30		
3	256QAM	1	8	18.12	18.41	18.34	19.2	0
3	256QAM	1	14	18.26	18.25	18.27		
3	256QAM	8	0	18.30	18.38	18.34		
3	256QAM	8	4	18.12	18.22	18.31	19.2	0
3	256QAM	8	7	18.21	18.31	18.29		
3	256QAM	15	0	18.15	18.27	18.26		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.40	18.44	18.32		
1.4	QPSK	1	3	18.38	18.32	18.32		
1.4	QPSK	1	5	18.26	18.41	18.32	19.2	0
1.4	QPSK	3	0	18.24	18.32	18.19		
1.4	QPSK	3	1	18.14	18.24	18.15		
1.4	QPSK	3	3	18.19	18.21	18.12		
1.4	QPSK	6	0	18.01	18.15	18.04	19.2	0
1.4	16QAM	1	0	18.14	18.18	18.28		
1.4	16QAM	1	3	18.11	18.14	18.16		
1.4	16QAM	1	5	18.06	18.09	18.20	19.2	0
1.4	16QAM	3	0	18.18	18.15	18.27		
1.4	16QAM	3	1	18.28	18.23	18.32		
1.4	16QAM	3	3	18.32	18.16	18.22		
1.4	16QAM	6	0	18.10	18.40	18.32	19.2	0
1.4	64QAM	1	0	18.17	18.31	18.35		
1.4	64QAM	1	3	18.16	18.17	18.37		
1.4	64QAM	1	5	18.29	18.35	18.25	19.2	0
1.4	64QAM	3	0	18.31	18.39	18.17		
1.4	64QAM	3	1	18.23	18.33	18.16		
1.4	64QAM	3	3	18.12	18.28	18.40		
1.4	64QAM	6	0	18.32	18.24	18.33	19.2	0
1.4	256QAM	1	0	18.19	18.29	18.17		
1.4	256QAM	1	3	18.10	18.40	18.30		
1.4	256QAM	1	5	18.29	18.29	18.23	19.2	0
1.4	256QAM	3	0	18.23	18.34	18.25		
1.4	256QAM	3	1	18.08	18.37	18.34		
1.4	256QAM	3	3	18.23	18.20	18.35		
1.4	256QAM	6	0	18.28	18.27	18.31	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.71	20.62	21.2	0
20	QPSK	1	49	20.61	20.69	20.56		
20	QPSK	1	99	20.54	20.55	20.58		
20	QPSK	50	0	20.61	20.67	20.58		
20	QPSK	50	24	20.46	20.52	20.35		
20	QPSK	50	50	20.46	20.43	20.32		
20	QPSK	100	0	20.55	20.57	20.54		
20	16QAM	1	0	20.39	20.45	20.51		
20	16QAM	1	49	20.42	20.41	20.46		
20	16QAM	1	99	20.31	20.38	20.30		
20	16QAM	50	0	20.52	20.50	20.42		
20	16QAM	50	24	20.53	20.44	20.63		
20	16QAM	50	50	20.53	20.46	20.53		
20	16QAM	100	0	20.32	20.56	20.57		
20	64QAM	1	0	20.46	20.42	20.54		
20	64QAM	1	49	20.50	20.50	20.59		
20	64QAM	1	99	20.52	20.66	20.51		
20	64QAM	50	0	20.46	20.56	20.53		
20	64QAM	50	24	20.38	20.43	20.46		
20	64QAM	50	50	20.40	20.58	20.66		
20	64QAM	100	0	20.51	20.45	20.47		
20	256QAM	1	0	20.04	20.25	20.00		
20	256QAM	1	49	19.98	20.04	19.93		
20	256QAM	1	99	19.96	20.01	19.94		
20	256QAM	50	0	20.17	20.11	20.08		
20	256QAM	50	24	20.16	20.17	20.02		
20	256QAM	50	50	20.07	20.20	20.07		
20	256QAM	100	0	20.18	20.27	20.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.51	20.59	20.55		
15	QPSK	1	37	20.47	20.50	20.53	21.2	0
15	QPSK	1	74	20.38	20.45	20.33		
15	QPSK	36	0	20.32	20.55	20.36		
15	QPSK	36	20	20.25	20.41	20.34		
15	QPSK	36	39	20.31	20.44	20.32	21.2	0
15	QPSK	75	0	20.16	20.28	20.14		
15	16QAM	1	0	20.31	20.29	20.37		
15	16QAM	1	37	20.31	20.24	20.25	21.2	0
15	16QAM	1	74	20.23	20.19	20.27		
15	16QAM	36	0	20.36	20.36	20.31		
15	16QAM	36	20	20.42	20.32	20.48	21.2	0
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.35	20.48	20.48		
15	64QAM	1	0	20.30	20.41	20.46		
15	64QAM	1	37	20.39	20.30	20.37	21.2	0
15	64QAM	1	74	20.40	20.52	20.40		
15	64QAM	36	0	20.39	20.43	20.32		
15	64QAM	36	20	20.32	20.33	20.33	21.2	0
15	64QAM	36	39	20.26	20.52	20.42		
15	64QAM	75	0	20.43	20.43	20.45		
15	256QAM	1	0	19.92	20.19	19.95		
15	256QAM	1	37	19.90	19.97	19.75	20.7	0.5
15	256QAM	1	74	19.93	19.98	19.78		
15	256QAM	36	0	20.06	20.09	19.99		
15	256QAM	36	20	20.08	20.08	19.85	20.7	0.5
15	256QAM	36	39	19.95	20.16	19.92		
15	256QAM	75	0	20.14	20.23	20.06		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.43	20.54	20.48		
10	QPSK	1	25	20.42	20.53	20.49	21.2	0
10	QPSK	1	49	20.45	20.40	20.47		
10	QPSK	25	0	20.30	20.56	20.34		
10	QPSK	25	12	20.37	20.33	20.35	21.2	0
10	QPSK	25	25	20.25	20.30	20.30		
10	QPSK	50	0	20.16	20.33	20.07		
10	16QAM	1	0	20.20	20.27	20.41		
10	16QAM	1	25	20.29	20.22	20.40	21.2	0
10	16QAM	1	49	20.23	20.32	20.29		
10	16QAM	25	0	20.31	20.38	20.36		
10	16QAM	25	12	20.44	20.38	20.50	21.2	0
10	16QAM	25	25	20.47	20.29	20.45		
10	16QAM	50	0	20.27	20.47	20.49		
10	64QAM	1	0	20.32	20.30	20.38		
10	64QAM	1	25	20.25	20.42	20.37	21.2	0
10	64QAM	1	49	20.33	20.53	20.39		
10	64QAM	25	0	20.37	20.37	20.28		
10	64QAM	25	12	20.26	20.33	20.31	21.2	0
10	64QAM	25	25	20.36	20.51	20.40		
10	64QAM	50	0	20.32	20.46	20.47		
10	256QAM	1	0	19.93	20.08	19.93		
10	256QAM	1	25	19.88	19.92	19.81	20.7	0.5
10	256QAM	1	49	19.91	19.98	19.84		
10	256QAM	25	0	20.04	20.01	20.04		
10	256QAM	25	12	20.09	20.06	19.88	20.7	0.5
10	256QAM	25	25	19.97	20.03	19.94		
10	256QAM	50	0	20.11	20.22	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.45	20.60	20.49		
5	QPSK	1	12	20.47	20.53	20.53	21.2	0
5	QPSK	1	24	20.39	20.42	20.39		
5	QPSK	12	0	20.30	20.44	20.30		
5	QPSK	12	7	20.30	20.32	20.28	21.2	0
5	QPSK	12	13	20.29	20.35	20.25		
5	QPSK	25	0	20.15	20.38	20.09		
5	16QAM	1	0	20.23	20.27	20.40		
5	16QAM	1	12	20.20	20.27	20.28	21.2	0
5	16QAM	1	24	20.31	20.29	20.29		
5	16QAM	12	0	20.45	20.35	20.33		
5	16QAM	12	7	20.38	20.36	20.40	21.2	0
5	16QAM	12	13	20.44	20.27	20.40		
5	16QAM	25	0	20.26	20.51	20.47		
5	64QAM	1	0	20.30	20.36	20.41		
5	64QAM	1	12	20.26	20.28	20.48	21.2	0
5	64QAM	1	24	20.41	20.57	20.45		
5	64QAM	12	0	20.39	20.36	20.40		
5	64QAM	12	7	20.36	20.38	20.39	21.2	0
5	64QAM	12	13	20.28	20.51	20.55		
5	64QAM	25	0	20.34	20.37	20.51		
5	256QAM	1	0	19.91	20.08	19.82		
5	256QAM	1	12	19.95	19.94	19.85	20.7	0.5
5	256QAM	1	24	19.93	19.90	19.78		
5	256QAM	12	0	20.08	20.00	19.91		
5	256QAM	12	7	19.98	20.06	19.91	20.7	0.5
5	256QAM	12	13	19.96	20.02	19.94		
5	256QAM	25	0	20.05	20.15	19.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.13	20.19	20.26	20.11	20.05	20.7	0
20	QPSK	1	49	20.06	20.01	20.09	20.21	20.11		
20	QPSK	1	99	20.13	20.12	20.06	20.05	20.22		
20	QPSK	50	0	20.17	20.16	20.23	20.14	20.06		
20	QPSK	50	24	19.98	20.08	20.11	19.99	19.91		
20	QPSK	50	50	20.04	19.90	19.92	20.16	19.93		
20	QPSK	100	0	20.09	20.02	20.19	19.99	20.06		
20	16QAM	1	0	20.02	20.10	20.09	19.91	19.91		
20	16QAM	1	49	19.96	19.88	20.00	20.06	20.00		
20	16QAM	1	99	19.92	20.05	19.84	19.95	20.00		
20	16QAM	50	0	20.10	20.17	20.21	19.96	19.90		
20	16QAM	50	24	19.91	19.93	19.93	20.10	20.09		
20	16QAM	50	50	20.05	20.05	19.93	20.00	20.16		
20	16QAM	100	0	20.00	20.10	20.10	20.08	19.94		
20	64QAM	1	0	19.79	19.91	19.96	19.85	19.77		
20	64QAM	1	49	20.11	20.06	19.95	20.00	20.09		
20	64QAM	1	99	20.07	20.07	20.12	20.05	19.98		
20	64QAM	50	0	19.99	19.94	19.95	20.18	19.95		
20	64QAM	50	24	20.05	20.02	19.98	19.90	20.11		
20	64QAM	50	50	20.01	20.01	20.19	20.08	20.01		
20	64QAM	100	0	19.95	19.85	19.99	20.15	20.03		
20	256QAM	1	0	20.01	19.96	19.91	19.97	20.13		
20	256QAM	1	49	20.09	20.12	20.19	20.01	19.90		
20	256QAM	1	99	19.93	19.88	19.92	20.08	19.95		
20	256QAM	50	0	20.10	20.02	19.98	20.02	20.12		
20	256QAM	50	24	20.06	20.07	20.15	20.00	19.90		
20	256QAM	50	50	19.93	19.85	19.95	20.15	20.04		
20	256QAM	100	0	20.02	19.95	20.00	19.93	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.06	20.09	20.14	19.95	19.89	21	0
15	QPSK	1	37	19.93	19.98	20.04	20.15	19.98		
15	QPSK	1	74	20.01	19.98	19.89	19.96	20.18		
15	QPSK	36	0	20.10	20.04	20.13	20.00	20.02		
15	QPSK	36	20	19.91	19.95	20.01	19.92	19.82	20.7	0
15	QPSK	36	39	19.88	19.82	19.89	20.03	19.87		
15	QPSK	75	0	20.01	19.88	20.06	19.85	19.99		
15	16QAM	1	0	19.88	20.00	19.98	19.80	19.82		
15	16QAM	1	37	19.81	19.85	19.90	20.02	19.93	20.7	0
15	16QAM	1	74	19.85	20.01	19.69	19.89	19.97		
15	16QAM	36	0	19.92	20.12	20.06	19.85	19.88		
15	16QAM	36	20	19.79	19.90	19.91	19.95	19.98	20.7	0
15	16QAM	36	39	20.01	19.87	19.78	19.97	19.99		
15	16QAM	75	0	19.92	20.00	20.00	20.06	19.87		
15	64QAM	1	0	19.72	19.83	19.85	19.69	19.60		
15	64QAM	1	37	20.08	19.99	19.92	19.93	20.05	20.7	0
15	64QAM	1	74	20.00	20.04	20.04	20.02	19.94		
15	64QAM	36	0	19.88	19.82	19.84	20.03	19.84		
15	64QAM	36	20	19.89	19.86	19.90	19.87	20.02	20.7	0
15	64QAM	36	39	19.91	19.84	20.05	19.98	19.93		
15	64QAM	75	0	19.78	19.69	19.92	20.12	19.89		
15	256QAM	1	0	19.97	19.91	19.84	19.89	19.96		
15	256QAM	1	37	19.98	19.96	20.14	19.97	19.81	20.7	0
15	256QAM	1	74	19.90	19.77	19.83	20.02	19.90		
15	256QAM	36	0	20.00	19.89	19.95	19.98	20.00		
15	256QAM	36	20	19.91	19.92	20.03	19.93	19.77	20.7	0
15	256QAM	36	39	19.83	19.76	19.79	19.98	19.94		
15	256QAM	75	0	19.86	19.79	19.90	19.91	20.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.08	20.13	20.05	20.03	19.94	21	0
10	QPSK	1	25	19.94	19.95	19.96	20.09	20.00		
10	QPSK	1	49	19.95	19.97	19.89	20.00	20.13		
10	QPSK	25	0	19.95	20.11	20.10	20.04	19.91	20.7	0
10	QPSK	25	12	19.86	19.97	20.01	19.79	19.75		
10	QPSK	25	25	19.92	19.70	19.83	20.02	19.84		
10	QPSK	50	0	19.87	19.81	20.15	19.96	20.00		
10	16QAM	1	0	19.96	19.99	19.91	19.81	19.88		
10	16QAM	1	25	19.75	19.85	19.78	19.98	19.92	20.7	0
10	16QAM	1	49	19.73	19.91	19.77	19.77	19.89		
10	16QAM	25	0	20.07	20.03	20.11	19.80	19.83		
10	16QAM	25	12	19.76	19.90	19.76	20.01	20.05	20.7	0
10	16QAM	25	25	19.85	19.88	19.90	19.85	20.05		
10	16QAM	50	0	19.79	20.07	19.91	20.00	19.86		
10	64QAM	1	0	19.66	19.84	19.76	19.66	19.73		
10	64QAM	1	25	19.90	19.88	19.89	19.88	19.94	20.7	0
10	64QAM	1	49	19.95	19.87	19.98	19.90	19.95		
10	64QAM	25	0	19.82	19.86	19.87	20.04	19.81		
10	64QAM	25	12	19.84	19.84	19.77	19.70	20.06	20.7	0
10	64QAM	25	25	19.80	19.96	20.16	19.91	19.80		
10	64QAM	50	0	19.80	19.71	19.89	20.10	20.00		
10	256QAM	1	0	19.90	19.91	19.73	19.83	20.04	20.7	0
10	256QAM	1	25	19.95	19.92	20.09	19.89	19.80		
10	256QAM	1	49	19.80	19.68	19.71	19.96	19.74		
10	256QAM	25	0	20.01	19.95	19.82	19.90	20.06	20.7	0
10	256QAM	25	12	19.87	19.92	20.00	19.90	19.71		
10	256QAM	25	25	19.73	19.75	19.81	20.03	19.87		
10	256QAM	50	0	19.91	19.90	19.95	19.88	19.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.98	20.00	20.07	19.94	19.95	21	0
5	QPSK	1	12	20.00	19.85	19.93	20.12	20.02		
5	QPSK	1	24	20.04	20.08	19.97	19.97	20.02		
5	QPSK	12	0	20.09	20.13	20.03	20.04	20.02		
5	QPSK	12	7	19.84	19.97	19.90	19.95	19.70	20.7	0
5	QPSK	12	13	19.98	19.83	19.77	20.01	19.85		
5	QPSK	25	0	19.87	19.97	19.99	19.83	19.90		
5	16QAM	1	0	19.84	19.97	19.96	19.70	19.86		
5	16QAM	1	12	19.93	19.74	19.97	20.03	19.92	20.7	0
5	16QAM	1	24	19.71	19.95	19.79	19.85	19.95		
5	16QAM	12	0	19.92	20.05	20.06	19.79	19.77		
5	16QAM	12	7	19.79	19.83	19.73	20.00	19.91	20.7	0
5	16QAM	12	13	19.90	19.89	19.79	19.97	20.04		
5	16QAM	25	0	19.91	19.97	20.05	20.02	19.79		
5	64QAM	1	0	19.75	19.87	19.86	19.77	19.62		
5	64QAM	1	12	20.04	19.90	19.93	19.97	19.96	20.7	0
5	64QAM	1	24	19.90	20.00	20.00	19.86	19.91		
5	64QAM	12	0	19.93	19.75	19.88	20.07	19.76		
5	64QAM	12	7	19.95	19.90	19.83	19.87	20.00	20.7	0
5	64QAM	12	13	19.83	19.94	20.10	20.04	19.91		
5	64QAM	25	0	19.84	19.75	19.79	19.93	19.92		
5	256QAM	1	0	19.94	19.85	19.78	19.88	20.08	20.7	0
5	256QAM	1	12	19.96	19.90	20.06	19.94	19.71		
5	256QAM	1	24	19.79	19.74	19.88	19.88	19.80		
5	256QAM	12	0	20.01	19.97	19.80	19.97	19.92		
5	256QAM	12	7	19.85	19.90	20.06	19.85	19.70	20.7	0
5	256QAM	12	13	19.83	19.71	19.90	20.12	19.98		
5	256QAM	25	0	19.81	19.77	19.98	19.78	19.99		

GSM1900 ECIS

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.73	26.78	26.74	28.00	17.73	17.78	17.74	19.00
GPRS 1 Tx slot	26.71	26.77	26.72	28.00	17.71	17.77	17.72	19.00
GPRS 2 Tx slots	23.85	23.88	23.86	25.00	17.85	17.88	17.86	19.00
GPRS 3 Tx slots	22.00	21.94	21.95	23.20	17.74	17.68	17.69	18.94
GPRS 4 Tx slots	20.70	20.79	20.73	22.00	17.70	17.79	17.73	19.00
EDGE 1 Tx slot	26.09	26.12	26.05	27.00	17.09	17.12	17.05	18.00
EDGE 2 Tx slots	23.67	23.76	23.70	24.00	17.67	17.76	17.70	18.00
EDGE 3 Tx slots	20.61	20.79	20.61	22.20	16.35	16.53	16.35	17.94
EDGE 4 Tx slots	20.32	20.37	20.23	21.00	17.32	17.37	17.23	18.00

WCDMA II ECIS

WCDMA IV ECIS

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.51	17.54	17.47	18.50	16.41	16.46	16.35	17.50
3GPP Rel 99	RMC 12.2Kbps	17.52	17.56	17.49	18.50	16.43	16.47	16.36	17.50
3GPP Rel 6	HSDPA Subtest-1	16.18	16.61	16.55	17.50	15.20	15.26	15.50	16.50
3GPP Rel 6	HSDPA Subtest-2	16.45	16.36	16.15	17.50	15.30	15.30	15.17	16.50
3GPP Rel 6	HSDPA Subtest-3	15.81	15.90	15.95	17.00	14.82	14.65	14.84	16.00
3GPP Rel 6	HSDPA Subtest-4	15.71	16.12	15.84	17.00	14.91	14.78	14.86	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.23	16.50	16.34	17.50	15.12	15.23	15.47	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.43	16.38	16.33	17.50	15.37	15.22	15.07	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.77	15.98	15.67	17.00	14.69	14.86	14.86	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.78	15.85	15.95	17.00	14.83	14.63	14.89	16.00
3GPP Rel 6	HSUPA Subtest-1	16.03	16.48	16.31	17.50	15.31	15.30	15.33	16.50
3GPP Rel 6	HSUPA Subtest-2	14.26	14.49	14.43	15.50	13.33	13.51	13.44	14.50
3GPP Rel 6	HSUPA Subtest-3	15.41	15.48	15.31	16.50	14.39	14.71	14.46	15.50
3GPP Rel 6	HSUPA Subtest-4	14.14	14.20	14.47	15.50	13.27	13.43	13.24	14.50
3GPP Rel 6	HSUPA Subtest-5	16.29	16.40	16.26	17.50	15.00	15.48	15.31	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.96	14.04	13.84	15.00	13.00	13.04	12.79	14.00

Band 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.21	16.37	16.32	17.7	0
20	QPSK	1	49	16.25	16.26	16.22		
20	QPSK	1	99	16.27	16.24	16.28		
20	QPSK	50	0	16.16	16.32	16.20	17.7	0
20	QPSK	50	24	16.13	16.08	16.12		
20	QPSK	50	50	16.07	16.17	16.11		
20	QPSK	100	0	15.95	16.06	15.95		
20	16QAM	1	0	16.02	16.16	16.13	17.7	0
20	16QAM	1	49	16.13	16.05	16.06		
20	16QAM	1	99	16.07	15.97	16.05		
20	16QAM	50	0	16.18	16.05	16.09	17.7	0
20	16QAM	50	24	16.17	16.12	16.17		
20	16QAM	50	50	16.18	16.10	16.14		
20	16QAM	100	0	16.15	16.26	16.24		
20	64QAM	1	0	16.13	16.17	16.29	17.7	0
20	64QAM	1	49	16.08	16.20	16.21		
20	64QAM	1	99	16.21	16.24	16.27		
20	64QAM	50	0	16.15	16.30	16.12	17.7	0
20	64QAM	50	24	16.10	16.12	16.11		
20	64QAM	50	50	16.13	16.24	16.32		
20	64QAM	100	0	16.22	16.21	16.22		
20	256QAM	1	0	16.12	16.26	16.12	17.7	0
20	256QAM	1	49	15.99	16.29	16.22		
20	256QAM	1	99	16.29	16.15	16.11		
20	256QAM	50	0	16.09	16.34	16.15	17.7	0
20	256QAM	50	24	16.00	16.21	16.23		
20	256QAM	50	50	16.21	16.11	16.15		
20	256QAM	100	0	16.17	16.25	16.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.07	16.32	16.25	17.7	0
15	QPSK	1	37	16.23	16.21	16.13		
15	QPSK	1	74	16.14	16.19	16.11		
15	QPSK	36	0	16.00	16.19	16.13	17.7	0
15	QPSK	36	20	15.99	16.13	15.99		
15	QPSK	36	39	16.01	16.08	15.94		
15	QPSK	75	0	15.81	16.06	15.91		
15	16QAM	1	0	15.89	16.06	16.10	17.7	0
15	16QAM	1	37	15.96	15.89	15.96		
15	16QAM	1	74	15.90	15.92	15.95		
15	16QAM	36	0	16.09	16.06	16.06	17.7	0
15	16QAM	36	20	16.15	15.97	16.16		
15	16QAM	36	39	16.10	16.04	16.13		
15	16QAM	75	0	16.00	16.15	16.12		
15	64QAM	1	0	15.98	15.98	16.06	17.7	0
15	64QAM	1	37	15.96	15.99	16.14		
15	64QAM	1	74	16.10	16.14	16.03		
15	64QAM	36	0	16.03	16.18	15.98	17.7	0
15	64QAM	36	20	16.03	16.16	15.96		
15	64QAM	36	39	15.96	16.24	16.18		
15	64QAM	75	0	16.03	16.12	16.13		
15	256QAM	1	0	16.05	16.11	16.08	17.7	0
15	256QAM	1	37	15.92	16.23	16.11		
15	256QAM	1	74	16.06	16.11	16.17		
15	256QAM	36	0	16.10	16.21	16.13	17.7	0
15	256QAM	36	20	15.99	16.19	16.06		
15	256QAM	36	39	16.12	16.05	16.15		
15	256QAM	75	0	15.96	16.06	16.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.12	16.29	16.10	17.7	0
10	QPSK	1	25	16.18	16.14	16.17		
10	QPSK	1	49	16.20	16.13	16.05		
10	QPSK	25	0	16.06	16.16	15.99	17.7	0
10	QPSK	25	12	15.98	16.11	15.96		
10	QPSK	25	25	16.03	16.07	16.02		
10	QPSK	50	0	15.90	16.06	15.78		
10	16QAM	1	0	15.89	16.08	16.12	17.7	0
10	16QAM	1	25	16.01	15.90	16.05		
10	16QAM	1	49	15.87	15.91	16.05		
10	16QAM	25	0	16.01	15.99	15.95	17.7	0
10	16QAM	25	12	16.09	16.06	16.22		
10	16QAM	25	25	16.07	16.02	16.12		
10	16QAM	50	0	16.05	16.19	16.16		
10	64QAM	1	0	16.04	16.02	16.16	17.7	0
10	64QAM	1	25	16.08	15.98	16.19		
10	64QAM	1	49	16.08	16.18	16.07		
10	64QAM	25	0	16.07	16.06	16.02	17.7	0
10	64QAM	25	12	15.96	16.15	15.98		
10	64QAM	25	25	15.95	16.12	16.21		
10	64QAM	50	0	16.07	16.15	16.13		
10	256QAM	1	0	16.09	16.19	16.10	17.7	0
10	256QAM	1	25	15.93	16.24	16.12		
10	256QAM	1	49	16.10	16.18	16.13		
10	256QAM	25	0	16.00	16.10	16.16	17.7	0
10	256QAM	25	12	15.91	16.05	16.10		
10	256QAM	25	25	16.05	16.12	16.15		
10	256QAM	50	0	16.07	16.06	16.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.19	16.23	16.23	17.7	0
5	QPSK	1	12	16.14	16.27	16.12		
5	QPSK	1	24	16.18	16.20	16.14		
5	QPSK	12	0	15.98	16.24	16.06	17.7	0
5	QPSK	12	7	16.05	16.00	15.93		
5	QPSK	12	13	15.95	16.12	16.02		
5	QPSK	25	0	15.86	15.97	15.91		
5	16QAM	1	0	15.90	16.08	16.12	17.7	0
5	16QAM	1	12	16.00	15.99	15.99		
5	16QAM	1	24	15.98	15.97	15.96		
5	16QAM	12	0	16.14	16.04	16.03	17.7	0
5	16QAM	12	7	16.13	16.04	16.23		
5	16QAM	12	13	16.09	16.02	16.09		
5	16QAM	25	0	15.97	16.10	16.18		
5	64QAM	1	0	16.08	16.00	16.18	17.7	0
5	64QAM	1	12	16.08	15.99	16.12		
5	64QAM	1	24	16.10	16.22	16.13		
5	64QAM	12	0	16.13	16.14	15.98	17.7	0
5	64QAM	12	7	16.02	16.07	15.97		
5	64QAM	12	13	16.01	16.14	16.21		
5	64QAM	25	0	16.10	16.15	16.12		
5	256QAM	1	0	16.04	16.18	16.05	17.7	0
5	256QAM	1	12	16.05	16.25	16.00		
5	256QAM	1	24	16.07	16.05	16.12		
5	256QAM	12	0	16.04	16.16	16.16	17.7	0
5	256QAM	12	7	15.92	16.16	16.14		
5	256QAM	12	13	16.10	16.06	16.09		
5	256QAM	25	0	16.02	16.06	16.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.16	16.32	16.12	17.7	0
3	QPSK	1	8	16.17	16.24	16.22		
3	QPSK	1	14	16.21	16.08	16.09		
3	QPSK	8	0	16.08	16.22	16.08	17.7	0
3	QPSK	8	4	16.06	16.00	15.98		
3	QPSK	8	7	15.99	16.11	16.04		
3	QPSK	15	0	15.88	15.96	15.82		
3	16QAM	1	0	16.00	15.97	16.08	17.7	0
3	16QAM	1	8	16.01	15.96	16.05		
3	16QAM	1	14	15.99	15.89	15.98		
3	16QAM	8	0	16.10	16.08	16.08	17.7	0
3	16QAM	8	4	16.09	16.11	16.11		
3	16QAM	8	7	16.16	15.99	16.02		
3	16QAM	15	0	15.99	16.23	16.08		
3	64QAM	1	0	16.08	16.11	16.18	17.7	0
3	64QAM	1	8	16.09	15.96	16.06		
3	64QAM	1	14	16.14	16.23	16.04		
3	64QAM	8	0	16.07	16.12	15.99	17.7	0
3	64QAM	8	4	16.04	16.10	16.04		
3	64QAM	8	7	16.08	16.20	16.19		
3	64QAM	15	0	16.11	16.09	16.21		
3	256QAM	1	0	16.12	16.16	16.03	17.7	0
3	256QAM	1	8	16.00	16.26	16.04		
3	256QAM	1	14	16.11	16.10	16.16		
3	256QAM	8	0	16.01	16.18	16.04	17.7	0
3	256QAM	8	4	15.90	16.15	16.14		
3	256QAM	8	7	15.96	16.15	16.17		
3	256QAM	15	0	16.10	16.10	16.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.08	16.21	16.21	17.7	0
1.4	QPSK	1	3	16.22	16.13	16.26		
1.4	QPSK	1	5	16.21	16.10	16.05		
1.4	QPSK	3	0	16.06	16.11	16.12		
1.4	QPSK	3	1	16.06	16.02	15.97		
1.4	QPSK	3	3	15.96	16.05	15.90		
1.4	QPSK	6	0	15.81	16.08	15.82	17.7	0
1.4	16QAM	1	0	15.97	15.95	16.13	17.7	0
1.4	16QAM	1	3	15.96	15.92	16.07		
1.4	16QAM	1	5	15.99	15.94	15.97		
1.4	16QAM	3	0	16.12	16.01	16.08		
1.4	16QAM	3	1	16.05	16.04	16.12		
1.4	16QAM	3	3	16.03	15.98	16.02		
1.4	16QAM	6	0	16.05	16.20	16.06	17.7	0
1.4	64QAM	1	0	16.12	16.08	16.17	17.7	0
1.4	64QAM	1	3	16.07	15.99	16.06		
1.4	64QAM	1	5	16.06	16.19	16.04		
1.4	64QAM	3	0	16.18	16.09	15.98		
1.4	64QAM	3	1	15.98	16.15	15.95		
1.4	64QAM	3	3	16.03	16.23	16.25		
1.4	64QAM	6	0	16.09	16.14	16.08	17.7	0
1.4	256QAM	1	0	16.06	16.24	16.00	17.7	0
1.4	256QAM	1	3	15.95	16.29	16.10		
1.4	256QAM	1	5	16.17	16.10	16.13		
1.4	256QAM	3	0	16.08	16.15	16.08		
1.4	256QAM	3	1	15.96	16.07	16.16		
1.4	256QAM	3	3	16.04	16.04	16.20		
1.4	256QAM	6	0	15.98	16.13	16.17	17.7	0

Band 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.15	17.31	17.25	18.2	0
20	QPSK	1	49	17.29	17.30	17.14		
20	QPSK	1	99	17.21	17.20	17.09		
20	QPSK	50	0	16.99	17.29	17.12	18.2	0
20	QPSK	50	24	17.07	17.08	17.04		
20	QPSK	50	50	17.03	17.09	17.06		
20	QPSK	100	0	16.97	16.98	16.89		
20	16QAM	1	0	16.92	17.04	17.13	18.2	0
20	16QAM	1	49	17.03	17.05	17.07		
20	16QAM	1	99	17.03	16.92	16.99		
20	16QAM	50	0	17.17	16.99	16.97	18.2	0
20	16QAM	50	24	17.16	16.99	17.13		
20	16QAM	50	50	17.09	17.04	17.19		
20	16QAM	100	0	17.06	17.15	17.18		
20	64QAM	1	0	17.04	17.07	17.11	18.2	0
20	64QAM	1	49	17.10	17.09	17.22		
20	64QAM	1	99	17.15	17.16	17.05		
20	64QAM	50	0	17.10	17.08	17.01	18.2	0
20	64QAM	50	24	16.99	17.07	17.06		
20	64QAM	50	50	17.07	17.13	17.29		
20	64QAM	100	0	17.12	17.23	17.24		
20	256QAM	1	0	17.12	17.13	17.09	18.2	0
20	256QAM	1	49	16.95	17.31	17.09		
20	256QAM	1	99	17.13	17.20	17.15		
20	256QAM	50	0	17.04	17.16	17.14	18.2	0
20	256QAM	50	24	17.03	17.14	17.12		
20	256QAM	50	50	17.01	17.11	17.20		
20	256QAM	100	0	17.11	17.09	17.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.02	17.25	17.18	18.2	0
15	QPSK	1	37	17.16	17.06	17.04		
15	QPSK	1	74	16.98	17.16	17.08		
15	QPSK	36	0	17.01	17.09	17.02	18.2	0
15	QPSK	36	20	17.01	16.97	16.85		
15	QPSK	36	39	16.86	17.01	16.94		
15	QPSK	75	0	16.84	16.95	16.84		
15	16QAM	1	0	16.90	16.88	17.02	18.2	0
15	16QAM	1	37	16.92	16.93	16.93		
15	16QAM	1	74	16.81	16.92	16.84		
15	16QAM	36	0	17.05	16.96	16.99	18.2	0
15	16QAM	36	20	16.97	16.89	17.02		
15	16QAM	36	39	17.11	17.00	16.99		
15	16QAM	75	0	16.92	17.12	16.97		
15	64QAM	1	0	17.06	16.94	17.04	18.2	0
15	64QAM	1	37	16.94	17.00	17.12		
15	64QAM	1	74	17.07	17.10	17.08		
15	64QAM	36	0	17.01	17.03	16.97	18.2	0
15	64QAM	36	20	16.92	17.06	16.96		
15	64QAM	36	39	16.98	17.15	17.05		
15	64QAM	75	0	16.98	17.12	17.05		
15	256QAM	1	0	16.96	17.10	17.05	18.2	0
15	256QAM	1	37	16.95	17.25	17.02		
15	256QAM	1	74	17.10	16.98	17.01		
15	256QAM	36	0	17.02	17.11	17.08	18.2	0
15	256QAM	36	20	16.90	17.00	17.07		
15	256QAM	36	39	16.92	16.98	16.99		
15	256QAM	75	0	17.00	16.97	17.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.09	17.28	17.17	18.2	0
10	QPSK	1	25	17.05	17.19	17.12		
10	QPSK	1	49	17.05	17.04	17.06		
10	QPSK	25	0	16.91	17.09	17.03	18.2	0
10	QPSK	25	12	17.01	17.03	16.91		
10	QPSK	25	25	16.90	16.97	16.85		
10	QPSK	50	0	16.77	16.92	16.78		
10	16QAM	1	0	16.86	16.99	17.04	18.2	0
10	16QAM	1	25	16.95	16.95	17.01		
10	16QAM	1	49	16.93	16.85	16.90		
10	16QAM	25	0	17.07	16.98	17.02	18.2	0
10	16QAM	25	12	17.08	17.04	17.02		
10	16QAM	25	25	17.09	16.96	17.05		
10	16QAM	50	0	16.84	17.12	17.01		
10	64QAM	1	0	17.04	17.02	17.02	18.2	0
10	64QAM	1	25	16.96	17.05	17.05		
10	64QAM	1	49	17.05	17.12	16.96		
10	64QAM	25	0	16.99	17.08	17.05	18.2	0
10	64QAM	25	12	16.94	17.07	16.88		
10	64QAM	25	25	16.91	17.02	17.12		
10	64QAM	50	0	17.04	17.01	17.01		
10	256QAM	1	0	16.97	17.15	17.04	18.2	0
10	256QAM	1	25	16.90	17.20	17.01		
10	256QAM	1	49	17.11	17.07	16.96		
10	256QAM	25	0	16.95	17.03	17.00	18.2	0
10	256QAM	25	12	16.83	17.00	17.03		
10	256QAM	25	25	17.02	16.95	16.98		
10	256QAM	50	0	16.90	17.09	17.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.03	17.18	17.11	18.2	0
5	QPSK	1	12	17.08	17.11	17.18		
5	QPSK	1	24	17.05	17.11	17.01		
5	QPSK	12	0	16.87	17.03	16.90	18.2	0
5	QPSK	12	7	16.97	16.97	16.96		
5	QPSK	12	13	16.97	17.04	16.97		
5	QPSK	25	0	16.82	17.01	16.81		
5	16QAM	1	0	16.89	16.88	16.97	18.2	0
5	16QAM	1	12	16.92	16.96	16.91		
5	16QAM	1	24	16.81	16.82	16.87		
5	16QAM	12	0	16.93	16.90	16.97	18.2	0
5	16QAM	12	7	17.03	17.02	17.02		
5	16QAM	12	13	16.97	16.98	16.96		
5	16QAM	25	0	17.00	17.12	17.05		
5	64QAM	1	0	17.01	17.01	17.10	18.2	0
5	64QAM	1	12	17.01	16.89	17.07		
5	64QAM	1	24	16.92	17.20	17.11		
5	64QAM	12	0	16.98	17.09	17.05	18.2	0
5	64QAM	12	7	16.89	17.06	17.00		
5	64QAM	12	13	16.90	17.05	17.12		
5	64QAM	25	0	16.94	17.00	17.07		
5	256QAM	1	0	17.00	17.05	16.93	18.2	0
5	256QAM	1	12	16.94	17.11	17.06		
5	256QAM	1	24	17.00	16.99	16.98		
5	256QAM	12	0	17.06	17.03	17.09	18.2	0
5	256QAM	12	7	16.98	16.99	17.05		
5	256QAM	12	13	16.95	17.05	17.04		
5	256QAM	25	0	16.95	17.01	17.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.01	17.21	17.14	18.2	0
3	QPSK	1	8	17.15	17.18	17.19		
3	QPSK	1	14	17.12	17.07	17.07		
3	QPSK	8	0	16.95	17.07	17.02	18.2	0
3	QPSK	8	4	16.93	17.02	16.86		
3	QPSK	8	7	16.94	17.06	16.90		
3	QPSK	15	0	16.80	16.99	16.80		
3	16QAM	1	0	16.86	16.88	16.97	18.2	0
3	16QAM	1	8	16.91	16.91	16.94		
3	16QAM	1	14	16.82	16.80	16.88		
3	16QAM	8	0	16.99	17.02	16.95	18.2	0
3	16QAM	8	4	16.95	16.91	17.05		
3	16QAM	8	7	16.99	16.96	16.99		
3	16QAM	15	0	16.96	17.16	17.12		
3	64QAM	1	0	16.95	16.91	17.10	18.2	0
3	64QAM	1	8	16.92	16.94	17.04		
3	64QAM	1	14	16.97	17.16	17.10		
3	64QAM	8	0	17.10	17.14	16.93	18.2	0
3	64QAM	8	4	16.90	16.97	16.98		
3	64QAM	8	7	16.98	17.10	17.13		
3	64QAM	15	0	17.02	17.08	16.99		
3	256QAM	1	0	16.94	17.18	17.02	18.2	0
3	256QAM	1	8	16.88	17.24	16.96		
3	256QAM	1	14	16.99	17.03	16.98		
3	256QAM	8	0	16.96	17.11	16.94	18.2	0
3	256QAM	8	4	16.86	17.11	17.09		
3	256QAM	8	7	16.92	17.06	17.01		
3	256QAM	15	0	16.91	16.97	17.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.09	17.24	17.07	18.2	0
1.4	QPSK	1	3	17.06	17.22	17.04		
1.4	QPSK	1	5	17.01	17.08	17.05		
1.4	QPSK	3	0	16.94	17.11	16.99		
1.4	QPSK	3	1	17.03	17.06	16.98		
1.4	QPSK	3	3	16.92	16.96	16.85		
1.4	QPSK	6	0	16.72	16.98	16.76	18.2	0
1.4	16QAM	1	0	16.82	16.93	17.00	18.2	0
1.4	16QAM	1	3	16.87	16.93	17.03		
1.4	16QAM	1	5	16.82	16.93	16.88		
1.4	16QAM	3	0	17.08	16.88	16.93		
1.4	16QAM	3	1	16.96	17.00	17.14		
1.4	16QAM	3	3	16.98	16.93	17.01		
1.4	16QAM	6	0	17.00	17.08	17.03	18.2	0
1.4	64QAM	1	0	17.02	16.94	16.99	18.2	0
1.4	64QAM	1	3	16.93	17.00	17.09		
1.4	64QAM	1	5	17.01	17.12	17.10		
1.4	64QAM	3	0	16.96	17.10	17.04		
1.4	64QAM	3	1	16.93	16.97	17.01		
1.4	64QAM	3	3	17.00	17.08	17.04		
1.4	64QAM	6	0	17.07	17.12	17.09	18.2	0
1.4	256QAM	1	0	17.04	17.15	16.93	18.2	0
1.4	256QAM	1	3	16.85	17.18	16.93		
1.4	256QAM	1	5	17.00	16.98	16.95		
1.4	256QAM	3	0	17.05	17.13	17.08		
1.4	256QAM	3	1	16.83	17.04	17.02		
1.4	256QAM	3	3	16.89	16.96	17.13		
1.4	256QAM	6	0	17.00	17.03	17.05	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.66	15.81	15.69	16.7	0
20	QPSK	1	49	15.63	15.69	15.73		
20	QPSK	1	99	15.69	15.63	15.68		
20	QPSK	50	0	15.53	15.74	15.57	16.7	0
20	QPSK	50	24	15.48	15.53	15.56		
20	QPSK	50	50	15.51	15.49	15.39		
20	QPSK	100	0	15.37	15.45	15.27		
20	16QAM	1	0	15.43	15.51	15.49	16.7	0
20	16QAM	1	49	15.43	15.51	15.45		
20	16QAM	1	99	15.49	15.39	15.43		
20	16QAM	50	0	15.51	15.52	15.58	16.7	0
20	16QAM	50	24	15.61	15.61	15.64		
20	16QAM	50	50	15.65	15.52	15.52		
20	16QAM	100	0	15.44	15.64	15.68		
20	64QAM	1	0	15.62	15.50	15.59	16.7	0
20	64QAM	1	49	15.60	15.54	15.69		
20	64QAM	1	99	15.61	15.65	15.65		
20	64QAM	50	0	15.61	15.71	15.47	16.7	0
20	64QAM	50	24	15.53	15.57	15.57		
20	64QAM	50	50	15.58	15.59	15.74		
20	64QAM	100	0	15.61	15.57	15.68		
20	256QAM	1	0	15.60	15.65	15.54	16.7	0
20	256QAM	1	49	15.55	15.78	15.59		
20	256QAM	1	99	15.71	15.59	15.63		
20	256QAM	50	0	15.62	15.73	15.66	16.7	0
20	256QAM	50	24	15.54	15.58	15.61		
20	256QAM	50	50	15.58	15.58	15.70		
20	256QAM	100	0	15.47	15.61	15.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.47	15.71	15.56	16.7	0
15	QPSK	1	37	15.62	15.68	15.59		
15	QPSK	1	74	15.61	15.55	15.44		
15	QPSK	36	0	15.35	15.60	15.39	16.7	0
15	QPSK	36	20	15.43	15.47	15.33		
15	QPSK	36	39	15.39	15.41	15.42		
15	QPSK	75	0	15.25	15.37	15.17		
15	16QAM	1	0	15.36	15.45	15.51	16.7	0
15	16QAM	1	37	15.43	15.36	15.44		
15	16QAM	1	74	15.40	15.33	15.41		
15	16QAM	36	0	15.53	15.43	15.44	16.7	0
15	16QAM	36	20	15.45	15.37	15.51		
15	16QAM	36	39	15.54	15.40	15.48		
15	16QAM	75	0	15.39	15.64	15.56		
15	64QAM	1	0	15.45	15.38	15.58	16.7	0
15	64QAM	1	37	15.43	15.49	15.59		
15	64QAM	1	74	15.46	15.56	15.43		
15	64QAM	36	0	15.55	15.60	15.52	16.7	0
15	64QAM	36	20	15.36	15.52	15.39		
15	64QAM	36	39	15.36	15.58	15.61		
15	64QAM	75	0	15.51	15.56	15.50		
15	256QAM	1	0	15.43	15.53	15.44	16.7	0
15	256QAM	1	37	15.40	15.68	15.41		
15	256QAM	1	74	15.60	15.57	15.52		
15	256QAM	36	0	15.45	15.62	15.56	16.7	0
15	256QAM	36	20	15.42	15.56	15.48		
15	256QAM	36	39	15.49	15.52	15.53		
15	256QAM	75	0	15.37	15.55	15.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.57	15.74	15.60	16.7	0
10	QPSK	1	25	15.54	15.64	15.58		
10	QPSK	1	49	15.56	15.55	15.47		
10	QPSK	25	0	15.39	15.52	15.41	16.7	0
10	QPSK	25	12	15.46	15.40	15.35		
10	QPSK	25	25	15.33	15.43	15.44		
10	QPSK	50	0	15.19	15.49	15.19		
10	16QAM	1	0	15.36	15.42	15.51	16.7	0
10	16QAM	1	25	15.46	15.41	15.49		
10	16QAM	1	49	15.37	15.40	15.39		
10	16QAM	25	0	15.50	15.45	15.37	16.7	0
10	16QAM	25	12	15.54	15.38	15.50		
10	16QAM	25	25	15.51	15.49	15.51		
10	16QAM	50	0	15.44	15.56	15.58		
10	64QAM	1	0	15.44	15.41	15.56	16.7	0
10	64QAM	1	25	15.45	15.42	15.47		
10	64QAM	1	49	15.46	15.53	15.42		
10	64QAM	25	0	15.44	15.50	15.37	16.7	0
10	64QAM	25	12	15.43	15.52	15.35		
10	64QAM	25	25	15.40	15.52	15.59		
10	64QAM	50	0	15.41	15.54	15.61		
10	256QAM	1	0	15.38	15.58	15.49	16.7	0
10	256QAM	1	25	15.42	15.62	15.44		
10	256QAM	1	49	15.57	15.55	15.53		
10	256QAM	25	0	15.53	15.63	15.55	16.7	0
10	256QAM	25	12	15.43	15.53	15.45		
10	256QAM	25	25	15.38	15.55	15.53		
10	256QAM	50	0	15.39	15.44	15.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.51	15.67	15.60	16.7	0
5	QPSK	1	12	15.61	15.55	15.57		
5	QPSK	1	24	15.49	15.62	15.53		
5	QPSK	12	0	15.33	15.64	15.46	16.7	0
5	QPSK	12	7	15.36	15.47	15.45		
5	QPSK	12	13	15.36	15.53	15.37		
5	QPSK	25	0	15.25	15.44	15.32		
5	16QAM	1	0	15.39	15.44	15.52	16.7	0
5	16QAM	1	12	15.43	15.30	15.49		
5	16QAM	1	24	15.31	15.41	15.43		
5	16QAM	12	0	15.43	15.41	15.34	16.7	0
5	16QAM	12	7	15.42	15.46	15.49		
5	16QAM	12	13	15.52	15.46	15.52		
5	16QAM	25	0	15.34	15.50	15.49		
5	64QAM	1	0	15.43	15.46	15.61	16.7	0
5	64QAM	1	12	15.45	15.46	15.56		
5	64QAM	1	24	15.44	15.61	15.45		
5	64QAM	12	0	15.54	15.54	15.50	16.7	0
5	64QAM	12	7	15.47	15.40	15.47		
5	64QAM	12	13	15.46	15.56	15.56		
5	64QAM	25	0	15.50	15.52	15.52		
5	256QAM	1	0	15.38	15.60	15.42	16.7	0
5	256QAM	1	12	15.36	15.70	15.49		
5	256QAM	1	24	15.52	15.44	15.53		
5	256QAM	12	0	15.41	15.62	15.55	16.7	0
5	256QAM	12	7	15.32	15.59	15.48		
5	256QAM	12	13	15.52	15.42	15.49		
5	256QAM	25	0	15.39	15.44	15.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.19	17.35	17.22	18.7	0
20	QPSK	1	49	17.26	17.24	17.24		
20	QPSK	1	99	17.21	17.26	17.18		
20	QPSK	50	0	17.00	17.22	17.15	18.7	0
20	QPSK	50	24	17.08	17.13	17.09		
20	QPSK	50	50	17.08	17.16	17.00		
20	QPSK	100	0	16.86	16.99	16.82		
20	16QAM	1	0	16.94	17.10	17.10	18.7	0
20	16QAM	1	49	17.11	17.00	17.03		
20	16QAM	1	99	17.07	16.93	16.99		
20	16QAM	50	0	17.11	17.00	17.05	18.7	0
20	16QAM	50	24	17.13	17.08	17.12		
20	16QAM	50	50	17.12	17.16	17.17		
20	16QAM	100	0	16.97	17.19	17.12		
20	64QAM	1	0	17.09	17.15	17.21	18.7	0
20	64QAM	1	49	17.10	17.11	17.16		
20	64QAM	1	99	17.17	17.20	17.08		
20	64QAM	50	0	17.21	17.17	17.06	18.7	0
20	64QAM	50	24	17.06	17.16	17.05		
20	64QAM	50	50	17.03	17.22	17.23		
20	64QAM	100	0	17.07	17.24	17.25		
20	256QAM	1	0	17.08	17.22	17.16	18.7	0
20	256QAM	1	49	17.01	17.23	17.18		
20	256QAM	1	99	17.17	17.13	17.11		
20	256QAM	50	0	17.09	17.24	17.12	18.7	0
20	256QAM	50	24	17.00	17.24	17.12		
20	256QAM	50	50	17.06	17.18	17.14		
20	256QAM	100	0	17.00	17.08	17.14		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.06	17.25	17.17	18.7	0
15	QPSK	1	37	17.22	17.23	17.20		
15	QPSK	1	74	17.05	17.19	17.02		
15	QPSK	36	0	16.97	17.07	16.93	18.7	0
15	QPSK	36	20	17.01	17.06	16.99		
15	QPSK	36	39	16.93	17.01	16.85		
15	QPSK	75	0	16.84	16.91	16.76		
15	16QAM	1	0	16.87	16.89	17.01	18.7	0
15	16QAM	1	37	16.89	16.88	17.00		
15	16QAM	1	74	16.96	16.83	16.98		
15	16QAM	36	0	17.08	16.97	16.97	18.7	0
15	16QAM	36	20	17.02	17.04	17.06		
15	16QAM	36	39	17.06	17.02	17.04		
15	16QAM	75	0	16.93	17.19	17.02		
15	64QAM	1	0	17.03	17.06	17.06	18.7	0
15	64QAM	1	37	16.97	17.01	17.14		
15	64QAM	1	74	17.08	17.08	16.97		
15	64QAM	36	0	17.02	17.12	17.03	18.7	0
15	64QAM	36	20	16.93	17.11	16.93		
15	64QAM	36	39	17.01	17.05	17.16		
15	64QAM	75	0	16.96	17.01	17.03		
15	256QAM	1	0	16.96	17.17	17.02	18.7	0
15	256QAM	1	37	17.00	17.13	16.94		
15	256QAM	1	74	17.09	17.09	17.04		
15	256QAM	36	0	16.97	17.15	17.11	18.7	0
15	256QAM	36	20	16.85	17.08	17.01		
15	256QAM	36	39	17.06	17.11	17.13		
15	256QAM	75	0	17.02	17.05	17.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.10	17.20	17.10	18.7	0
10	QPSK	1	25	17.15	17.13	17.18		
10	QPSK	1	49	17.06	17.04	17.07		
10	QPSK	25	0	17.01	17.09	16.93	18.7	0
10	QPSK	25	12	17.04	17.06	17.01		
10	QPSK	25	25	16.97	16.94	16.99		
10	QPSK	50	0	16.77	16.94	16.85		
10	16QAM	1	0	16.98	16.89	17.07	18.7	0
10	16QAM	1	25	16.96	16.96	17.02		
10	16QAM	1	49	16.93	16.84	16.94		
10	16QAM	25	0	16.98	16.94	16.94	18.7	0
10	16QAM	25	12	17.10	17.02	17.12		
10	16QAM	25	25	17.11	17.07	17.04		
10	16QAM	50	0	16.92	17.19	17.04		
10	64QAM	1	0	16.96	16.99	17.13	18.7	0
10	64QAM	1	25	17.00	16.96	17.02		
10	64QAM	1	49	17.03	17.13	17.00		
10	64QAM	25	0	17.07	17.00	16.97	18.7	0
10	64QAM	25	12	16.94	17.05	16.98		
10	64QAM	25	25	16.94	17.09	17.10		
10	64QAM	50	0	17.05	17.05	17.14	18.7	0
10	256QAM	1	0	17.05	17.10	16.96		
10	256QAM	1	25	16.93	17.25	16.98		
10	256QAM	1	49	17.12	17.02	17.00		
10	256QAM	25	0	16.99	17.06	17.01	18.7	0
10	256QAM	25	12	16.81	17.04	16.99		
10	256QAM	25	25	16.97	16.99	17.04		
10	256QAM	50	0	17.04	17.01	17.01		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.15	17.25	17.10	18.7	0
5	QPSK	1	12	17.22	17.16	17.15		
5	QPSK	1	24	17.15	17.08	17.09		
5	QPSK	12	0	17.02	17.21	17.03	18.7	0
5	QPSK	12	7	16.93	16.97	17.01		
5	QPSK	12	13	17.02	17.08	16.95		
5	QPSK	25	0	16.74	16.98	16.79		
5	16QAM	1	0	16.90	16.96	16.98	18.7	0
5	16QAM	1	12	16.90	16.86	17.02		
5	16QAM	1	24	16.94	16.89	16.91		
5	16QAM	12	0	16.96	16.97	16.97	18.7	0
5	16QAM	12	7	17.10	16.94	17.12		
5	16QAM	12	13	17.14	16.96	17.07		
5	16QAM	25	0	17.00	17.19	17.02		
5	64QAM	1	0	17.05	16.99	17.12	18.7	0
5	64QAM	1	12	16.95	16.96	17.04		
5	64QAM	1	24	17.02	17.08	17.00		
5	64QAM	12	0	17.04	17.09	17.01	18.7	0
5	64QAM	12	7	16.98	16.99	16.96		
5	64QAM	12	13	16.91	17.17	17.06		
5	64QAM	25	0	17.10	17.00	17.12		
5	256QAM	1	0	17.02	17.11	17.05	18.7	0
5	256QAM	1	12	16.99	17.18	17.01		
5	256QAM	1	24	17.10	17.07	17.05		
5	256QAM	12	0	17.06	17.06	17.12	18.7	0
5	256QAM	12	7	16.87	17.10	17.03		
5	256QAM	12	13	16.97	17.05	17.06		
5	256QAM	25	0	17.05	17.00	17.10		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.09	17.19	17.06	18.7	0
3	QPSK	1	8	17.19	17.16	17.16		
3	QPSK	1	14	17.12	17.06	17.04		
3	QPSK	8	0	16.97	17.19	17.03	18.7	0
3	QPSK	8	4	17.05	17.02	17.02		
3	QPSK	8	7	16.90	17.01	16.95		
3	QPSK	15	0	16.88	16.90	16.72		
3	16QAM	1	0	16.93	16.91	17.06	18.7	0
3	16QAM	1	8	16.86	16.95	17.03		
3	16QAM	1	14	16.94	16.84	16.97		
3	16QAM	8	0	16.97	17.02	17.01	18.7	0
3	16QAM	8	4	16.97	16.97	17.15		
3	16QAM	8	7	17.07	17.02	17.13		
3	16QAM	15	0	16.86	17.18	17.06		
3	64QAM	1	0	16.97	17.02	17.10	18.7	0
3	64QAM	1	8	17.02	16.93	17.07		
3	64QAM	1	14	17.05	17.17	16.99		
3	64QAM	8	0	17.03	17.08	17.06	18.7	0
3	64QAM	8	4	17.04	16.99	16.97		
3	64QAM	8	7	16.90	17.19	17.13		
3	64QAM	15	0	17.01	17.05	17.11		
3	256QAM	1	0	17.03	17.07	17.09	18.7	0
3	256QAM	1	8	16.89	17.18	16.94		
3	256QAM	1	14	17.09	17.04	16.96		
3	256QAM	8	0	16.99	17.17	17.03	18.7	0
3	256QAM	8	4	16.86	17.06	17.10		
3	256QAM	8	7	16.94	16.98	17.14		
3	256QAM	15	0	17.03	17.02	17.03		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.13	17.21	17.07	18.7	0
1.4	QPSK	1	3	17.17	17.10	17.19		
1.4	QPSK	1	5	17.02	17.19	17.04		
1.4	QPSK	3	0	16.99	17.20	17.06		
1.4	QPSK	3	1	17.02	17.05	16.89		
1.4	QPSK	3	3	16.96	17.07	16.89		
1.4	QPSK	6	0	16.82	16.92	16.72	18.7	0
1.4	16QAM	1	0	16.91	16.95	17.02	18.7	0
1.4	16QAM	1	3	16.86	16.97	16.96		
1.4	16QAM	1	5	16.98	16.83	16.89		
1.4	16QAM	3	0	17.09	16.97	16.92		
1.4	16QAM	3	1	17.07	16.98	17.10		
1.4	16QAM	3	3	17.13	16.93	16.97		
1.4	16QAM	6	0	16.95	17.14	17.10	18.7	0
1.4	64QAM	1	0	17.04	16.95	17.03	18.7	0
1.4	64QAM	1	3	16.91	16.93	17.03		
1.4	64QAM	1	5	17.07	17.18	16.98		
1.4	64QAM	3	0	16.99	17.07	17.01		
1.4	64QAM	3	1	17.03	17.03	16.90		
1.4	64QAM	3	3	17.03	17.13	17.21		
1.4	64QAM	6	0	17.08	17.11	17.12	18.7	0
1.4	256QAM	1	0	16.94	17.07	16.97	18.7	0
1.4	256QAM	1	3	16.90	17.18	17.08		
1.4	256QAM	1	5	17.02	17.05	16.96		
1.4	256QAM	3	0	17.06	17.07	17.08		
1.4	256QAM	3	1	16.95	17.01	17.08		
1.4	256QAM	3	3	16.99	17.01	17.10		
1.4	256QAM	6	0	16.98	17.00	17.09	18.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.67	16.86	16.73	17.7	0
20	QPSK	1	49	16.82	16.75	16.80		
20	QPSK	1	99	16.69	16.73	16.64		
20	QPSK	50	0	16.51	16.82	16.68	17.7	0
20	QPSK	50	24	16.60	16.60	16.51		
20	QPSK	50	50	16.55	16.62	16.52		
20	QPSK	100	0	16.44	16.68	16.45		
20	16QAM	1	0	16.56	16.60	16.68	17.7	0
20	16QAM	1	49	16.49	16.58	16.55		
20	16QAM	1	99	16.60	16.45	16.55		
20	16QAM	50	0	16.72	16.60	16.53	17.7	0
20	16QAM	50	24	16.72	16.65	16.81		
20	16QAM	50	50	16.68	16.65	16.71		
20	16QAM	100	0	16.52	16.79	16.61		
20	64QAM	1	0	16.64	16.56	16.66	17.7	0
20	64QAM	1	49	16.58	16.66	16.74		
20	64QAM	1	99	16.64	16.75	16.68		
20	64QAM	50	0	16.73	16.72	16.59	17.7	0
20	64QAM	50	24	16.55	16.65	16.62		
20	64QAM	50	50	16.52	16.80	16.68		
20	64QAM	100	0	16.68	16.62	16.70	17.7	0
20	256QAM	1	0	16.56	16.81	16.68		
20	256QAM	1	49	16.49	16.82	16.71		
20	256QAM	1	99	16.73	16.75	16.67		
20	256QAM	50	0	16.66	16.78	16.67	17.7	0
20	256QAM	50	24	16.63	16.63	16.69		
20	256QAM	50	50	16.65	16.68	16.74		
20	256QAM	100	0	16.62	16.72	16.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.65	16.70	16.63	17.7	0
15	QPSK	1	37	16.62	16.70	16.58		
15	QPSK	1	74	16.60	16.71	16.64		
15	QPSK	36	0	16.55	16.63	16.52	17.7	0
15	QPSK	36	20	16.55	16.46	16.49		
15	QPSK	36	39	16.49	16.46	16.53		
15	QPSK	75	0	16.40	16.48	16.36		
15	16QAM	1	0	16.37	16.44	16.57	17.7	0
15	16QAM	1	37	16.47	16.43	16.55		
15	16QAM	1	74	16.49	16.40	16.47		
15	16QAM	36	0	16.61	16.48	16.46	17.7	0
15	16QAM	36	20	16.64	16.49	16.62		
15	16QAM	36	39	16.55	16.60	16.52		
15	16QAM	75	0	16.41	16.71	16.52		
15	64QAM	1	0	16.50	16.54	16.62	17.7	0
15	64QAM	1	37	16.46	16.53	16.54		
15	64QAM	1	74	16.55	16.64	16.58		
15	64QAM	36	0	16.61	16.64	16.55	17.7	0
15	64QAM	36	20	16.53	16.52	16.60		
15	64QAM	36	39	16.54	16.57	16.71		
15	64QAM	75	0	16.52	16.67	16.65		
15	256QAM	1	0	16.47	16.63	16.57	17.7	0
15	256QAM	1	37	16.50	16.76	16.55		
15	256QAM	1	74	16.68	16.57	16.63		
15	256QAM	36	0	16.48	16.57	16.63	17.7	0
15	256QAM	36	20	16.51	16.52	16.53		
15	256QAM	36	39	16.47	16.64	16.60		
15	256QAM	75	0	16.51	16.54	16.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.72	16.65	17.7	0
10	QPSK	1	25	16.70	16.66	16.73		
10	QPSK	1	49	16.68	16.59	16.61		
10	QPSK	25	0	16.52	16.63	16.51	17.7	0
10	QPSK	25	12	16.53	16.51	16.50		
10	QPSK	25	25	16.43	16.56	16.53		
10	QPSK	50	0	16.36	16.50	16.33		
10	16QAM	1	0	16.48	16.44	16.57	17.7	0
10	16QAM	1	25	16.47	16.50	16.45		
10	16QAM	1	49	16.47	16.38	16.51		
10	16QAM	25	0	16.49	16.58	16.56	17.7	0
10	16QAM	25	12	16.50	16.59	16.68		
10	16QAM	25	25	16.55	16.60	16.65		
10	16QAM	50	0	16.49	16.61	16.55		
10	64QAM	1	0	16.48	16.50	16.53	17.7	0
10	64QAM	1	25	16.54	16.51	16.65		
10	64QAM	1	49	16.48	16.65	16.53		
10	64QAM	25	0	16.55	16.64	16.50	17.7	0
10	64QAM	25	12	16.56	16.52	16.46		
10	64QAM	25	25	16.51	16.63	16.63		
10	64QAM	50	0	16.63	16.52	16.57	17.7	0
10	256QAM	1	0	16.47	16.74	16.54		
10	256QAM	1	25	16.48	16.71	16.47		
10	256QAM	1	49	16.62	16.60	16.50		
10	256QAM	25	0	16.54	16.72	16.56	17.7	0
10	256QAM	25	12	16.38	16.61	16.56		
10	256QAM	25	25	16.60	16.52	16.57		
10	256QAM	50	0	16.51	16.53	16.64		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.67	16.75	16.65	17.7	0
5	QPSK	1	12	16.71	16.76	16.74		
5	QPSK	1	24	16.59	16.58	16.53		
5	QPSK	12	0	16.53	16.69	16.47	17.7	0
5	QPSK	12	7	16.58	16.45	16.48		
5	QPSK	12	13	16.54	16.58	16.40		
5	QPSK	25	0	16.31	16.54	16.38		
5	16QAM	1	0	16.45	16.57	16.53	17.7	0
5	16QAM	1	12	16.54	16.50	16.48		
5	16QAM	1	24	16.42	16.45	16.51		
5	16QAM	12	0	16.55	16.50	16.52	17.7	0
5	16QAM	12	7	16.58	16.49	16.59		
5	16QAM	12	13	16.64	16.45	16.51		
5	16QAM	25	0	16.51	16.62	16.51		
5	64QAM	1	0	16.47	16.59	16.55	17.7	0
5	64QAM	1	12	16.47	16.47	16.68		
5	64QAM	1	24	16.58	16.61	16.60		
5	64QAM	12	0	16.57	16.68	16.56	17.7	0
5	64QAM	12	7	16.44	16.55	16.46		
5	64QAM	12	13	16.45	16.64	16.67		
5	64QAM	25	0	16.56	16.63	16.58		
5	256QAM	1	0	16.51	16.67	16.60	17.7	0
5	256QAM	1	12	16.47	16.65	16.52		
5	256QAM	1	24	16.68	16.65	16.61		
5	256QAM	12	0	16.54	16.60	16.57	17.7	0
5	256QAM	12	7	16.52	16.62	16.60		
5	256QAM	12	13	16.47	16.52	16.56		
5	256QAM	25	0	16.44	16.57	16.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.56	16.76	16.73	17.7	0
3	QPSK	1	8	16.69	16.67	16.67		
3	QPSK	1	14	16.64	16.71	16.53		
3	QPSK	8	0	16.52	16.61	16.53	17.7	0
3	QPSK	8	4	16.59	16.58	16.45		
3	QPSK	8	7	16.43	16.60	16.52		
3	QPSK	15	0	16.27	16.46	16.30		
3	16QAM	1	0	16.48	16.49	16.59	17.7	0
3	16QAM	1	8	16.39	16.52	16.46		
3	16QAM	1	14	16.39	16.48	16.46		
3	16QAM	8	0	16.49	16.56	16.51	17.7	0
3	16QAM	8	4	16.63	16.54	16.59		
3	16QAM	8	7	16.57	16.48	16.62		
3	16QAM	15	0	16.44	16.61	16.55		
3	64QAM	1	0	16.61	16.53	16.64	17.7	0
3	64QAM	1	8	16.44	16.50	16.60		
3	64QAM	1	14	16.62	16.64	16.52		
3	64QAM	8	0	16.50	16.59	16.47	17.7	0
3	64QAM	8	4	16.55	16.63	16.50		
3	64QAM	8	7	16.48	16.59	16.70		
3	64QAM	15	0	16.49	16.65	16.56		
3	256QAM	1	0	16.47	16.65	16.47	17.7	0
3	256QAM	1	8	16.48	16.76	16.58		
3	256QAM	1	14	16.65	16.61	16.50		
3	256QAM	8	0	16.50	16.71	16.57	17.7	0
3	256QAM	8	4	16.41	16.59	16.54		
3	256QAM	8	7	16.49	16.63	16.60		
3	256QAM	15	0	16.59	16.55	16.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.61	16.72	16.69	17.7	0
1.4	QPSK	1	3	16.60	16.67	16.73		
1.4	QPSK	1	5	16.56	16.58	16.65		
1.4	QPSK	3	0	16.42	16.59	16.52		
1.4	QPSK	3	1	16.47	16.57	16.46		
1.4	QPSK	3	3	16.49	16.52	16.46		
1.4	QPSK	6	0	16.38	16.44	16.32	17.7	0
1.4	16QAM	1	0	16.46	16.57	16.48	17.7	0
1.4	16QAM	1	3	16.46	16.43	16.48		
1.4	16QAM	1	5	16.37	16.35	16.50		
1.4	16QAM	3	0	16.60	16.54	16.51		
1.4	16QAM	3	1	16.52	16.58	16.65		
1.4	16QAM	3	3	16.53	16.51	16.52		
1.4	16QAM	6	0	16.43	16.70	16.53	17.7	0
1.4	64QAM	1	0	16.56	16.57	16.55	17.7	0
1.4	64QAM	1	3	16.46	16.51	16.52		
1.4	64QAM	1	5	16.54	16.62	16.53		
1.4	64QAM	3	0	16.58	16.54	16.57		
1.4	64QAM	3	1	16.48	16.52	16.41		
1.4	64QAM	3	3	16.48	16.64	16.68		
1.4	64QAM	6	0	16.50	16.62	16.68	17.7	0
1.4	256QAM	1	0	16.53	16.61	16.60	17.7	0
1.4	256QAM	1	3	16.46	16.68	16.53		
1.4	256QAM	1	5	16.58	16.67	16.58		
1.4	256QAM	3	0	16.47	16.71	16.61		
1.4	256QAM	3	1	16.47	16.65	16.66		
1.4	256QAM	3	3	16.48	16.62	16.66		
1.4	256QAM	6	0	16.48	16.56	16.65	17.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.97	18.09	17.98	19.2	0
20	QPSK	1	49	17.99	18.05	17.94		
20	QPSK	1	99	17.89	18.01	17.93		
20	QPSK	50	0	17.73	17.94	17.82	19.2	0
20	QPSK	50	24	17.79	17.91	17.80		
20	QPSK	50	50	17.78	17.85	17.71		
20	QPSK	100	0	17.60	17.74	17.60		
20	16QAM	1	0	17.78	17.75	17.83	19.2	0
20	16QAM	1	49	17.73	17.69	17.89		
20	16QAM	1	99	17.72	17.79	17.80		
20	16QAM	50	0	17.84	17.87	17.76	19.2	0
20	16QAM	50	24	17.97	17.89	18.01		
20	16QAM	50	50	17.94	17.90	17.98		
20	16QAM	100	0	17.85	17.99	17.98		
20	64QAM	1	0	17.89	17.93	17.88	19.2	0
20	64QAM	1	49	17.90	17.77	18.00		
20	64QAM	1	99	17.93	17.94	17.95		
20	64QAM	50	0	17.97	17.90	17.91	19.2	0
20	64QAM	50	24	17.88	17.93	17.86		
20	64QAM	50	50	17.73	18.01	17.91		
20	64QAM	100	0	17.93	17.90	17.96		
20	256QAM	1	0	17.85	17.98	17.88	19.2	0
20	256QAM	1	49	17.74	17.97	17.93		
20	256QAM	1	99	17.91	17.96	17.94		
20	256QAM	50	0	17.83	18.03	17.90	19.2	0
20	256QAM	50	24	17.76	17.94	17.85		
20	256QAM	50	50	17.81	17.97	17.89		
20	256QAM	100	0	17.82	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.90	18.00	17.85	19.2	0
15	QPSK	1	37	17.94	17.94	17.90		
15	QPSK	1	74	17.85	17.86	17.80		
15	QPSK	36	0	17.74	17.86	17.81	19.2	0
15	QPSK	36	20	17.72	17.74	17.74		
15	QPSK	36	39	17.66	17.73	17.74		
15	QPSK	75	0	17.55	17.68	17.51		
15	16QAM	1	0	17.58	17.76	17.69	19.2	0
15	16QAM	1	37	17.62	17.70	17.78		
15	16QAM	1	74	17.60	17.63	17.69		
15	16QAM	36	0	17.73	17.66	17.73	19.2	0
15	16QAM	36	20	17.77	17.82	17.83		
15	16QAM	36	39	17.87	17.79	17.78		
15	16QAM	75	0	17.65	17.87	17.80		
15	64QAM	1	0	17.72	17.73	17.81	19.2	0
15	64QAM	1	37	17.69	17.80	17.90		
15	64QAM	1	74	17.84	17.83	17.78		
15	64QAM	36	0	17.74	17.85	17.77	19.2	0
15	64QAM	36	20	17.78	17.70	17.69		
15	64QAM	36	39	17.64	17.81	17.86		
15	64QAM	75	0	17.77	17.80	17.89		
15	256QAM	1	0	17.78	17.81	17.82	19.2	0
15	256QAM	1	37	17.74	17.98	17.76		
15	256QAM	1	74	17.87	17.74	17.86		
15	256QAM	36	0	17.83	17.92	17.82	19.2	0
15	256QAM	36	20	17.66	17.74	17.86		
15	256QAM	36	39	17.80	17.79	17.79		
15	256QAM	75	0	17.72	17.83	17.85		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.87	17.99	17.86	19.2	0
10	QPSK	1	25	17.95	17.91	17.80		
10	QPSK	1	49	17.75	17.91	17.79		
10	QPSK	25	0	17.67	17.93	17.71	19.2	0
10	QPSK	25	12	17.79	17.75	17.72		
10	QPSK	25	25	17.71	17.72	17.65		
10	QPSK	50	0	17.64	17.64	17.55		
10	16QAM	1	0	17.72	17.72	17.72	19.2	0
10	16QAM	1	25	17.76	17.64	17.74		
10	16QAM	1	49	17.71	17.66	17.76		
10	16QAM	25	0	17.81	17.73	17.72	19.2	0
10	16QAM	25	12	17.77	17.76	17.84		
10	16QAM	25	25	17.88	17.73	17.80		
10	16QAM	50	0	17.62	17.93	17.84		
10	64QAM	1	0	17.71	17.69	17.81	19.2	0
10	64QAM	1	25	17.70	17.71	17.89		
10	64QAM	1	49	17.75	17.90	17.85		
10	64QAM	25	0	17.85	17.81	17.80	19.2	0
10	64QAM	25	12	17.77	17.82	17.67		
10	64QAM	25	25	17.70	17.89	17.86		
10	64QAM	50	0	17.81	17.76	17.88		
10	256QAM	1	0	17.81	17.87	17.71	19.2	0
10	256QAM	1	25	17.60	17.91	17.75		
10	256QAM	1	49	17.77	17.75	17.78		
10	256QAM	25	0	17.76	17.92	17.86	19.2	0
10	256QAM	25	12	17.62	17.73	17.73		
10	256QAM	25	25	17.73	17.83	17.89		
10	256QAM	50	0	17.67	17.81	17.79		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.80	17.97	17.89	19.2	0
5	QPSK	1	12	17.85	17.89	17.82		
5	QPSK	1	24	17.91	17.91	17.78		
5	QPSK	12	0	17.70	17.81	17.72	19.2	0
5	QPSK	12	7	17.80	17.80	17.77		
5	QPSK	12	13	17.71	17.80	17.69		
5	QPSK	25	0	17.55	17.80	17.52		
5	16QAM	1	0	17.58	17.70	17.84	19.2	0
5	16QAM	1	12	17.70	17.68	17.72		
5	16QAM	1	24	17.63	17.60	17.68		
5	16QAM	12	0	17.84	17.77	17.77	19.2	0
5	16QAM	12	7	17.78	17.81	17.88		
5	16QAM	12	13	17.85	17.71	17.77		
5	16QAM	25	0	17.72	17.82	17.75		
5	64QAM	1	0	17.68	17.69	17.79	19.2	0
5	64QAM	1	12	17.70	17.77	17.78		
5	64QAM	1	24	17.82	17.94	17.88		
5	64QAM	12	0	17.88	17.76	17.77	19.2	0
5	64QAM	12	7	17.64	17.77	17.76		
5	64QAM	12	13	17.70	17.78	17.81		
5	64QAM	25	0	17.74	17.76	17.82		
5	256QAM	1	0	17.79	17.92	17.69	19.2	0
5	256QAM	1	12	17.65	17.94	17.68		
5	256QAM	1	24	17.88	17.80	17.87		
5	256QAM	12	0	17.72	17.80	17.78	19.2	0
5	256QAM	12	7	17.66	17.86	17.75		
5	256QAM	12	13	17.74	17.77	17.84		
5	256QAM	25	0	17.75	17.74	17.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.43	17.45	17.58	17.35	17.36	18.7	0
20	QPSK	1	49	17.35	17.47	17.48	17.48	17.45		
20	QPSK	1	99	17.30	17.35	17.39	17.39	17.38		
20	QPSK	50	0	17.22	17.20	17.50	17.28	17.24	18.7	0
20	QPSK	50	24	17.31	17.27	17.30	17.29	17.27		
20	QPSK	50	50	17.22	17.29	17.31	17.25	17.18		
20	QPSK	100	0	17.05	17.07	17.25	17.11	17.05		
20	16QAM	1	0	17.15	17.23	17.29	17.35	17.32	18.7	0
20	16QAM	1	49	17.19	17.25	17.23	17.35	17.31		
20	16QAM	1	99	17.12	17.24	17.16	17.27	17.16		
20	16QAM	50	0	17.27	17.36	17.24	17.19	17.23	18.7	0
20	16QAM	50	24	17.30	17.41	17.34	17.35	17.42		
20	16QAM	50	50	17.41	17.28	17.30	17.29	17.26		
20	16QAM	100	0	17.24	17.23	17.45	17.34	17.33		
20	64QAM	1	0	17.28	17.28	17.35	17.32	17.40	18.7	0
20	64QAM	1	49	17.24	17.21	17.29	17.42	17.33		
20	64QAM	1	99	17.25	17.35	17.37	17.35	17.39		
20	64QAM	50	0	17.29	17.34	17.38	17.27	17.36	18.7	0
20	64QAM	50	24	17.32	17.29	17.39	17.29	17.18		
20	64QAM	50	50	17.24	17.19	17.45	17.36	17.50		
20	64QAM	100	0	17.27	17.35	17.42	17.35	17.37		
20	256QAM	1	0	17.34	17.32	17.40	17.24	17.24	18.7	0
20	256QAM	1	49	17.17	17.26	17.51	17.36	17.37		
20	256QAM	1	99	17.33	17.40	17.32	17.38	17.29		
20	256QAM	50	0	17.31	17.26	17.46	17.28	17.36	18.7	0
20	256QAM	50	24	17.13	17.14	17.30	17.41	17.39		
20	256QAM	50	50	17.26	17.26	17.28	17.36	17.41		
20	256QAM	100	0	17.24	17.21	17.43	17.31	17.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.26	17.33	17.43	17.39	17.27	19	0
15	QPSK	1	37	17.27	17.38	17.35	17.27	17.24		
15	QPSK	1	74	17.24	17.23	17.37	17.21	17.26		
15	QPSK	36	0	17.15	17.07	17.39	17.20	17.16	18.7	0
15	QPSK	36	20	17.17	17.20	17.18	17.13	17.13		
15	QPSK	36	39	17.09	17.09	17.15	17.14	17.16		
15	QPSK	75	0	16.92	17.05	17.22	16.92	16.94		
15	16QAM	1	0	17.16	17.16	17.20	17.28	17.24	18.7	0
15	16QAM	1	37	17.20	17.14	17.04	17.19	17.14		
15	16QAM	1	74	17.12	17.10	17.14	17.15	17.07		
15	16QAM	36	0	17.21	17.22	17.13	17.09	17.14	18.7	0
15	16QAM	36	20	17.19	17.26	17.24	17.24	17.35		
15	16QAM	36	39	17.21	17.25	17.17	17.17	17.25		
15	16QAM	75	0	17.11	17.12	17.30	17.24	17.26		
15	64QAM	1	0	17.11	17.18	17.18	17.34	17.34	18.7	0
15	64QAM	1	37	17.24	17.17	17.14	17.18	17.31		
15	64QAM	1	74	17.22	17.16	17.32	17.19	17.28		
15	64QAM	36	0	17.22	17.29	17.33	17.23	17.17	18.7	0
15	64QAM	36	20	17.18	17.15	17.25	17.13	17.18		
15	64QAM	36	39	17.17	17.10	17.37	17.36	17.38		
15	64QAM	75	0	17.22	17.28	17.32	17.30	17.34		
15	256QAM	1	0	17.15	17.14	17.33	17.24	17.13	18.7	0
15	256QAM	1	37	17.12	17.16	17.36	17.21	17.20		
15	256QAM	1	74	17.34	17.19	17.27	17.18	17.22		
15	256QAM	36	0	17.18	17.26	17.32	17.23	17.16	18.7	0
15	256QAM	36	20	17.06	17.13	17.19	17.26	17.19		
15	256QAM	36	39	17.26	17.15	17.29	17.24	17.27		
15	256QAM	75	0	17.16	17.22	17.19	17.26	17.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.28	17.29	17.44	17.28	17.30	19	0
10	QPSK	1	25	17.31	17.29	17.32	17.34	17.35		
10	QPSK	1	49	17.29	17.23	17.35	17.32	17.29		
10	QPSK	25	0	17.21	17.10	17.36	17.26	17.24	18.7	0
10	QPSK	25	12	17.14	17.13	17.21	17.19	17.15		
10	QPSK	25	25	17.15	17.20	17.23	17.18	17.13		
10	QPSK	50	0	16.94	17.04	17.13	16.97	16.90		
10	16QAM	1	0	17.02	17.14	17.14	17.22	17.17	18.7	0
10	16QAM	1	25	17.14	17.07	17.04	17.14	17.24		
10	16QAM	1	49	17.07	17.12	17.07	17.18	17.12		
10	16QAM	25	0	17.21	17.27	17.17	17.09	17.21	18.7	0
10	16QAM	25	12	17.16	17.27	17.16	17.36	17.25		
10	16QAM	25	25	17.27	17.26	17.25	17.30	17.23		
10	16QAM	50	0	17.15	17.17	17.25	17.19	17.19		
10	64QAM	1	0	17.26	17.25	17.26	17.24	17.31	18.7	0
10	64QAM	1	25	17.16	17.10	17.19	17.25	17.31		
10	64QAM	1	49	17.26	17.18	17.39	17.29	17.19		
10	64QAM	25	0	17.17	17.17	17.31	17.18	17.27	18.7	0
10	64QAM	25	12	17.23	17.09	17.27	17.19	17.19		
10	64QAM	25	25	17.20	17.14	17.33	17.38	17.26		
10	64QAM	50	0	17.27	17.29	17.26	17.21	17.34		
10	256QAM	1	0	17.12	17.23	17.36	17.20	17.24	18.7	0
10	256QAM	1	25	17.10	17.17	17.46	17.25	17.28		
10	256QAM	1	49	17.23	17.34	17.27	17.16	17.28		
10	256QAM	25	0	17.14	17.26	17.39	17.21	17.22	18.7	0
10	256QAM	25	12	17.11	17.03	17.24	17.19	17.19		
10	256QAM	25	25	17.20	17.24	17.17	17.24	17.26		
10	256QAM	50	0	17.17	17.20	17.25	17.25	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.25	17.26	17.38	17.34	17.26	19	0
5	QPSK	1	12	17.29	17.25	17.31	17.30	17.28		
5	QPSK	1	24	17.19	17.32	17.35	17.22	17.27		
5	QPSK	12	0	17.22	17.12	17.24	17.21	17.20	18.7	0
5	QPSK	12	7	17.13	17.12	17.11	17.07	17.21		
5	QPSK	12	13	17.18	17.06	17.18	17.05	17.12		
5	QPSK	25	0	16.92	17.07	17.13	16.92	16.95		
5	16QAM	1	0	17.10	17.11	17.15	17.28	17.27	18.7	0
5	16QAM	1	12	17.13	17.05	17.05	17.22	17.12		
5	16QAM	1	24	17.06	17.13	17.16	17.08	17.17		
5	16QAM	12	0	17.16	17.25	17.09	17.13	17.17	18.7	0
5	16QAM	12	7	17.17	17.15	17.18	17.32	17.23		
5	16QAM	12	13	17.18	17.28	17.18	17.23	17.22		
5	16QAM	25	0	17.07	17.19	17.25	17.23	17.26		
5	64QAM	1	0	17.20	17.24	17.22	17.29	17.33	18.7	0
5	64QAM	1	12	17.12	17.13	17.15	17.22	17.23		
5	64QAM	1	24	17.21	17.20	17.34	17.25	17.32		
5	64QAM	12	0	17.18	17.20	17.30	17.25	17.12	18.7	0
5	64QAM	12	7	17.18	17.14	17.25	17.18	17.16		
5	64QAM	12	13	17.11	17.21	17.35	17.36	17.31		
5	64QAM	25	0	17.18	17.27	17.26	17.22	17.28		
5	256QAM	1	0	17.27	17.24	17.29	17.15	17.12	18.7	0
5	256QAM	1	12	17.11	17.12	17.43	17.13	17.28		
5	256QAM	1	24	17.22	17.32	17.20	17.21	17.24		
5	256QAM	12	0	17.15	17.15	17.29	17.26	17.27	18.7	0
5	256QAM	12	7	17.10	17.08	17.30	17.17	17.24		
5	256QAM	12	13	17.11	17.22	17.26	17.31	17.25		
5	256QAM	25	0	17.20	17.20	17.30	17.29	17.22		

Band 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.38	18.61	18.57	20	0
20	QPSK	1	49	18.55	18.51	18.45		
20	QPSK	1	99	18.37	18.50	18.35		
20	QPSK	50	0	18.34	18.43	18.41	20	0
20	QPSK	50	24	18.40	18.40	18.35		
20	QPSK	50	50	18.37	18.42	18.23		
20	QPSK	100	0	18.23	18.28	18.26		
20	16QAM	1	0	18.27	18.32	18.38	20	0
20	16QAM	1	49	18.27	18.35	18.33		
20	16QAM	1	99	18.27	18.22	18.32		
20	16QAM	50	0	18.33	18.26	18.41	20	0
20	16QAM	50	24	18.33	18.33	18.43		
20	16QAM	50	50	18.48	18.43	18.43		
20	16QAM	100	0	18.32	18.56	18.41		
20	64QAM	1	0	18.40	18.39	18.48	20	0
20	64QAM	1	49	18.35	18.30	18.44		
20	64QAM	1	99	18.33	18.57	18.37		
20	64QAM	50	0	18.35	18.47	18.29	20	0
20	64QAM	50	24	18.38	18.45	18.26		
20	64QAM	50	50	18.25	18.54	18.48		
20	64QAM	100	0	18.40	18.37	18.47		
20	256QAM	1	0	18.30	18.43	18.38	20	0
20	256QAM	1	49	18.22	18.48	18.40		
20	256QAM	1	99	18.38	18.50	18.36		
20	256QAM	50	0	18.37	18.41	18.40	20	0
20	256QAM	50	24	18.29	18.45	18.38		
20	256QAM	50	50	18.34	18.42	18.49		
20	256QAM	100	0	18.35	18.47	18.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.24	18.37	18.29	20	0
15	QPSK	1	37	18.30	18.30	18.21		
15	QPSK	1	74	18.11	18.27	18.23		
15	QPSK	36	0	18.09	18.24	18.13	20	0
15	QPSK	36	20	18.11	18.04	18.08		
15	QPSK	36	39	18.07	18.17	18.01		
15	QPSK	75	0	18.08	18.10	18.06		
15	16QAM	1	0	18.06	18.11	18.04	20	0
15	16QAM	1	37	18.05	18.00	18.07		
15	16QAM	1	74	18.01	18.04	18.10		
15	16QAM	36	0	18.15	18.10	18.09	20	0
15	16QAM	36	20	18.09	18.06	18.16		
15	16QAM	36	39	18.22	18.14	18.21		
15	16QAM	75	0	18.08	18.28	18.20		
15	64QAM	1	0	18.15	18.15	18.19	20	0
15	64QAM	1	37	18.04	18.16	18.25		
15	64QAM	1	74	18.20	18.19	18.12		
15	64QAM	36	0	18.11	18.11	18.06	20	0
15	64QAM	36	20	18.07	18.11	18.12		
15	64QAM	36	39	18.13	18.22	18.19		
15	64QAM	75	0	18.12	18.22	18.19		
15	256QAM	1	0	18.05	18.15	18.04	20	0
15	256QAM	1	37	18.01	18.30	18.09		
15	256QAM	1	74	18.23	18.09	18.21		
15	256QAM	36	0	18.19	18.26	18.18	20	0
15	256QAM	36	20	18.05	18.11	18.19		
15	256QAM	36	39	18.04	18.15	18.12		
15	256QAM	75	0	18.12	18.09	18.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.20	18.33	18.30	20	0
10	QPSK	1	25	18.21	18.30	18.20		
10	QPSK	1	49	18.18	18.18	18.17		
10	QPSK	25	0	18.06	18.31	18.15	20	0
10	QPSK	25	12	18.14	18.08	18.04		
10	QPSK	25	25	18.09	18.12	18.08		
10	QPSK	50	0	18.05	18.14	18.02		
10	16QAM	1	0	18.04	18.08	18.08	20	0
10	16QAM	1	25	18.08	18.08	18.05		
10	16QAM	1	49	18.05	18.07	18.07		
10	16QAM	25	0	18.05	18.13	18.04	20	0
10	16QAM	25	12	18.09	18.10	18.25		
10	16QAM	25	25	18.22	18.14	18.13		
10	16QAM	50	0	18.12	18.23	18.09		
10	64QAM	1	0	18.11	18.14	18.12	20	0
10	64QAM	1	25	18.12	18.01	18.22		
10	64QAM	1	49	18.10	18.19	18.17		
10	64QAM	25	0	18.11	18.14	18.10	20	0
10	64QAM	25	12	18.15	18.16	18.00		
10	64QAM	25	25	18.06	18.15	18.28		
10	64QAM	50	0	18.16	18.18	18.23		
10	256QAM	1	0	18.03	18.18	18.06	20	0
10	256QAM	1	25	18.09	18.35	18.17		
10	256QAM	1	49	18.26	18.16	18.18		
10	256QAM	25	0	18.10	18.17	18.13	20	0
10	256QAM	25	12	18.04	18.17	18.12		
10	256QAM	25	25	18.13	18.22	18.24		
10	256QAM	50	0	18.05	18.21	18.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.27	18.32	18.18	20	0
5	QPSK	1	12	18.28	18.19	18.30		
5	QPSK	1	24	18.18	18.28	18.19		
5	QPSK	12	0	18.07	18.19	18.09	20	0
5	QPSK	12	7	18.03	18.15	18.01		
5	QPSK	12	13	18.08	18.12	18.06		
5	QPSK	25	0	18.07	18.11	18.04		
5	16QAM	1	0	18.00	18.11	18.06	20	0
5	16QAM	1	12	18.02	18.06	18.03		
5	16QAM	1	24	18.02	18.09	18.04		
5	16QAM	12	0	18.10	18.07	18.08	20	0
5	16QAM	12	7	18.18	18.11	18.27		
5	16QAM	12	13	18.19	18.09	18.23		
5	16QAM	25	0	18.01	18.28	18.16		
5	64QAM	1	0	18.09	18.08	18.18	20	0
5	64QAM	1	12	18.09	18.03	18.11		
5	64QAM	1	24	18.08	18.21	18.14		
5	64QAM	12	0	18.15	18.13	18.17	20	0
5	64QAM	12	7	18.07	18.08	18.06		
5	64QAM	12	13	18.02	18.21	18.23		
5	64QAM	25	0	18.19	18.23	18.11		
5	256QAM	1	0	18.06	18.22	18.05	20	0
5	256QAM	1	12	18.06	18.34	18.08		
5	256QAM	1	24	18.11	18.15	18.13		
5	256QAM	12	0	18.07	18.20	18.11	20	0
5	256QAM	12	7	18.03	18.23	18.14		
5	256QAM	12	13	18.15	18.17	18.12		
5	256QAM	25	0	18.14	18.17	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.13	18.40	18.29	20	0
3	QPSK	1	8	18.19	18.26	18.21		
3	QPSK	1	14	18.15	18.18	18.13		
3	QPSK	8	0	18.03	18.28	18.07	20	0
3	QPSK	8	4	18.08	18.12	18.01		
3	QPSK	8	7	18.07	18.12	18.01		
3	QPSK	15	0	18.05	18.09	18.09		
3	16QAM	1	0	18.07	18.04	18.17	20	0
3	16QAM	1	8	18.02	18.08	18.16		
3	16QAM	1	14	18.03	18.00	18.03		
3	16QAM	8	0	18.06	18.00	18.02	20	0
3	16QAM	8	4	18.19	18.02	18.24		
3	16QAM	8	7	18.08	18.07	18.09		
3	16QAM	15	0	18.03	18.26	18.08		
3	64QAM	1	0	18.11	18.14	18.17	20	0
3	64QAM	1	8	18.04	18.06	18.10		
3	64QAM	1	14	18.09	18.30	18.16		
3	64QAM	8	0	18.21	18.26	18.15	20	0
3	64QAM	8	4	18.15	18.19	18.05		
3	64QAM	8	7	18.06	18.14	18.29		
3	64QAM	15	0	18.10	18.21	18.20		
3	256QAM	1	0	18.14	18.25	18.11	20	0
3	256QAM	1	8	18.03	18.36	18.08		
3	256QAM	1	14	18.15	18.13	18.07		
3	256QAM	8	0	18.09	18.22	18.16	20	0
3	256QAM	8	4	18.06	18.20	18.18		
3	256QAM	8	7	18.01	18.15	18.20		
3	256QAM	15	0	18.09	18.21	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.18	18.39	18.20	20	0
1.4	QPSK	1	3	18.21	18.19	18.26		
1.4	QPSK	1	5	18.21	18.25	18.19		
1.4	QPSK	3	0	18.02	18.28	18.08		
1.4	QPSK	3	1	18.12	18.06	18.08		
1.4	QPSK	3	3	18.08	18.16	18.08		
1.4	QPSK	6	0	18.02	18.04	18.07	20	0
1.4	16QAM	1	0	18.06	18.01	18.05	20	0
1.4	16QAM	1	3	18.00	18.04	18.16		
1.4	16QAM	1	5	18.06	18.01	18.01		
1.4	16QAM	3	0	18.15	18.14	18.15		
1.4	16QAM	3	1	18.17	18.10	18.22		
1.4	16QAM	3	3	18.22	18.11	18.17		
1.4	16QAM	6	0	18.04	18.21	18.10	20	0
1.4	64QAM	1	0	18.04	18.04	18.23	20	0
1.4	64QAM	1	3	18.06	18.06	18.09		
1.4	64QAM	1	5	18.14	18.28	18.13		
1.4	64QAM	3	0	18.22	18.14	18.18		
1.4	64QAM	3	1	18.07	18.05	18.05		
1.4	64QAM	3	3	18.12	18.29	18.17		
1.4	64QAM	6	0	18.13	18.22	18.20	20	0
1.4	256QAM	1	0	18.06	18.25	18.05	20	0
1.4	256QAM	1	3	18.05	18.29	18.05		
1.4	256QAM	1	5	18.21	18.23	18.22		
1.4	256QAM	3	0	18.03	18.19	18.07		
1.4	256QAM	3	1	18.02	18.16	18.15		
1.4	256QAM	3	3	18.15	18.12	18.12		
1.4	256QAM	6	0	18.08	18.11	18.07	20	0

Band 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.69	19.77	19.68	20.7	0
20	QPSK	1	49	19.60	19.74	19.65		
20	QPSK	1	99	19.53	19.64	19.65		
20	QPSK	50	0	19.48	19.62	19.59	20.7	0
20	QPSK	50	24	19.56	19.47	19.48		
20	QPSK	50	50	19.51	19.45	19.52		
20	QPSK	100	0	19.26	19.44	19.34		
20	16QAM	1	0	19.37	19.55	19.59	20.7	0
20	16QAM	1	49	19.44	19.37	19.50		
20	16QAM	1	99	19.34	19.40	19.45		
20	16QAM	50	0	19.54	19.50	19.51	20.7	0
20	16QAM	50	24	19.53	19.56	19.64		
20	16QAM	50	50	19.62	19.49	19.56		
20	16QAM	100	0	19.42	19.71	19.53		
20	64QAM	1	0	19.58	19.48	19.65	20.7	0
20	64QAM	1	49	19.51	19.47	19.60		
20	64QAM	1	99	19.59	19.70	19.51		
20	64QAM	50	0	19.62	19.55	19.54	20.7	0
20	64QAM	50	24	19.45	19.51	19.55		
20	64QAM	50	50	19.55	19.65	19.70		
20	64QAM	100	0	19.51	19.52	19.59		
20	256QAM	1	0	19.49	19.68	19.59	20.7	0
20	256QAM	1	49	19.42	19.71	19.50		
20	256QAM	1	99	19.56	19.51	19.53		
20	256QAM	50	0	19.45	19.70	19.49	20.7	0
20	256QAM	50	24	19.38	19.63	19.50		
20	256QAM	50	50	19.52	19.55	19.57		
20	256QAM	100	0	19.54	19.65	19.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.56	19.64	19.48	20.7	0
15	QPSK	1	37	19.50	19.62	19.50		
15	QPSK	1	74	19.57	19.57	19.53		
15	QPSK	36	0	19.38	19.49	19.39	20.7	0
15	QPSK	36	20	19.36	19.46	19.32		
15	QPSK	36	39	19.37	19.41	19.32		
15	QPSK	75	0	19.31	19.37	19.18		
15	16QAM	1	0	19.35	19.38	19.47	20.7	0
15	16QAM	1	37	19.42	19.32	19.46		
15	16QAM	1	74	19.35	19.38	19.37		
15	16QAM	36	0	19.46	19.36	19.47	20.7	0
15	16QAM	36	20	19.50	19.43	19.58		
15	16QAM	36	39	19.41	19.47	19.46		
15	16QAM	75	0	19.43	19.54	19.45		
15	64QAM	1	0	19.49	19.40	19.58	20.7	0
15	64QAM	1	37	19.43	19.37	19.54		
15	64QAM	1	74	19.50	19.58	19.44		
15	64QAM	36	0	19.49	19.53	19.35	20.7	0
15	64QAM	36	20	19.44	19.48	19.39		
15	64QAM	36	39	19.44	19.52	19.53		
15	64QAM	75	0	19.50	19.46	19.53		
15	256QAM	1	0	19.46	19.50	19.50	20.7	0
15	256QAM	1	37	19.35	19.59	19.42		
15	256QAM	1	74	19.56	19.56	19.38		
15	256QAM	36	0	19.36	19.49	19.54	20.7	0
15	256QAM	36	20	19.37	19.40	19.39		
15	256QAM	36	39	19.42	19.39	19.54		
15	256QAM	75	0	19.42	19.50	19.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.63	19.57	20.7	0
10	QPSK	1	25	19.56	19.60	19.59		
10	QPSK	1	49	19.42	19.49	19.42		
10	QPSK	25	0	19.37	19.58	19.35	20.7	0
10	QPSK	25	12	19.33	19.46	19.44		
10	QPSK	25	25	19.34	19.49	19.32		
10	QPSK	50	0	19.29	19.47	19.23		
10	16QAM	1	0	19.25	19.45	19.43	20.7	0
10	16QAM	1	25	19.32	19.28	19.39		
10	16QAM	1	49	19.33	19.38	19.35		
10	16QAM	25	0	19.44	19.41	19.37	20.7	0
10	16QAM	25	12	19.52	19.45	19.52		
10	16QAM	25	25	19.51	19.35	19.48		
10	16QAM	50	0	19.31	19.52	19.55		
10	64QAM	1	0	19.42	19.44	19.55	20.7	0
10	64QAM	1	25	19.34	19.36	19.47		
10	64QAM	1	49	19.38	19.48	19.43		
10	64QAM	25	0	19.39	19.48	19.34	20.7	0
10	64QAM	25	12	19.40	19.39	19.35		
10	64QAM	25	25	19.37	19.59	19.62		
10	64QAM	50	0	19.49	19.45	19.50		
10	256QAM	1	0	19.38	19.50	19.38	20.7	0
10	256QAM	1	25	19.35	19.65	19.51		
10	256QAM	1	49	19.48	19.41	19.47		
10	256QAM	25	0	19.44	19.48	19.48	20.7	0
10	256QAM	25	12	19.29	19.44	19.47		
10	256QAM	25	25	19.34	19.53	19.51		
10	256QAM	50	0	19.45	19.43	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.46	19.58	19.55	20.7	0
5	QPSK	1	12	19.62	19.64	19.51		
5	QPSK	1	24	19.53	19.55	19.41		
5	QPSK	12	0	19.31	19.52	19.41	20.7	0
5	QPSK	12	7	19.36	19.46	19.35		
5	QPSK	12	13	19.44	19.46	19.28		
5	QPSK	25	0	19.27	19.44	19.28		
5	16QAM	1	0	19.36	19.33	19.46	20.7	0
5	16QAM	1	12	19.35	19.31	19.47		
5	16QAM	1	24	19.33	19.29	19.41		
5	16QAM	12	0	19.38	19.32	19.41	20.7	0
5	16QAM	12	7	19.39	19.41	19.52		
5	16QAM	12	13	19.47	19.39	19.41		
5	16QAM	25	0	19.31	19.52	19.49		
5	64QAM	1	0	19.47	19.46	19.43	20.7	0
5	64QAM	1	12	19.35	19.45	19.43		
5	64QAM	1	24	19.42	19.60	19.40		
5	64QAM	12	0	19.39	19.44	19.42	20.7	0
5	64QAM	12	7	19.43	19.52	19.37		
5	64QAM	12	13	19.37	19.52	19.63		
5	64QAM	25	0	19.43	19.45	19.55		
5	256QAM	1	0	19.39	19.58	19.45	20.7	0
5	256QAM	1	12	19.35	19.57	19.47		
5	256QAM	1	24	19.57	19.53	19.48		
5	256QAM	12	0	19.36	19.46	19.45	20.7	0
5	256QAM	12	7	19.36	19.52	19.54		
5	256QAM	12	13	19.42	19.45	19.48		
5	256QAM	25	0	19.33	19.55	19.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.56	19.66	19.61	20.7	0
3	QPSK	1	8	19.57	19.65	19.50		
3	QPSK	1	14	19.55	19.55	19.52		
3	QPSK	8	0	19.34	19.54	19.42	20.7	0
3	QPSK	8	4	19.46	19.45	19.32		
3	QPSK	8	7	19.37	19.38	19.28		
3	QPSK	15	0	19.28	19.47	19.24		
3	16QAM	1	0	19.27	19.35	19.39	20.7	0
3	16QAM	1	8	19.33	19.36	19.35		
3	16QAM	1	14	19.28	19.39	19.38		
3	16QAM	8	0	19.43	19.32	19.45	20.7	0
3	16QAM	8	4	19.48	19.47	19.53		
3	16QAM	8	7	19.55	19.44	19.50		
3	16QAM	15	0	19.34	19.59	19.55		
3	64QAM	1	0	19.42	19.43	19.50	20.7	0
3	64QAM	1	8	19.43	19.38	19.48		
3	64QAM	1	14	19.48	19.62	19.46		
3	64QAM	8	0	19.43	19.55	19.46	20.7	0
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.33	19.60	19.58		
3	64QAM	15	0	19.37	19.46	19.52		
3	256QAM	1	0	19.34	19.49	19.43	20.7	0
3	256QAM	1	8	19.33	19.53	19.38		
3	256QAM	1	14	19.42	19.41	19.42		
3	256QAM	8	0	19.38	19.60	19.52	20.7	0
3	256QAM	8	4	19.41	19.45	19.49		
3	256QAM	8	7	19.36	19.49	19.52		
3	256QAM	15	0	19.42	19.56	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.55	19.70	19.50	20.7	0
1.4	QPSK	1	3	19.61	19.56	19.56		
1.4	QPSK	1	5	19.46	19.50	19.55		
1.4	QPSK	3	0	19.39	19.63	19.41		
1.4	QPSK	3	1	19.48	19.45	19.40		
1.4	QPSK	3	3	19.31	19.46	19.36		
1.4	QPSK	6	0	19.22	19.41	19.17	20.7	0
1.4	16QAM	1	0	19.39	19.39	19.50	20.7	0
1.4	16QAM	1	3	19.30	19.29	19.44		
1.4	16QAM	1	5	19.30	19.33	19.35		
1.4	16QAM	3	0	19.42	19.43	19.34		
1.4	16QAM	3	1	19.43	19.40	19.49		
1.4	16QAM	3	3	19.55	19.46	19.43		
1.4	16QAM	6	0	19.38	19.52	19.49	20.7	0
1.4	64QAM	1	0	19.42	19.39	19.54	20.7	0
1.4	64QAM	1	3	19.34	19.47	19.51		
1.4	64QAM	1	5	19.50	19.50	19.50		
1.4	64QAM	3	0	19.51	19.52	19.45		
1.4	64QAM	3	1	19.40	19.37	19.40		
1.4	64QAM	3	3	19.40	19.61	19.63		
1.4	64QAM	6	0	19.44	19.46	19.52	20.7	0
1.4	256QAM	1	0	19.50	19.57	19.48	20.7	0
1.4	256QAM	1	3	19.33	19.58	19.36		
1.4	256QAM	1	5	19.46	19.53	19.42		
1.4	256QAM	3	0	19.37	19.50	19.41		
1.4	256QAM	3	1	19.34	19.54	19.42		
1.4	256QAM	3	3	19.40	19.46	19.56		
1.4	256QAM	6	0	19.42	19.42	19.42	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.49	19.69	19.61	20.7	0
20	QPSK	1	49	19.57	19.66	19.49		
20	QPSK	1	99	19.50	19.52	19.55		
20	QPSK	50	0	19.35	19.62	19.41	20.7	0
20	QPSK	50	24	19.41	19.37	19.31		
20	QPSK	50	50	19.32	19.40	19.41		
20	QPSK	100	0	19.25	19.33	19.29		
20	16QAM	1	0	19.27	19.48	19.48	20.7	0
20	16QAM	1	49	19.31	19.27	19.40		
20	16QAM	1	99	19.32	19.33	19.28		
20	16QAM	50	0	19.45	19.44	19.46	20.7	0
20	16QAM	50	24	19.45	19.47	19.52		
20	16QAM	50	50	19.52	19.46	19.49		
20	16QAM	100	0	19.29	19.54	19.43		
20	64QAM	1	0	19.45	19.49	19.55	20.7	0
20	64QAM	1	49	19.48	19.37	19.45		
20	64QAM	1	99	19.52	19.58	19.46		
20	64QAM	50	0	19.53	19.51	19.47	20.7	0
20	64QAM	50	24	19.42	19.46	19.46		
20	64QAM	50	50	19.43	19.61	19.52		
20	64QAM	100	0	19.40	19.42	19.52		
20	256QAM	1	0	19.35	19.57	19.42	20.7	0
20	256QAM	1	49	19.39	19.61	19.47		
20	256QAM	1	99	19.49	19.56	19.40		
20	256QAM	50	0	19.38	19.59	19.53	20.7	0
20	256QAM	50	24	19.35	19.57	19.48		
20	256QAM	50	50	19.35	19.51	19.47		
20	256QAM	100	0	19.46	19.45	19.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.35	19.56	19.49	20.7	0
15	QPSK	1	37	19.41	19.46	19.45		
15	QPSK	1	74	19.40	19.42	19.33		
15	QPSK	36	0	19.29	19.50	19.32	20.7	0
15	QPSK	36	20	19.24	19.40	19.23		
15	QPSK	36	39	19.33	19.29	19.28		
15	QPSK	75	0	19.07	19.35	19.08		
15	16QAM	1	0	19.30	19.30	19.40	20.7	0
15	16QAM	1	37	19.19	19.31	19.37		
15	16QAM	1	74	19.17	19.17	19.26		
15	16QAM	36	0	19.40	19.28	19.23	20.7	0
15	16QAM	36	20	19.38	19.27	19.48		
15	16QAM	36	39	19.46	19.37	19.42		
15	16QAM	75	0	19.25	19.52	19.40		
15	64QAM	1	0	19.40	19.41	19.38	20.7	0
15	64QAM	1	37	19.37	19.39	19.44		
15	64QAM	1	74	19.32	19.47	19.41		
15	64QAM	36	0	19.37	19.41	19.28	20.7	0
15	64QAM	36	20	19.24	19.28	19.28		
15	64QAM	36	39	19.31	19.45	19.52		
15	64QAM	75	0	19.43	19.37	19.49		
15	256QAM	1	0	19.40	19.45	19.39	20.7	0
15	256QAM	1	37	19.32	19.59	19.30		
15	256QAM	1	74	19.46	19.37	19.39		
15	256QAM	36	0	19.29	19.40	19.32	20.7	0
15	256QAM	36	20	19.26	19.35	19.42		
15	256QAM	36	39	19.35	19.44	19.34		
15	256QAM	75	0	19.28	19.34	19.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.38	19.56	19.40	20.7	0
10	QPSK	1	25	19.44	19.56	19.53		
10	QPSK	1	49	19.35	19.52	19.34		
10	QPSK	25	0	19.28	19.45	19.32	20.7	0
10	QPSK	25	12	19.36	19.38	19.32		
10	QPSK	25	25	19.28	19.27	19.26		
10	QPSK	50	0	19.18	19.26	19.13		
10	16QAM	1	0	19.22	19.24	19.39	20.7	0
10	16QAM	1	25	19.31	19.26	19.32		
10	16QAM	1	49	19.21	19.29	19.30		
10	16QAM	25	0	19.40	19.31	19.35	20.7	0
10	16QAM	25	12	19.33	19.40	19.36		
10	16QAM	25	25	19.34	19.31	19.32		
10	16QAM	50	0	19.28	19.41	19.43		
10	64QAM	1	0	19.26	19.26	19.47	20.7	0
10	64QAM	1	25	19.25	19.33	19.42		
10	64QAM	1	49	19.37	19.39	19.32		
10	64QAM	25	0	19.41	19.43	19.30	20.7	0
10	64QAM	25	12	19.28	19.41	19.23		
10	64QAM	25	25	19.34	19.37	19.53		
10	64QAM	50	0	19.36	19.41	19.44		
10	256QAM	1	0	19.27	19.39	19.34	20.7	0
10	256QAM	1	25	19.21	19.60	19.37		
10	256QAM	1	49	19.47	19.35	19.32		
10	256QAM	25	0	19.33	19.38	19.34	20.7	0
10	256QAM	25	12	19.25	19.32	19.43		
10	256QAM	25	25	19.25	19.33	19.39		
10	256QAM	50	0	19.36	19.42	19.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.37	19.49	19.39	20.7	0
5	QPSK	1	12	19.54	19.56	19.49		
5	QPSK	1	24	19.46	19.47	19.44		
5	QPSK	12	0	19.34	19.50	19.39	20.7	0
5	QPSK	12	7	19.39	19.28	19.32		
5	QPSK	12	13	19.29	19.37	19.30		
5	QPSK	25	0	19.14	19.23	19.13		
5	16QAM	1	0	19.17	19.27	19.33	20.7	0
5	16QAM	1	12	19.19	19.24	19.36		
5	16QAM	1	24	19.22	19.24	19.20		
5	16QAM	12	0	19.38	19.36	19.25	20.7	0
5	16QAM	12	7	19.37	19.33	19.48		
5	16QAM	12	13	19.40	19.40	19.36		
5	16QAM	25	0	19.33	19.46	19.43		
5	64QAM	1	0	19.38	19.28	19.42	20.7	0
5	64QAM	1	12	19.27	19.30	19.43		
5	64QAM	1	24	19.42	19.54	19.45		
5	64QAM	12	0	19.35	19.46	19.40	20.7	0
5	64QAM	12	7	19.28	19.37	19.28		
5	64QAM	12	13	19.31	19.41	19.42		
5	64QAM	25	0	19.30	19.32	19.35		
5	256QAM	1	0	19.37	19.42	19.31	20.7	0
5	256QAM	1	12	19.30	19.54	19.37		
5	256QAM	1	24	19.42	19.36	19.41		
5	256QAM	12	0	19.40	19.48	19.43	20.7	0
5	256QAM	12	7	19.28	19.40	19.34		
5	256QAM	12	13	19.32	19.39	19.41		
5	256QAM	25	0	19.39	19.37	19.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.06	19.25	19.09	20.5	0
20	QPSK	1	49	19.07	19.16	19.05		
20	QPSK	1	99	19.01	18.92	19.03		
20	QPSK	50	0	18.94	19.03	18.99	20.5	0
20	QPSK	50	24	18.92	18.91	18.94		
20	QPSK	50	50	18.94	18.98	18.88		
20	QPSK	100	0	18.79	18.91	18.78		
20	16QAM	1	0	18.86	18.95	18.95	20.5	0
20	16QAM	1	49	18.90	18.83	19.00		
20	16QAM	1	99	18.89	18.81	18.91		
20	16QAM	50	0	19.01	18.92	19.02	20.5	0
20	16QAM	50	24	18.95	19.00	19.07		
20	16QAM	50	50	19.01	18.99	19.08		
20	16QAM	100	0	18.90	19.04	19.07		
20	64QAM	1	0	18.90	18.95	19.04	20.5	0
20	64QAM	1	49	18.90	18.91	19.08		
20	64QAM	1	99	18.94	19.07	19.04		
20	64QAM	50	0	19.08	19.01	18.97	20.5	0
20	64QAM	50	24	18.94	19.01	18.98		
20	64QAM	50	50	18.98	19.12	19.09		
20	64QAM	100	0	19.06	19.06	19.01		
20	256QAM	1	0	18.95	19.02	18.91	20.5	0
20	256QAM	1	49	18.88	19.09	18.91		
20	256QAM	1	99	19.09	19.07	18.96		
20	256QAM	50	0	18.94	19.10	19.04	20.5	0
20	256QAM	50	24	18.81	19.08	19.02		
20	256QAM	50	50	18.96	19.03	19.07		
20	256QAM	100	0	19.03	19.08	19.05		
3	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	18.72	18.90	18.77	20.5	0
15	QPSK	1	37	18.76	18.83	18.82		
15	QPSK	1	74	18.72	18.84	18.82		
15	QPSK	36	0	18.57	18.84	18.64	20.5	0
15	QPSK	36	20	18.60	18.69	18.58		
15	QPSK	36	39	18.67	18.70	18.69		
15	QPSK	75	0	18.54	18.62	18.54		
15	16QAM	1	0	18.62	18.65	18.66	20.5	0
15	16QAM	1	37	18.64	18.56	18.66		
15	16QAM	1	74	18.57	18.52	18.63		
15	16QAM	36	0	18.74	18.62	18.64	20.5	0
15	16QAM	36	20	18.69	18.65	18.83		
15	16QAM	36	39	18.80	18.75	18.77		
15	16QAM	75	0	18.68	18.77	18.69		
15	64QAM	1	0	18.64	18.66	18.74	20.5	0
15	64QAM	1	37	18.61	18.61	18.70		
15	64QAM	1	74	18.78	18.82	18.70		
15	64QAM	36	0	18.69	18.70	18.61	20.5	0
15	64QAM	36	20	18.59	18.69	18.68		
15	64QAM	36	39	18.62	18.86	18.80		
15	64QAM	75	0	18.70	18.82	18.79		
15	256QAM	1	0	18.74	18.83	18.75	20.5	0
15	256QAM	1	37	18.65	18.84	18.71		
15	256QAM	1	74	18.71	18.79	18.77		
15	256QAM	36	0	18.63	18.82	18.72	20.5	0
15	256QAM	36	20	18.62	18.79	18.73		
15	256QAM	36	39	18.62	18.81	18.72		
15	256QAM	75	0	18.72	18.71	18.80		
10	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	18.85	18.87	18.74	20.5	0
10	QPSK	1	25	18.81	18.79	18.81		
10	QPSK	1	49	18.85	18.80	18.77		
10	QPSK	25	0	18.64	18.80	18.63	20.5	0
10	QPSK	25	12	18.74	18.73	18.67		
10	QPSK	25	25	18.61	18.69	18.67		
10	QPSK	50	0	18.52	18.60	18.53		
10	16QAM	1	0	18.52	18.71	18.66	20.5	0
10	16QAM	1	25	18.61	18.52	18.67		
10	16QAM	1	49	18.51	18.59	18.67		
10	16QAM	25	0	18.66	18.70	18.67	20.5	0
10	16QAM	25	12	18.76	18.60	18.82		
10	16QAM	25	25	18.68	18.62	18.66		
10	16QAM	50	0	18.71	18.85	18.69		
10	64QAM	1	0	18.65	18.69	18.79	20.5	0
10	64QAM	1	25	18.71	18.66	18.81		
10	64QAM	1	49	18.64	18.87	18.80		
10	64QAM	25	0	18.78	18.82	18.72	20.5	0
10	64QAM	25	12	18.71	18.67	18.61		
10	64QAM	25	25	18.57	18.75	18.83		
10	64QAM	50	0	18.66	18.76	18.78		
10	256QAM	1	0	18.70	18.78	18.76	20.5	0
10	256QAM	1	25	18.53	18.81	18.75		
10	256QAM	1	49	18.84	18.78	18.67		
10	256QAM	25	0	18.75	18.78	18.68	20.5	0
10	256QAM	25	12	18.55	18.69	18.75		
10	256QAM	25	25	18.75	18.66	18.79		
10	256QAM	50	0	18.71	18.67	18.66		
5	Channel			26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	18.84	18.88	18.79	20.5	0
5	QPSK	1	12	18.76	18.79	18.90		
5	QPSK	1	24	18.70	18.80	18.73		
5	QPSK	12	0	18.71	18.85	18.67	20.5	0
5	QPSK	12	7	18.63	18.64	18.68		
5	QPSK	12	13	18.65	18.76	18.61		
5	QPSK	25	0	18.53	18.66	18.56		
5	16QAM	1	0	18.61	18.59	18.68	20.5	0
5	16QAM	1	12	18.58	18.55	18.68		
5	16QAM	1	24	18.53	18.59	18.59		
5	16QAM	12	0	18.66	18.72	18.70	20.5	0
5	16QAM	12	7	18.71	18.68	18.82		
5	16QAM	12	13	18.78	18.62	18.73		
5	16QAM	25	0	18.57	18.88	18.74		
5	64QAM	1	0	18.72	18.66	18.73	20.5	0
5	64QAM	1	12	18.62	18.76	18.71		
5	64QAM	1	24	18.63	18.80	18.70		
5	64QAM	12	0	18.77	18.78	18.69	20.5	0
5	64QAM	12	7	18.68	18.79	18.59		
5	64QAM	12	13	18.65	18.82	18.83		
5	64QAM	25	0	18.72	18.71	18.79		
5	256QAM	1	0	18.77	18.79	18.74	20.5	0
5	256QAM	1	12	18.53	18.95	18.69		
5	256QAM	1	24	18.85	18.74	18.80		
5	256QAM	12	0	18.76	18.73	18.70	20.5	0
5	256QAM	12	7	18.68	18.75	18.78		
5	256QAM	12	13	18.64	18.69	18.82		
5	256QAM	25	0	18.61	18.80	18.72		
3	Channel			26035	26340	26675	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	18.72	18.86	18.78	20.5	0
3	QPSK	1	8	18.76	18.79	18.90		
3	QPSK	1	14	18.83	18.74	18.69		
3	QPSK	8	0	18.66	18.82	18.61	20.5	0
3	QPSK	8	4	18.62	18.72	18.56		
3	QPSK	8	7	18.56	18.74	18.54		
3	QPSK	15	0	18.58	18.59	18.51		
3	16QAM	1	0	18.51	18.59	18.66	20.5	0
3	16QAM	1	8	18.59	18.67	18.70		
3	16QAM	1	14	18.61	18.52	18.64		
3	16QAM	8	0	18.67	18.70	18.62	20.5	0
3	16QAM	8	4	18.77	18.62	18.85		
3	16QAM	8	7	18.76	18.73	18.79		
3	16QAM	15	0	18.61	18.85	18.74		
3	64QAM	1	0	18.64	18.71	18.74	20.5	0
3	64QAM	1	8	18.67	18.75	18.81		
3	64QAM	1	14	18.68	18.89	18.78		
3	64QAM	8	0	18.72	18.78	18.70	20.5	0
3	64QAM	8	4	18.64	18.68	18.58		
3	64QAM	8	7	18.63	18.76	18.81		
3	64QAM	15	0	18.77	18.72	18.82		
3	256QAM	1	0	18.71	18.77	18.75	20.5	0
3	256QAM	1	8	18.54	18.91	18.75		
3	256QAM	1	14	18.62	18.68	18.80		
3	256QAM	8	0	18.73	18.86	18.77	20.5	0
3	256QAM	8	4	18.54	18.74	18.75		
3	256QAM	8	7	18.64	18.74	18.79		
3	256QAM	15	0	18.64	18.71	18.77		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	18.73	18.85	18.87	20.5	0
1.4	QPSK	1	3	18.82	18.89	18.86		
1.4	QPSK	1	5	18.73	18.83	18.67		
1.4	QPSK	3	0	18.59	18.83	18.68		
1.4	QPSK	3	1	18.59	18.65	18.60		
1.4	QPSK	3	3	18.58	18.70	18.55		
1.4	QPSK	6	0	18.53	18.65	18.54	20.5	0
1.4	16QAM	1	0	18.56	18.66	18.65	20.5	0
1.4	16QAM	1	3	18.62	18.64	18.65		
1.4	16QAM	1	5	18.52	18.52	18.58		
1.4	16QAM	3	0	18.63	18.58	18.60		
1.4	16QAM	3	1	18.78	18.70	18.79		
1.4	16QAM	3	3	18.73	18.69	18.71		
1.4	16QAM	6	0	18.57	18.86	18.78	20.5	0
1.4	64QAM	1	0	18.64	18.76	18.71	20.5	0
1.4	64QAM	1	3	18.66	18.75	18.72		
1.4	64QAM	1	5	18.69	18.91	18.70		
1.4	64QAM	3	0	18.81	18.77	18.63		
1.4	64QAM	3	1	18.73	18.75	18.63		
1.4	64QAM	3	3	18.70	18.78	18.79		
1.4	64QAM	6	0	18.73	18.79	18.79	20.5	0
1.4	256QAM	1	0	18.71	18.87	18.73	20.5	0
1.4	256QAM	1	3	18.58	18.93	18.67		
1.4	256QAM	1	5	18.81	18.78	18.68		
1.4	256QAM	3	0	18.73	18.86	18.74		
1.4	256QAM	3	1	18.65	18.72	18.76		
1.4	256QAM	3	3	18.68	18.73	18.78		
1.4	256QAM	6	0	18.60	18.72	18.68	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.53	18.71	18.50	19.7	0
20	QPSK	1	49	18.65	18.59	18.54		
20	QPSK	1	99	18.44	18.56	18.43		
20	QPSK	50	0	18.38	18.59	18.47	19.7	0
20	QPSK	50	24	18.34	18.49	18.42		
20	QPSK	50	50	18.39	18.43	18.35		
20	QPSK	100	0	18.16	18.40	18.24		
20	16QAM	1	0	18.28	18.47	18.39	19.7	0
20	16QAM	1	49	18.41	18.41	18.36		
20	16QAM	1	99	18.39	18.39	18.42		
20	16QAM	50	0	18.42	18.42	18.44	19.7	0
20	16QAM	50	24	18.53	18.35	18.58		
20	16QAM	50	50	18.51	18.50	18.55		
20	16QAM	100	0	18.35	18.49	18.57		
20	64QAM	1	0	18.43	18.49	18.44	19.7	0
20	64QAM	1	49	18.40	18.40	18.51		
20	64QAM	1	99	18.42	18.60	18.54		
20	64QAM	50	0	18.55	18.49	18.37	19.7	0
20	64QAM	50	24	18.48	18.54	18.42		
20	64QAM	50	50	18.44	18.60	18.59		
20	64QAM	100	0	18.50	18.49	18.55		
20	256QAM	1	0	18.41	18.58	18.46	19.7	0
20	256QAM	1	49	18.30	18.69	18.39		
20	256QAM	1	99	18.44	18.50	18.46		
20	256QAM	50	0	18.38	18.58	18.54	19.7	0
20	256QAM	50	24	18.35	18.52	18.45		
20	256QAM	50	50	18.34	18.44	18.58		
20	256QAM	100	0	18.43	18.48	18.41		
15	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.47	18.61	18.50	19.7	0
15	QPSK	1	37	18.49	18.43	18.52		
15	QPSK	1	74	18.36	18.40	18.36		
15	QPSK	36	0	18.25	18.53	18.34	19.7	0
15	QPSK	36	20	18.26	18.34	18.34		
15	QPSK	36	39	18.31	18.27	18.30		
15	QPSK	75	0	18.21	18.35	18.13		
15	16QAM	1	0	18.26	18.32	18.27	19.7	0
15	16QAM	1	37	18.19	18.21	18.29		
15	16QAM	1	74	18.30	18.28	18.32		
15	16QAM	36	0	18.28	18.36	18.34	19.7	0
15	16QAM	36	20	18.44	18.39	18.40		
15	16QAM	36	39	18.36	18.27	18.39		
15	16QAM	75	0	18.32	18.46	18.34		
15	64QAM	1	0	18.40	18.37	18.33	19.7	0
15	64QAM	1	37	18.36	18.30	18.33		
15	64QAM	1	74	18.37	18.45	18.30		
15	64QAM	36	0	18.30	18.42	18.36	19.7	0
15	64QAM	36	20	18.37	18.30	18.29		
15	64QAM	36	39	18.34	18.50	18.41		
15	64QAM	75	0	18.30	18.40	18.36		
15	256QAM	1	0	18.40	18.42	18.40	19.7	0
15	256QAM	1	37	18.26	18.57	18.41		
15	256QAM	1	74	18.45	18.34	18.45		
15	256QAM	36	0	18.28	18.49	18.30	19.7	0
15	256QAM	36	20	18.21	18.47	18.36		
15	256QAM	36	39	18.30	18.43	18.36		
15	256QAM	75	0	18.39	18.34	18.34		
10	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.36	18.56	18.50	19.7	0
10	QPSK	1	25	18.52	18.52	18.49		
10	QPSK	1	49	18.41	18.40	18.35		
10	QPSK	25	0	18.27	18.42	18.29	19.7	0
10	QPSK	25	12	18.29	18.34	18.25		
10	QPSK	25	25	18.34	18.35	18.26		
10	QPSK	50	0	18.07	18.25	18.05		
10	16QAM	1	0	18.28	18.29	18.35	19.7	0
10	16QAM	1	25	18.34	18.21	18.32		
10	16QAM	1	49	18.24	18.17	18.23		
10	16QAM	25	0	18.30	18.27	18.30	19.7	0
10	16QAM	25	12	18.38	18.25	18.44		
10	16QAM	25	25	18.33	18.26	18.38		
10	16QAM	50	0	18.25	18.48	18.47		
10	64QAM	1	0	18.35	18.32	18.40	19.7	0
10	64QAM	1	25	18.36	18.26	18.39		
10	64QAM	1	49	18.32	18.53	18.40		
10	64QAM	25	0	18.40	18.41	18.38	19.7	0
10	64QAM	25	12	18.34	18.38	18.34		
10	64QAM	25	25	18.26	18.51	18.50		
10	64QAM	50	0	18.35	18.40	18.43		
10	256QAM	1	0	18.35	18.45	18.32	19.7	0
10	256QAM	1	25	18.25	18.54	18.38		
10	256QAM	1	49	18.38	18.33	18.31		
10	256QAM	25	0	18.27	18.45	18.39	19.7	0
10	256QAM	25	12	18.27	18.35	18.40		
10	256QAM	25	25	18.34	18.41	18.45		
10	256QAM	50	0	18.27	18.38	18.42		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.49	18.51	19.7	0
5	QPSK	1	12	18.42	18.45	18.39		
5	QPSK	1	24	18.37	18.43	18.41		
5	QPSK	12	0	18.33	18.46	18.26	19.7	0
5	QPSK	12	7	18.36	18.31	18.27		
5	QPSK	12	13	18.27	18.30	18.18		
5	QPSK	25	0	18.07	18.26	18.20		
5	16QAM	1	0	18.17	18.29	18.42	19.7	0
5	16QAM	1	12	18.21	18.17	18.23		
5	16QAM	1	24	18.17	18.15	18.26		
5	16QAM	12	0	18.39	18.28	18.32	19.7	0
5	16QAM	12	7	18.33	18.27	18.37		
5	16QAM	12	13	18.31	18.35	18.36		
5	16QAM	25	0	18.24	18.44	18.35		
5	64QAM	1	0	18.28	18.40	18.40	19.7	0
5	64QAM	1	12	18.26	18.39	18.48		
5	64QAM	1	24	18.37	18.51	18.37		
5	64QAM	12	0	18.43	18.49	18.28	19.7	0
5	64QAM	12	7	18.37	18.42	18.25		
5	64QAM	12	13	18.21	18.40	18.40		
5	64QAM	25	0	18.43	18.46	18.34		
5	256QAM	1	0	18.28	18.46	18.41	19.7	0
5	256QAM	1	12	18.24	18.58	18.30		
5	256QAM	1	24	18.39	18.37	18.42		
5	256QAM	12	0	18.29	18.45	18.41	19.7	0
5	256QAM	12	7	18.28	18.35	18.39		
5	256QAM	12	13	18.30	18.33	18.42		
5	256QAM	25	0	18.26	18.42	18.35		
3	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	18.38	18.62	18.48	19.7	0
3	QPSK	1	8	18.52	18.51	18.39		
3	QPSK	1	14	18.39	18.39	18.41		
3	QPSK	8	0	18.32	18.45	18.33	19.7	0
3	QPSK	8	4	18.28	18.39	18.28		
3	QPSK	8	7	18.25	18.42	18.25		
3	QPSK	15	0	18.08	18.32	18.11		
3	16QAM	1	0	18.19	18.36	18.32	19.7	0
3	16QAM	1	8	18.22	18.24	18.32		
3	16QAM	1	14	18.16	18.19	18.30		
3	16QAM	8	0	18.43	18.36	18.26	19.7	0
3	16QAM	8	4	18.33	18.35	18.37		
3	16QAM	8	7	18.38	18.32	18.31		
3	16QAM	15	0	18.21	18.42	18.33		
3	64QAM	1	0	18.29	18.33	18.41	19.7	0
3	64QAM	1	8	18.33	18.35	18.42		
3	64QAM	1	14	18.37	18.49	18.37		
3	64QAM	8	0	18.43	18.45	18.38	19.7	0
3	64QAM	8	4	18.30	18.36	18.31		
3	64QAM	8	7	18.28	18.39	18.47		
3	64QAM	15	0	18.43	18.42	18.42		
3	256QAM	1	0	18.26	18.45	18.32	19.7	0
3	256QAM	1	8	18.30	18.45	18.29		
3	256QAM	1	14	18.46	18.41	18.38		
3	256QAM	8	0	18.29	18.45	18.40	19.7	0
3	256QAM	8	4	18.19	18.40	18.45		
3	256QAM	8	7	18.25	18.35	18.45		
3	256QAM	15	0	18.24	18.40	18.39		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	18.44	18.63	18.50	19.7	0
1.4	QPSK	1	3	18.48	18.49	18.45		
1.4	QPSK	1	5	18.49	18.43	18.38		
1.4	QPSK	3	0	18.33	18.41	18.38		
1.4	QPSK	3	1	18.36	18.41	18.27		
1.4	QPSK	3	3	18.27	18.37	18.33		
1.4	QPSK	6	0	18.21	18.26	18.04	19.7	0
1.4	16QAM	1	0	18.29	18.29	18.39	19.7	0
1.4	16QAM	1	3	18.20	18.27	18.26		
1.4	16QAM	1	5	18.24	18.21	18.26		
1.4	16QAM	3	0	18.36	18.30	18.23		
1.4	16QAM	3	1	18.32	18.29	18.43		
1.4	16QAM	3	3	18.42	18.41	18.30		
1.4	16QAM	6	0	18.26	18.40	18.46	19.7	0
1.4	64QAM	1	0	18.25	18.36	18.35	19.7	0
1.4	64QAM	1	3	18.24	18.28	18.35		
1.4	64QAM	1	5	18.43	18.48	18.32		
1.4	64QAM	3	0	18.37	18.45	18.41		
1.4	64QAM	3	1	18.28	18.34	18.29		
1.4	64QAM	3	3	18.35	18.41	18.42		
1.4	64QAM	6	0	18.42	18.48	18.40	19.7	0
1.4	256QAM	1	0	18.29	18.51	18.30	19.7	0
1.4	256QAM	1	3	18.27	18.50	18.34		
1.4	256QAM	1	5	18.39	18.33	18.41		
1.4	256QAM	3	0	18.41	18.49	18.40		
1.4	256QAM	3	1	18.32	18.46	18.45		
1.4	256QAM	3	3	18.38	18.42	18.44		
1.4	256QAM	6	0	18.35	18.42	18.45	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.97	22.21	22.13	23.2	0
20	QPSK	1	49	22.16	22.09	22.11		
20	QPSK	1	99	22.04	22.00	21.98		
20	QPSK	50	0	21.87	22.10	21.94	23.2	0
20	QPSK	50	24	21.88	21.92	21.98		
20	QPSK	50	50	21.97	22.02	21.82		
20	QPSK	100	0	21.73	21.91	21.67		
20	16QAM	1	0	21.91	21.99	21.97	23.2	0
20	16QAM	1	49	21.86	21.79	21.88		
20	16QAM	1	99	21.79	21.87	21.86		
20	16QAM	50	0	21.96	21.93	21.92	23.2	0
20	16QAM	50	24	22.07	21.94	22.06		
20	16QAM	50	50	22.00	21.88	22.02		
20	16QAM	100	0	21.82	22.12	22.01		
20	64QAM	1	0	22.03	22.00	22.02	23.2	0
20	64QAM	1	49	21.92	21.90	22.00		
20	64QAM	1	99	21.98	22.05	21.92		
20	64QAM	50	0	21.49	21.66	21.73	22.7	0.5
20	64QAM	50	24	21.45	21.58	21.51		
20	64QAM	50	50	21.51	21.52	21.47		
20	64QAM	100	0	21.59	21.75	21.66		
20	256QAM	1	0	19.46	19.57	19.38	20.7	2.5
20	256QAM	1	49	19.35	19.47	19.42		
20	256QAM	1	99	19.33	19.44	19.29		
20	256QAM	50	0	19.57	19.57	19.49	20.7	2.5
20	256QAM	50	24	19.59	19.50	19.45		
20	256QAM	50	50	19.47	19.65	19.45		
20	256QAM	100	0	19.57	19.66	19.58		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.92	22.00	21.96	23.2	0
15	QPSK	1	37	22.05	22.05	21.94		
15	QPSK	1	74	21.96	21.96	21.91		
15	QPSK	36	0	21.77	22.01	21.83	23.2	0
15	QPSK	36	20	21.86	21.82	21.83		
15	QPSK	36	39	21.73	21.82	21.82		
15	QPSK	75	0	21.59	21.76	21.66		
15	16QAM	1	0	21.76	21.76	21.83	23.2	0
15	16QAM	1	37	21.79	21.70	21.80		
15	16QAM	1	74	21.79	21.78	21.77		
15	16QAM	36	0	21.95	21.85	21.85	23.2	0
15	16QAM	36	20	21.81	21.88	22.00		
15	16QAM	36	39	21.88	21.87	21.83		
15	16QAM	75	0	21.74	22.00	21.97		
15	64QAM	1	0	21.81	21.92	21.87	23.2	0
15	64QAM	1	37	21.75	21.78	21.93		
15	64QAM	1	74	21.87	21.98	21.86		
15	64QAM	36	0	21.36	21.52	21.67	22.7	0.5
15	64QAM	36	20	21.33	21.48	21.34		
15	64QAM	36	39	21.43	21.47	21.43		
15	64QAM	75	0	21.42	21.65	21.57		
15	256QAM	1	0	19.38	19.50	19.21	20.7	2.5
15	256QAM	1	37	19.23	19.43	19.36		
15	256QAM	1	74	19.27	19.33	19.25		
15	256QAM	36	0	19.46	19.51	19.34	20.7	2.5
15	256QAM	36	20	19.42	19.33	19.34		
15	256QAM	36	39	19.30	19.57	19.39		
15	256QAM	75	0	19.54	19.57	19.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.87	22.07	21.91	23.2	0
10	QPSK	1	25	21.99	22.06	22.00		
10	QPSK	1	49	21.97	22.03	21.91		
10	QPSK	25	0	21.86	22.01	21.85	23.2	0
10	QPSK	25	12	21.81	21.85	21.85		
10	QPSK	25	25	21.85	21.79	21.83		
10	QPSK	50	0	21.74	21.75	21.57		
10	16QAM	1	0	21.82	21.76	21.93	23.2	0
10	16QAM	1	25	21.83	21.81	21.90		
10	16QAM	1	49	21.81	21.73	21.78		
10	16QAM	25	0	21.79	21.86	21.83	23.2	0
10	16QAM	25	12	21.93	21.82	21.91		
10	16QAM	25	25	21.85	21.92	21.88		
10	16QAM	50	0	21.82	21.95	21.91		
10	64QAM	1	0	21.78	21.87	21.97	23.2	0
10	64QAM	1	25	21.85	21.78	21.90		
10	64QAM	1	49	21.83	22.00	21.84		
10	64QAM	25	0	21.44	21.54	21.60	22.7	0.5
10	64QAM	25	12	21.27	21.44	21.42		
10	64QAM	25	25	21.44	21.45	21.42		
10	64QAM	50	0	21.53	21.62	21.49		
10	256QAM	1	0	19.32	19.51	19.35	20.7	2.5
10	256QAM	1	25	19.27	19.43	19.35		
10	256QAM	1	49	19.16	19.36	19.15		
10	256QAM	25	0	19.47	19.48	19.41	20.7	2.5
10	256QAM	25	12	19.55	19.41	19.35		
10	256QAM	25	25	19.34	19.57	19.40		
10	256QAM	50	0	19.40	19.63	19.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.95	22.04	22.03	23.2	0
5	QPSK	1	12	21.96	22.02	22.04		
5	QPSK	1	24	21.97	21.93	21.97		
5	QPSK	12	0	21.84	21.97	21.84	23.2	0
5	QPSK	12	7	21.77	21.81	21.79		
5	QPSK	12	13	21.81	21.89	21.74		
5	QPSK	25	0	21.69	21.90	21.63		
5	16QAM	1	0	21.69	21.76	21.90	23.2	0
5	16QAM	1	12	21.77	21.83	21.83		
5	16QAM	1	24	21.68	21.72	21.77		
5	16QAM	12	0	21.82	21.76	21.86	23.2	0
5	16QAM	12	7	21.94	21.82	21.96		
5	16QAM	12	13	21.84	21.79	21.93		
5	16QAM	25	0	21.80	22.03	21.86		
5	64QAM	1	0	21.86	21.82	22.00	23.2	0
5	64QAM	1	12	21.77	21.82	21.99		
5	64QAM	1	24	21.83	21.95	21.93		
5	64QAM	12	0	21.42	21.57	21.57	22.7	0.5
5	64QAM	12	7	21.33	21.50	21.43		
5	64QAM	12	13	21.38	21.40	21.34		
5	64QAM	25	0	21.52	21.71	21.49		
5	256QAM	1	0	19.41	19.43	19.33	20.7	2.5
5	256QAM	1	12	19.23	19.39	19.29		
5	256QAM	1	24	19.27	19.34	19.26		
5	256QAM	12	0	19.49	19.51	19.34	20.7	2.5
5	256QAM	12	7	19.48	19.32	19.39		
5	256QAM	12	13	19.31	19.54	19.30		
5	256QAM	25	0	19.54	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.61	21.48	21.66	21.53	21.56	22.7	0
20	QPSK	1	49	21.52	21.61	21.64	21.64	21.49		
20	QPSK	1	99	21.46	21.52	21.48	21.52	21.48		
20	QPSK	50	0	21.46	21.42	21.53	21.50	21.42	22.7	0
20	QPSK	50	24	21.33	21.37	21.38	21.43	21.42		
20	QPSK	50	50	21.43	21.34	21.51	21.38	21.36		
20	QPSK	100	0	21.19	21.21	21.43	21.26	21.25		
20	16QAM	1	0	21.48	21.33	21.42	21.52	21.37	22.7	0
20	16QAM	1	49	21.42	21.34	21.39	21.41	21.39		
20	16QAM	1	99	21.31	21.27	21.28	21.31	21.33		
20	16QAM	50	0	21.43	21.39	21.40	21.38	21.42	22.7	0
20	16QAM	50	24	21.56	21.54	21.35	21.51	21.46		
20	16QAM	50	50	21.44	21.43	21.45	21.50	21.42		
20	16QAM	100	0	21.48	21.32	21.53	21.52	21.44		
20	64QAM	1	0	21.53	21.39	21.35	21.55	21.49	22.7	0
20	64QAM	1	49	21.47	21.48	21.44	21.47	21.45		
20	64QAM	1	99	21.45	21.37	21.64	21.53	21.38		
20	64QAM	50	0	21.50	21.44	21.58	21.47	21.44	22.7	0
20	64QAM	50	24	21.31	21.32	21.54	21.33	21.36		
20	64QAM	50	50	21.56	21.36	21.48	21.50	21.32		
20	64QAM	100	0	21.50	21.48	21.52	21.51	21.52		
20	256QAM	1	0	19.39	19.36	19.56	19.37	19.31	21	1.7
20	256QAM	1	49	19.32	19.35	19.45	19.31	19.33		
20	256QAM	1	99	19.24	19.25	19.34	19.32	19.25		
20	256QAM	50	0	19.50	19.50	19.58	19.52	19.48	21	1.7
20	256QAM	50	24	19.49	19.56	19.47	19.33	19.47		
20	256QAM	50	50	19.36	19.48	19.55	19.38	19.42		
20	256QAM	100	0	19.55	19.58	19.65	19.54	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.51	21.46	21.60	21.56	21.49	23	0
15	QPSK	1	37	21.46	21.54	21.55	21.44	21.52		
15	QPSK	1	74	21.44	21.43	21.37	21.38	21.36		
15	QPSK	36	0	21.36	21.28	21.49	21.43	21.40	22.7	0
15	QPSK	36	20	21.33	21.27	21.31	21.27	21.22		
15	QPSK	36	39	21.21	21.35	21.29	21.35	21.23		
15	QPSK	75	0	21.15	21.15	21.24	21.29	21.15		
15	16QAM	1	0	21.38	21.31	21.34	21.28	21.34	22.7	0
15	16QAM	1	37	21.33	21.22	21.21	21.16	21.28		
15	16QAM	1	74	21.24	21.30	21.21	21.22	21.28		
15	16QAM	36	0	21.37	21.42	21.36	21.29	21.26	22.7	0
15	16QAM	36	20	21.44	21.41	21.33	21.24	21.39		
15	16QAM	36	39	21.35	21.37	21.29	21.35	21.33		
15	16QAM	75	0	21.36	21.30	21.51	21.38	21.47		
15	64QAM	1	0	21.43	21.35	21.32	21.38	21.45	22.7	0
15	64QAM	1	37	21.43	21.35	21.30	21.35	21.41		
15	64QAM	1	74	21.39	21.35	21.42	21.47	21.30		
15	64QAM	36	0	21.41	21.41	21.34	21.44	21.33	22.7	0
15	64QAM	36	20	21.30	21.27	21.38	21.42	21.25		
15	64QAM	36	39	21.48	21.31	21.37	21.45	21.38		
15	64QAM	75	0	21.35	21.39	21.48	21.39	21.45		
15	256QAM	1	0	19.31	19.30	19.51	19.19	19.19	21	1.7
15	256QAM	1	37	19.18	19.20	19.32	19.23	19.25		
15	256QAM	1	74	19.11	19.23	19.19	19.15	19.22		
15	256QAM	36	0	19.46	19.37	19.58	19.41	19.42	21	1.7
15	256QAM	36	20	19.36	19.45	19.33	19.27	19.33		
15	256QAM	36	39	19.32	19.45	19.40	19.32	19.37		
15	256QAM	75	0	19.39	19.51	19.54	19.41	19.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.43	21.48	21.61	21.52	21.46	23	0
10	QPSK	1	25	21.52	21.49	21.43	21.56	21.49		
10	QPSK	1	49	21.43	21.48	21.40	21.37	21.31		
10	QPSK	25	0	21.30	21.25	21.48	21.48	21.30	22.7	0
10	QPSK	25	12	21.22	21.25	21.27	21.37	21.32		
10	QPSK	25	25	21.30	21.21	21.26	21.38	21.26		
10	QPSK	50	0	21.05	21.19	21.24	21.32	21.18		
10	16QAM	1	0	21.30	21.28	21.36	21.23	21.27	22.7	0
10	16QAM	1	25	21.25	21.20	21.23	21.26	21.27		
10	16QAM	1	49	21.20	21.16	21.24	21.24	21.32		
10	16QAM	25	0	21.24	21.34	21.37	21.26	21.30	22.7	0
10	16QAM	25	12	21.35	21.30	21.25	21.35	21.44		
10	16QAM	25	25	21.46	21.35	21.34	21.31	21.32		
10	16QAM	50	0	21.38	21.32	21.50	21.47	21.37		
10	64QAM	1	0	21.49	21.34	21.40	21.33	21.47	22.7	0
10	64QAM	1	25	21.40	21.33	21.26	21.35	21.39		
10	64QAM	1	49	21.39	21.35	21.46	21.48	21.32		
10	64QAM	25	0	21.25	21.31	21.47	21.41	21.41	22.7	0
10	64QAM	25	12	21.30	21.35	21.40	21.42	21.33		
10	64QAM	25	25	21.46	21.35	21.37	21.49	21.45		
10	64QAM	50	0	21.35	21.29	21.34	21.42	21.34		
10	256QAM	1	0	19.28	19.25	19.48	19.45	19.39	21	1.7
10	256QAM	1	25	19.16	19.18	19.33	19.19	19.31		
10	256QAM	1	49	19.20	19.11	19.31	19.20	19.19		
10	256QAM	25	0	19.35	19.42	19.49	19.37	19.32	21	1.7
10	256QAM	25	12	19.36	19.44	19.31	19.16	19.44		
10	256QAM	25	25	19.19	19.44	19.46	19.28	19.34		
10	256QAM	50	0	19.47	19.44	19.50	19.46	19.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.51	21.47	21.60	21.50	21.39	23	0
5	QPSK	1	12	21.48	21.41	21.42	21.57	21.44		
5	QPSK	1	24	21.41	21.37	21.40	21.50	21.39		
5	QPSK	12	0	21.36	21.31	21.44	21.38	21.35	22.7	0
5	QPSK	12	7	21.34	21.25	21.37	21.37	21.32		
5	QPSK	12	13	21.27	21.34	21.38	21.32	21.30		
5	QPSK	25	0	21.17	21.16	21.35	21.32	21.09		
5	16QAM	1	0	21.33	21.22	21.33	21.33	21.30	22.7	0
5	16QAM	1	12	21.28	21.28	21.27	21.17	21.32		
5	16QAM	1	24	21.22	21.22	21.29	21.28	21.33		
5	16QAM	12	0	21.27	21.39	21.31	21.34	21.28	22.7	0
5	16QAM	12	7	21.46	21.44	21.37	21.29	21.49		
5	16QAM	12	13	21.39	21.44	21.36	21.34	21.44		
5	16QAM	25	0	21.39	21.29	21.53	21.52	21.34		
5	64QAM	1	0	21.44	21.29	21.28	21.40	21.33	22.7	0
5	64QAM	1	12	21.38	21.29	21.29	21.26	21.42		
5	64QAM	1	24	21.39	21.32	21.54	21.44	21.39		
5	64QAM	12	0	21.28	21.36	21.43	21.43	21.29	22.7	0
5	64QAM	12	7	21.35	21.30	21.31	21.37	21.35		
5	64QAM	12	13	21.41	21.27	21.40	21.41	21.54		
5	64QAM	25	0	21.38	21.29	21.44	21.45	21.49		
5	256QAM	1	0	19.35	19.23	19.47	19.27	19.18	21	1.7
5	256QAM	1	12	19.17	19.19	19.33	19.25	19.21		
5	256QAM	1	24	19.20	19.16	19.19	19.27	19.19		
5	256QAM	12	0	19.41	19.34	19.45	19.42	19.43	21	1.7
5	256QAM	12	7	19.46	19.52	19.35	19.30	19.37		
5	256QAM	12	13	19.20	19.32	19.53	19.33	19.31		
5	256QAM	25	0	19.51	19.44	19.61	19.50	19.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.07	17.19	17.01	18.5	0
20	QPSK	1	49	17.00	17.15	17.07		
20	QPSK	1	99	17.03	17.03	16.94		
20	QPSK	50	0	16.89	17.05	16.99	18.5	0
20	QPSK	50	24	16.88	16.86	16.81		
20	QPSK	50	50	16.85	16.88	16.80		
20	QPSK	100	0	16.72	16.92	16.75		
20	16QAM	1	0	16.89	16.91	16.94	18.5	0
20	16QAM	1	49	16.90	16.88	16.97		
20	16QAM	1	99	16.79	16.77	16.88		
20	16QAM	50	0	16.99	16.94	16.85	18.5	0
20	16QAM	50	24	16.89	16.85	17.00		
20	16QAM	50	50	16.96	16.87	17.01		
20	16QAM	100	0	16.79	17.09	17.02		
20	64QAM	1	0	16.93	16.93	17.04	18.5	0
20	64QAM	1	49	16.89	16.90	16.97		
20	64QAM	1	99	16.91	17.01	17.04		
20	64QAM	50	0	17.05	17.00	16.85	18.5	0
20	64QAM	50	24	16.91	17.02	16.93		
20	64QAM	50	50	16.95	16.99	17.10		
20	64QAM	100	0	17.02	16.96	17.05		
20	256QAM	1	0	16.90	16.99	16.99	18.5	0
20	256QAM	1	49	16.92	17.16	16.87		
20	256QAM	1	99	17.03	17.06	16.98		
20	256QAM	50	0	17.01	17.08	16.93	18.5	0
20	256QAM	50	24	16.85	16.95	17.01		
20	256QAM	50	50	16.97	16.90	17.00		
20	256QAM	100	0	16.86	17.06	17.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.89	17.13	16.93	18.5	0
15	QPSK	1	37	16.93	17.02	16.96		
15	QPSK	1	74	16.85	17.00	16.94		
15	QPSK	36	0	16.77	16.90	16.75	18.5	0
15	QPSK	36	20	16.77	16.91	16.71		
15	QPSK	36	39	16.78	16.89	16.67		
15	QPSK	75	0	16.65	16.86	16.56		
15	16QAM	1	0	16.76	16.85	16.93	18.5	0
15	16QAM	1	37	16.76	16.70	16.83		
15	16QAM	1	74	16.70	16.66	16.74		
15	16QAM	36	0	16.91	16.83	16.84	18.5	0
15	16QAM	36	20	16.86	16.81	16.95		
15	16QAM	36	39	16.87	16.91	16.81		
15	16QAM	75	0	16.69	16.97	16.92		
15	64QAM	1	0	16.90	16.88	16.90	18.5	0
15	64QAM	1	37	16.78	16.75	16.96		
15	64QAM	1	74	16.85	16.92	16.89		
15	64QAM	36	0	16.81	16.94	16.91	18.5	0
15	64QAM	36	20	16.83	16.94	16.78		
15	64QAM	36	39	16.84	16.98	16.96		
15	64QAM	75	0	16.80	16.84	16.95		
15	256QAM	1	0	16.87	16.95	16.78	18.5	0
15	256QAM	1	37	16.70	17.00	16.92		
15	256QAM	1	74	16.87	16.86	16.94		
15	256QAM	36	0	16.89	17.02	16.92	18.5	0
15	256QAM	36	20	16.72	16.94	16.81		
15	256QAM	36	39	16.87	16.94	16.97		
15	256QAM	75	0	16.88	16.94	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.89	17.11	16.98	18.5	0
10	QPSK	1	25	16.93	16.95	17.00		
10	QPSK	1	49	16.85	16.91	16.88		
10	QPSK	25	0	16.72	16.94	16.82	18.5	0
10	QPSK	25	12	16.80	16.75	16.74		
10	QPSK	25	25	16.73	16.89	16.77		
10	QPSK	50	0	16.60	16.78	16.55		
10	16QAM	1	0	16.68	16.87	16.87	18.5	0
10	16QAM	1	25	16.72	16.76	16.76		
10	16QAM	1	49	16.75	16.78	16.74		
10	16QAM	25	0	16.93	16.78	16.76	18.5	0
10	16QAM	25	12	16.83	16.87	17.00		
10	16QAM	25	25	16.95	16.84	16.81		
10	16QAM	50	0	16.84	17.01	16.93		
10	64QAM	1	0	16.86	16.78	16.98	18.5	0
10	64QAM	1	25	16.84	16.78	16.95		
10	64QAM	1	49	16.86	16.92	16.81		
10	64QAM	25	0	16.94	16.88	16.77	18.5	0
10	64QAM	25	12	16.74	16.79	16.86		
10	64QAM	25	25	16.79	16.97	16.95		
10	64QAM	50	0	16.87	16.88	16.88		
10	256QAM	1	0	16.85	17.02	16.81	18.5	0
10	256QAM	1	25	16.74	17.06	16.91		
10	256QAM	1	49	16.91	16.85	16.89		
10	256QAM	25	0	16.82	16.91	16.90	18.5	0
10	256QAM	25	12	16.69	16.86	16.92		
10	256QAM	25	25	16.89	16.82	16.94		
10	256QAM	50	0	16.80	16.96	16.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.85	17.09	16.93	18.5	0
5	QPSK	1	12	16.98	17.02	16.94		
5	QPSK	1	24	16.86	16.86	16.90		
5	QPSK	12	0	16.83	16.99	16.86	18.5	0
5	QPSK	12	7	16.75	16.87	16.72		
5	QPSK	12	13	16.73	16.92	16.78		
5	QPSK	25	0	16.60	16.75	16.69		
5	16QAM	1	0	16.81	16.80	16.79	18.5	0
5	16QAM	1	12	16.77	16.77	16.80		
5	16QAM	1	24	16.80	16.65	16.75		
5	16QAM	12	0	16.85	16.82	16.77	18.5	0
5	16QAM	12	7	16.79	16.84	16.91		
5	16QAM	12	13	16.94	16.76	16.89		
5	16QAM	25	0	16.73	16.91	16.91		
5	64QAM	1	0	16.91	16.84	16.83	18.5	0
5	64QAM	1	12	16.76	16.87	16.96		
5	64QAM	1	24	16.89	17.02	16.83		
5	64QAM	12	0	16.95	16.95	16.89	18.5	0
5	64QAM	12	7	16.75	16.89	16.75		
5	64QAM	12	13	16.74	16.99	16.98		
5	64QAM	25	0	16.90	16.90	16.94		
5	256QAM	1	0	16.85	16.89	16.89	18.5	0
5	256QAM	1	12	16.75	16.99	16.77		
5	256QAM	1	24	16.96	16.94	16.91		
5	256QAM	12	0	16.85	16.94	16.90	18.5	0
5	256QAM	12	7	16.82	16.83	16.91		
5	256QAM	12	13	16.75	16.80	16.92		
5	256QAM	25	0	16.74	16.86	16.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.85	17.11	16.91	18.5	0
3	QPSK	1	8	16.97	17.02	16.92		
3	QPSK	1	14	16.93	16.97	16.94		
3	QPSK	8	0	16.77	17.03	16.78	18.5	0
3	QPSK	8	4	16.79	16.88	16.84		
3	QPSK	8	7	16.71	16.85	16.67		
3	QPSK	15	0	16.62	16.85	16.55		
3	16QAM	1	0	16.77	16.87	16.85	18.5	0
3	16QAM	1	8	16.73	16.81	16.76		
3	16QAM	1	14	16.71	16.71	16.80		
3	16QAM	8	0	16.78	16.82	16.81	18.5	0
3	16QAM	8	4	16.93	16.85	16.86		
3	16QAM	8	7	16.86	16.76	16.82		
3	16QAM	15	0	16.79	16.88	16.84		
3	64QAM	1	0	16.81	16.85	16.88	18.5	0
3	64QAM	1	8	16.83	16.75	16.96		
3	64QAM	1	14	16.89	17.00	16.93		
3	64QAM	8	0	16.84	16.88	16.76	18.5	0
3	64QAM	8	4	16.77	16.85	16.83		
3	64QAM	8	7	16.71	17.01	16.96		
3	64QAM	15	0	16.79	16.86	16.90		
3	256QAM	1	0	16.80	16.95	16.91	18.5	0
3	256QAM	1	8	16.79	17.07	16.91		
3	256QAM	1	14	16.88	16.85	16.80		
3	256QAM	8	0	16.78	17.03	16.94	18.5	0
3	256QAM	8	4	16.69	16.82	16.92		
3	256QAM	8	7	16.84	16.85	16.94		
3	256QAM	15	0	16.79	16.93	16.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.84	17.14	16.95	18.5	0
1.4	QPSK	1	3	17.00	17.01	17.03		
1.4	QPSK	1	5	16.92	16.87	16.95		
1.4	QPSK	3	0	16.75	16.98	16.79		
1.4	QPSK	3	1	16.81	16.88	16.71		
1.4	QPSK	3	3	16.76	16.77	16.76		
1.4	QPSK	6	0	16.66	16.77	16.69	18.5	0
1.4	16QAM	1	0	16.73	16.82	16.88	18.5	0
1.4	16QAM	1	3	16.70	16.76	16.85		
1.4	16QAM	1	5	16.68	16.66	16.77		
1.4	16QAM	3	0	16.93	16.82	16.80		
1.4	16QAM	3	1	16.89	16.82	16.98		
1.4	16QAM	3	3	16.88	16.78	16.93		
1.4	16QAM	6	0	16.78	16.95	16.82	18.5	0
1.4	64QAM	1	0	16.78	16.88	16.90	18.5	0
1.4	64QAM	1	3	16.78	16.80	16.93		
1.4	64QAM	1	5	16.90	16.95	16.87		
1.4	64QAM	3	0	16.92	16.87	16.86		
1.4	64QAM	3	1	16.86	16.84	16.82		
1.4	64QAM	3	3	16.77	16.89	16.92		
1.4	64QAM	6	0	16.91	16.93	16.88	18.5	0
1.4	256QAM	1	0	16.77	16.88	16.92	18.5	0
1.4	256QAM	1	3	16.76	16.97	16.79		
1.4	256QAM	1	5	16.94	16.95	16.79		
1.4	256QAM	3	0	16.82	16.96	16.84		
1.4	256QAM	3	1	16.79	16.85	16.86		
1.4	256QAM	3	3	16.76	16.87	16.96		
1.4	256QAM	6	0	16.74	16.96	16.82	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.41	17.59	17.38	19	0
20	QPSK	1	49	17.43	17.51	17.33		
20	QPSK	1	99	17.37	17.31	17.30		
20	QPSK	50	0	17.15	17.37	17.34	19	0
20	QPSK	50	24	17.30	17.22	17.28		
20	QPSK	50	50	17.15	17.33	17.16		
20	QPSK	100	0	17.16	17.22	17.07		
20	16QAM	1	0	17.11	17.30	17.33	19	0
20	16QAM	1	49	17.22	17.15	17.21		
20	16QAM	1	99	17.16	17.14	17.26		
20	16QAM	50	0	17.33	17.24	17.27	19	0
20	16QAM	50	24	17.35	17.21	17.39		
20	16QAM	50	50	17.31	17.25	17.39		
20	16QAM	100	0	17.27	17.39	17.31		
20	64QAM	1	0	17.21	17.33	17.34	19	0
20	64QAM	1	49	17.34	17.23	17.34		
20	64QAM	1	99	17.36	17.36	17.26		
20	64QAM	50	0	17.37	17.43	17.32	19	0
20	64QAM	50	24	17.25	17.33	17.22		
20	64QAM	50	50	17.24	17.34	17.40		
20	64QAM	100	0	17.24	17.33	17.45		
20	256QAM	1	0	17.21	17.39	17.22	19	0
20	256QAM	1	49	17.28	17.43	17.37		
20	256QAM	1	99	17.37	17.36	17.29		
20	256QAM	50	0	17.30	17.34	17.38	19	0
20	256QAM	50	24	17.20	17.34	17.28		
20	256QAM	50	50	17.32	17.35	17.43		
20	256QAM	100	0	17.30	17.35	17.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.20	17.48	17.30	19	0
15	QPSK	1	37	17.35	17.42	17.26		
15	QPSK	1	74	17.27	17.34	17.28		
15	QPSK	36	0	17.12	17.29	17.13	19	0
15	QPSK	36	20	17.17	17.19	17.06		
15	QPSK	36	39	17.07	17.13	17.16		
15	QPSK	75	0	17.12	17.19	17.16		
15	16QAM	1	0	17.01	17.10	17.14	19	0
15	16QAM	1	37	17.18	17.07	17.10		
15	16QAM	1	74	17.04	17.15	17.07		
15	16QAM	36	0	17.12	17.13	17.14	19	0
15	16QAM	36	20	17.14	17.16	17.24		
15	16QAM	36	39	17.17	17.12	17.16		
15	16QAM	75	0	17.11	17.25	17.27		
15	64QAM	1	0	17.11	17.25	17.18	19	0
15	64QAM	1	37	17.09	17.10	17.25		
15	64QAM	1	74	17.22	17.25	17.30		
15	64QAM	36	0	17.21	17.24	17.13	19	0
15	64QAM	36	20	17.09	17.27	17.07		
15	64QAM	36	39	17.12	17.35	17.28		
15	64QAM	75	0	17.29	17.29	17.34		
15	256QAM	1	0	17.12	17.28	17.19	19	0
15	256QAM	1	37	17.12	17.39	17.14		
15	256QAM	1	74	17.27	17.20	17.18		
15	256QAM	36	0	17.16	17.27	17.16	19	0
15	256QAM	36	20	17.07	17.30	17.25		
15	256QAM	36	39	17.24	17.24	17.31		
15	256QAM	75	0	17.14	17.22	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.30	17.41	17.38	19	0
10	QPSK	1	25	17.38	17.33	17.27		
10	QPSK	1	49	17.28	17.37	17.25		
10	QPSK	25	0	17.13	17.24	17.12	19	0
10	QPSK	25	12	17.12	17.18	17.19		
10	QPSK	25	25	17.15	17.14	17.17		
10	QPSK	50	0	17.13	17.21	17.15		
10	16QAM	1	0	17.08	17.15	17.12	19	0
10	16QAM	1	25	17.06	17.02	17.13		
10	16QAM	1	49	17.04	17.05	17.13		
10	16QAM	25	0	17.14	17.19	17.17	19	0
10	16QAM	25	12	17.16	17.11	17.22		
10	16QAM	25	25	17.31	17.16	17.15		
10	16QAM	50	0	17.11	17.22	17.23		
10	64QAM	1	0	17.22	17.23	17.33	19	0
10	64QAM	1	25	17.22	17.18	17.31		
10	64QAM	1	49	17.27	17.25	17.17		
10	64QAM	25	0	17.24	17.22	17.12	19	0
10	64QAM	25	12	17.14	17.16	17.13		
10	64QAM	25	25	17.09	17.32	17.30		
10	64QAM	50	0	17.22	17.24	17.29		
10	256QAM	1	0	17.25	17.23	17.19	19	0
10	256QAM	1	25	17.05	17.40	17.20		
10	256QAM	1	49	17.26	17.17	17.25		
10	256QAM	25	0	17.23	17.25	17.26	19	0
10	256QAM	25	12	17.02	17.22	17.29		
10	256QAM	25	25	17.21	17.21	17.32		
10	256QAM	50	0	17.09	17.20	17.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.32	17.40	17.35	19	0
5	QPSK	1	12	17.30	17.28	17.36		
5	QPSK	1	24	17.26	17.33	17.27		
5	QPSK	12	0	17.09	17.39	17.13	19	0
5	QPSK	12	7	17.11	17.18	17.13		
5	QPSK	12	13	17.11	17.16	17.16		
5	QPSK	25	0	17.07	17.16	17.18		
5	16QAM	1	0	17.07	17.14	17.16	19	0
5	16QAM	1	12	17.15	17.05	17.18		
5	16QAM	1	24	17.13	17.13	17.08		
5	16QAM	12	0	17.25	17.11	17.20	19	0
5	16QAM	12	7	17.17	17.17	17.26		
5	16QAM	12	13	17.21	17.13	17.28		
5	16QAM	25	0	17.18	17.23	17.24		
5	64QAM	1	0	17.24	17.20	17.21	19	0
5	64QAM	1	12	17.13	17.18	17.19		
5	64QAM	1	24	17.27	17.25	17.15		
5	64QAM	12	0	17.21	17.34	17.19	19	0
5	64QAM	12	7	17.18	17.22	17.11		
5	64QAM	12	13	17.13	17.36	17.39		
5	64QAM	25	0	17.26	17.25	17.22		
5	256QAM	1	0	17.21	17.35	17.19	19	0
5	256QAM	1	12	17.17	17.36	17.25		
5	256QAM	1	24	17.24	17.30	17.19		
5	256QAM	12	0	17.18	17.37	17.25	19	0
5	256QAM	12	7	17.16	17.30	17.16		
5	256QAM	12	13	17.24	17.24	17.32		
5	256QAM	25	0	17.17	17.23	17.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.35	17.39	17.34	19	0
3	QPSK	1	8	17.32	17.28	17.29		
3	QPSK	1	14	17.27	17.35	17.27		
3	QPSK	8	0	17.15	17.28	17.17	19	0
3	QPSK	8	4	17.14	17.10	17.21		
3	QPSK	8	7	17.18	17.12	17.15		
3	QPSK	15	0	17.03	17.13	17.16		
3	16QAM	1	0	17.10	17.14	17.23	19	0
3	16QAM	1	8	17.18	17.08	17.11		
3	16QAM	1	14	17.02	17.10	17.17		
3	16QAM	8	0	17.21	17.12	17.17	19	0
3	16QAM	8	4	17.16	17.19	17.35		
3	16QAM	8	7	17.26	17.24	17.15		
3	16QAM	15	0	17.05	17.29	17.28		
3	64QAM	1	0	17.20	17.14	17.25	19	0
3	64QAM	1	8	17.09	17.21	17.25		
3	64QAM	1	14	17.18	17.38	17.22		
3	64QAM	8	0	17.27	17.20	17.12	19	0
3	64QAM	8	4	17.18	17.20	17.17		
3	64QAM	8	7	17.13	17.33	17.27		
3	64QAM	15	0	17.20	17.27	17.30		
3	256QAM	1	0	17.14	17.26	17.14	19	0
3	256QAM	1	8	17.11	17.42	17.15		
3	256QAM	1	14	17.31	17.27	17.17		
3	256QAM	8	0	17.21	17.28	17.25	19	0
3	256QAM	8	4	17.06	17.22	17.16		
3	256QAM	8	7	17.12	17.19	17.34		
3	256QAM	15	0	17.18	17.21	17.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.23	17.37	17.23	19	0
1.4	QPSK	1	3	17.27	17.41	17.29		
1.4	QPSK	1	5	17.22	17.25	17.24		
1.4	QPSK	3	0	17.09	17.32	17.24		
1.4	QPSK	3	1	17.23	17.16	17.16		
1.4	QPSK	3	3	17.18	17.25	17.13		
1.4	QPSK	6	0	17.15	17.22	17.00	19	0
1.4	16QAM	1	0	17.11	17.09	17.13	19	0
1.4	16QAM	1	3	17.12	17.13	17.14		
1.4	16QAM	1	5	17.04	17.09	17.16		
1.4	16QAM	3	0	17.19	17.18	17.16		
1.4	16QAM	3	1	17.21	17.10	17.31		
1.4	16QAM	3	3	17.17	17.22	17.21		
1.4	16QAM	6	0	17.18	17.23	17.24	19	0
1.4	64QAM	1	0	17.20	17.16	17.28	19	0
1.4	64QAM	1	3	17.12	17.20	17.31		
1.4	64QAM	1	5	17.25	17.32	17.27		
1.4	64QAM	3	0	17.26	17.31	17.21		
1.4	64QAM	3	1	17.17	17.28	17.13		
1.4	64QAM	3	3	17.07	17.34	17.28		
1.4	64QAM	6	0	17.27	17.21	17.29	19	0
1.4	256QAM	1	0	17.25	17.28	17.14	19	0
1.4	256QAM	1	3	17.02	17.30	17.12		
1.4	256QAM	1	5	17.23	17.30	17.28		
1.4	256QAM	3	0	17.19	17.31	17.23		
1.4	256QAM	3	1	17.11	17.17	17.22		
1.4	256QAM	3	3	17.13	17.25	17.19		
1.4	256QAM	6	0	17.16	17.27	17.20	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.98	15.06	15.02	16.5	0
20	QPSK	1	49	15.04	14.95	14.96		
20	QPSK	1	99	14.84	14.97	14.85		
20	QPSK	50	0	14.93	14.95	14.90	16.5	0
20	QPSK	50	24	14.72	14.82	14.82		
20	QPSK	50	50	14.82	14.79	14.68		
20	QPSK	100	0	14.65	14.87	14.59		
20	16QAM	1	0	14.67	14.82	14.83	16.5	0
20	16QAM	1	49	14.74	14.80	14.84		
20	16QAM	1	99	14.67	14.64	14.80		
20	16QAM	50	0	14.80	14.74	14.82	16.5	0
20	16QAM	50	24	14.90	14.76	14.86		
20	16QAM	50	50	14.80	14.75	14.89		
20	16QAM	100	0	14.74	14.96	14.80		
20	64QAM	1	0	14.75	14.88	14.90	16.5	0
20	64QAM	1	49	14.84	14.88	14.82		
20	64QAM	1	99	14.87	14.89	14.95		
20	64QAM	50	0	14.92	14.96	14.83	16.5	0
20	64QAM	50	24	14.80	14.92	14.71		
20	64QAM	50	50	14.73	14.99	15.02		
20	64QAM	100	0	14.86	14.83	14.96		
20	256QAM	1	0	14.75	14.92	14.89	16.5	0
20	256QAM	1	49	14.79	15.04	14.84		
20	256QAM	1	99	14.93	14.96	14.88		
20	256QAM	50	0	14.86	14.86	14.94	16.5	0
20	256QAM	50	24	14.82	14.82	14.84		
20	256QAM	50	50	14.86	14.93	14.83		
20	256QAM	100	0	14.80	14.80	14.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.81	14.99	14.82	16.5	0
15	QPSK	1	37	14.84	14.90	14.81		
15	QPSK	1	74	14.87	14.83	14.83		
15	QPSK	36	0	14.69	14.87	14.76	16.5	0
15	QPSK	36	20	14.72	14.66	14.74		
15	QPSK	36	39	14.62	14.75	14.67		
15	QPSK	75	0	14.59	14.62	14.54		
15	16QAM	1	0	14.56	14.72	14.79	16.5	0
15	16QAM	1	37	14.65	14.70	14.73		
15	16QAM	1	74	14.56	14.62	14.72		
15	16QAM	36	0	14.72	14.70	14.71	16.5	0
15	16QAM	36	20	14.69	14.73	14.82		
15	16QAM	36	39	14.82	14.76	14.84		
15	16QAM	75	0	14.65	14.83	14.72		
15	64QAM	1	0	14.72	14.70	14.80	16.5	0
15	64QAM	1	37	14.71	14.76	14.80		
15	64QAM	1	74	14.78	14.90	14.73		
15	64QAM	36	0	14.84	14.74	14.72	16.5	0
15	64QAM	36	20	14.67	14.72	14.65		
15	64QAM	36	39	14.66	14.83	14.92		
15	64QAM	75	0	14.79	14.71	14.75		
15	256QAM	1	0	14.72	14.81	14.78	16.5	0
15	256QAM	1	37	14.65	14.83	14.78		
15	256QAM	1	74	14.76	14.76	14.75		
15	256QAM	36	0	14.75	14.84	14.69	16.5	0
15	256QAM	36	20	14.65	14.84	14.71		
15	256QAM	36	39	14.76	14.71	14.82		
15	256QAM	75	0	14.74	14.75	14.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.81	14.92	14.80	16.5	0
10	QPSK	1	25	14.86	14.85	14.79		
10	QPSK	1	49	14.88	14.80	14.76		
10	QPSK	25	0	14.67	14.81	14.73	16.5	0
10	QPSK	25	12	14.69	14.78	14.72		
10	QPSK	25	25	14.69	14.65	14.64		
10	QPSK	50	0	14.78	14.76	14.55		
10	16QAM	1	0	14.54	14.73	14.79	16.5	0
10	16QAM	1	25	14.61	14.69	14.69		
10	16QAM	1	49	14.56	14.64	14.60		
10	16QAM	25	0	14.78	14.74	14.74	16.5	0
10	16QAM	25	12	14.68	14.73	14.84		
10	16QAM	25	25	14.77	14.73	14.85		
10	16QAM	50	0	14.60	14.87	14.78		
10	64QAM	1	0	14.69	14.76	14.72	16.5	0
10	64QAM	1	25	14.78	14.72	14.74		
10	64QAM	1	49	14.71	14.84	14.84		
10	64QAM	25	0	14.79	14.76	14.79	16.5	0
10	64QAM	25	12	14.63	14.75	14.73		
10	64QAM	25	25	14.60	14.89	14.92		
10	64QAM	50	0	14.77	14.73	14.74		
10	256QAM	1	0	14.79	14.89	14.79	16.5	0
10	256QAM	1	25	14.57	14.99	14.80		
10	256QAM	1	49	14.79	14.76	14.77		
10	256QAM	25	0	14.69	14.86	14.73	16.5	0
10	256QAM	25	12	14.59	14.75	14.79		
10	256QAM	25	25	14.73	14.76	14.88		
10	256QAM	50	0	14.73	14.85	14.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.76	14.88	14.80	16.5	0
5	QPSK	1	12	14.88	14.95	14.92		
5	QPSK	1	24	14.75	14.78	14.82		
5	QPSK	12	0	14.74	14.92	14.70	16.5	0
5	QPSK	12	7	14.77	14.75	14.60		
5	QPSK	12	13	14.59	14.72	14.61		
5	QPSK	25	0	14.77	14.75	14.84		
5	16QAM	1	0	14.63	14.69	14.66	16.5	0
5	16QAM	1	12	14.61	14.70	14.69		
5	16QAM	1	24	14.65	14.59	14.72		
5	16QAM	12	0	14.69	14.72	14.73	16.5	0
5	16QAM	12	7	14.70	14.77	14.74		
5	16QAM	12	13	14.73	14.69	14.71		
5	16QAM	25	0	14.73	14.83	14.86		
5	64QAM	1	0	14.75	14.67	14.78	16.5	0
5	64QAM	1	12	14.63	14.72	14.87		
5	64QAM	1	24	14.70	14.80	14.79		
5	64QAM	12	0	14.75	14.75	14.64	16.5	0
5	64QAM	12	7	14.67	14.75	14.62		
5	64QAM	12	13	14.70	14.85	14.84		
5	64QAM	25	0	14.76	14.85	14.75		
5	256QAM	1	0	14.71	14.85	14.68	16.5	0
5	256QAM	1	12	14.64	14.89	14.74		
5	256QAM	1	24	14.84	14.74	14.84		
5	256QAM	12	0	14.78	14.85	14.82	16.5	0
5	256QAM	12	7	14.59	14.80	14.74		
5	256QAM	12	13	14.65	14.70	14.87		
5	256QAM	25	0	14.64	14.81	14.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.56	17.69	17.59		
20	QPSK	1	49	17.56	17.62	17.52	19	0
20	QPSK	1	99	17.55	17.56	17.46		
20	QPSK	50	0	17.38	17.60	17.40		
20	QPSK	50	24	17.38	17.50	17.36	19	0
20	QPSK	50	50	17.37	17.45	17.41		
20	QPSK	100	0	17.22	17.45	17.19		
20	16QAM	1	0	17.36	17.39	17.42		
20	16QAM	1	49	17.41	17.35	17.44	19	0
20	16QAM	1	99	17.33	17.30	17.37		
20	16QAM	50	0	17.47	17.47	17.40		
20	16QAM	50	24	17.44	17.37	17.60	19	0
20	16QAM	50	50	17.43	17.49	17.50		
20	16QAM	100	0	17.31	17.54	17.43		
20	64QAM	1	0	17.47	17.42	17.57		
20	64QAM	1	49	17.34	17.42	17.45	19	0
20	64QAM	1	99	17.46	17.52	17.52		
20	64QAM	50	0	17.53	17.47	17.35		
20	64QAM	50	24	17.47	17.52	17.33	19	0
20	64QAM	50	50	17.32	17.55	17.62		
20	64QAM	100	0	17.50	17.43	17.59		
20	256QAM	1	0	17.40	17.64	17.41		
20	256QAM	1	49	17.31	17.65	17.49	19	0
20	256QAM	1	99	17.57	17.51	17.54		
20	256QAM	50	0	17.37	17.49	17.45		
20	256QAM	50	24	17.40	17.48	17.47	19	0
20	256QAM	50	50	17.37	17.50	17.53		
20	256QAM	100	0	17.43	17.49	17.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.37	17.59	17.43		
15	QPSK	1	37	17.50	17.52	17.49	19	0
15	QPSK	1	74	17.45	17.39	17.38		
15	QPSK	36	0	17.31	17.46	17.37		
15	QPSK	36	20	17.34	17.33	17.31	19	0
15	QPSK	36	39	17.27	17.29	17.31		
15	QPSK	75	0	17.11	17.30	17.09		
15	16QAM	1	0	17.27	17.36	17.40		
15	16QAM	1	37	17.29	17.26	17.23	19	0
15	16QAM	1	74	17.17	17.16	17.20		
15	16QAM	36	0	17.34	17.37	17.32		
15	16QAM	36	20	17.34	17.27	17.46	19	0
15	16QAM	36	39	17.35	17.26	17.35		
15	16QAM	75	0	17.31	17.49	17.47		
15	64QAM	1	0	17.39	17.29	17.45		
15	64QAM	1	37	17.25	17.26	17.36	19	0
15	64QAM	1	74	17.36	17.50	17.35		
15	64QAM	36	0	17.34	17.45	17.27		
15	64QAM	36	20	17.37	17.31	17.30	19	0
15	64QAM	36	39	17.26	17.44	17.48		
15	64QAM	75	0	17.32	17.44	17.36		
15	256QAM	1	0	17.32	17.49	17.29		
15	256QAM	1	37	17.23	17.53	17.29	19	0
15	256QAM	1	74	17.38	17.34	17.39		
15	256QAM	36	0	17.41	17.38	17.31		
15	256QAM	36	20	17.33	17.36	17.33	19	0
15	256QAM	36	39	17.28	17.33	17.47		
15	256QAM	75	0	17.39	17.36	17.36		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.36	17.54	17.43		
10	QPSK	1	25	17.52	17.56	17.44	19	0
10	QPSK	1	49	17.39	17.51	17.34		
10	QPSK	25	0	17.32	17.49	17.32		
10	QPSK	25	12	17.26	17.28	17.30	19	0
10	QPSK	25	25	17.26	17.34	17.28		
10	QPSK	50	0	17.17	17.37	17.14		
10	16QAM	1	0	17.16	17.32	17.36		
10	16QAM	1	25	17.31	17.28	17.35	19	0
10	16QAM	1	49	17.20	17.14	17.19		
10	16QAM	25	0	17.36	17.36	17.26		
10	16QAM	25	12	17.35	17.31	17.48	19	0
10	16QAM	25	25	17.38	17.27	17.33		
10	16QAM	50	0	17.29	17.44	17.33		
10	64QAM	1	0	17.38	17.32	17.45		
10	64QAM	1	25	17.31	17.36	17.32	19	0
10	64QAM	1	49	17.29	17.47	17.37		
10	64QAM	25	0	17.36	17.38	17.30		
10	64QAM	25	12	17.37	17.31	17.25	19	0
10	64QAM	25	25	17.29	17.51	17.53		
10	64QAM	50	0	17.38	17.36	17.34		
10	256QAM	1	0	17.34	17.51	17.41		
10	256QAM	1	25	17.30	17.55	17.29	19	0
10	256QAM	1	49	17.41	17.34	17.32		
10	256QAM	25	0	17.29	17.53	17.35		
10	256QAM	25	12	17.36	17.36	17.42	19	0
10	256QAM	25	25	17.34	17.31	17.40		
10	256QAM	50	0	17.32	17.37	17.43		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.38	17.52	17.46		
5	QPSK	1	12	17.45	17.47	17.50	19	0
5	QPSK	1	24	17.45	17.51	17.34		
5	QPSK	12	0	17.28	17.46	17.25		
5	QPSK	12	7	17.30	17.32	17.27	19	0
5	QPSK	12	13	17.31	17.30	17.27		
5	QPSK	25	0	17.15	17.29	17.09		
5	16QAM	1	0	17.19	17.29	17.36		
5	16QAM	1	12	17.19	17.16	17.34	19	0
5	16QAM	1	24	17.21	17.22	17.26		
5	16QAM	12	0	17.33	17.30	17.29		
5	16QAM	12	7	17.31	17.24	17.37	19	0
5	16QAM	12	13	17.36	17.33	17.38		
5	16QAM	25	0	17.20	17.45	17.35		
5	64QAM	1	0	17.35	17.32	17.35		
5	64QAM	1	12	17.29	17.29	17.33	19	0
5	64QAM	1	24	17.34	17.46	17.31		
5	64QAM	12	0	17.38	17.47	17.34		
5	64QAM	12	7	17.35	17.34	17.30	19	0
5	64QAM	12	13	17.25	17.43	17.53		
5	64QAM	25	0	17.38	17.32	17.43		
5	256QAM	1	0	17.27	17.42	17.32		
5	256QAM	1	12	17.18	17.48	17.33	19	0
5	256QAM	1	24	17.46	17.37	17.39		
5	256QAM	12	0	17.36	17.38	17.41		
5	256QAM	12	7	17.28	17.42	17.40	19	0
5	256QAM	12	13	17.34	17.40	17.42		
5	256QAM	25	0	17.33	17.42	17.36		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.34	17.57	17.45		
3	QPSK	1	8	17.52	17.54	17.54	19	0
3	QPSK	1	14	17.48	17.49	17.41		
3	QPSK	8	0	17.33	17.53	17.36		
3	QPSK	8	4	17.24	17.35	17.35	19	0
3	QPSK	8	7	17.26	17.28	17.20		
3	QPSK	15	0	17.19	17.26	17.19		
3	16QAM	1	0	17.18	17.28	17.30		
3	16QAM	1	8	17.34	17.29	17.28	19	0
3	16QAM	1	14	17.19	17.29	17.27		
3	16QAM	8	0	17.35	17.25	17.23		
3	16QAM	8	4	17.34	17.35	17.37	19	0
3	16QAM	8	7	17.32	17.35	17.38		
3	16QAM	15	0	17.23	17.38	17.36		
3	64QAM	1	0	17.36	17.40	17.34		
3	64QAM	1	8	17.31	17.33	17.34	19	0
3	64QAM	1	14	17.28	17.55	17.41		
3	64QAM	8	0	17.46	17.48	17.36		
3	64QAM	8	4	17.23	17.35	17.22	19	0
3	64QAM	8	7	17.33	17.51	17.42		
3	64QAM	15	0	17.43	17.37	17.44		
3	256QAM	1	0	17.30	17.48	17.38		
3	256QAM	1	8	17.25	17.56	17.40	19	0
3	256QAM	1	14	17.40	17.40	17.39		
3	256QAM	8	0	17.30	17.40	17.41		
3	256QAM	8	4	17.32	17.34	17.41	19	0
3	256QAM	8	7	17.32	17.30	17.46		
3	256QAM	15	0	17.26	17.41	17.31		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.36	17.49	17.42		
1.4	QPSK	1	3	17.40	17.55	17.42		
1.4	QPSK	1	5	17.36	17.40	17.43	19	0
1.4	QPSK	3	0	17.32	17.42	17.31		
1.4	QPSK	3	1	17.36	17.30	17.26		
1.4	QPSK	3	3	17.22	17.39	17.24		
1.4	QPSK	6	0	17.17	17.34	17.09	19	0
1.4	16QAM	1	0	17.31	17.26	17.34		
1.4	16QAM	1	3	17.23	17.25	17.24		
1.4	16QAM	1	5	17.20	17.29	17.29	19	0
1.4	16QAM	3	0	17.33	17.34	17.23		
1.4	16QAM	3	1	17.36	17.32	17.30		
1.4	16QAM	3	3	17.33	17.35	17.34		
1.4	16QAM	6	0	17.34	17.49	17.46	19	0
1.4	64QAM	1	0	17.34	17.29	17.43		
1.4	64QAM	1	3	17.25	17.31	17.38		
1.4	64QAM	1	5	17.42	17.40	17.44	19	0
1.4	64QAM	3	0	17.36	17.48	17.33		
1.4	64QAM	3	1	17.26	17.36	17.24		
1.4	64QAM	3	3	17.29	17.38	17.45		
1.4	64QAM	6	0	17.38	17.45	17.40	19	0
1.4	256QAM	1	0	17.34	17.53	17.28		
1.4	256QAM	1	3	17.33	17.59	17.34		
1.4	256QAM	1	5	17.36	17.40	17.34	19	0
1.4	256QAM	3	0	17.35	17.46	17.30		
1.4	256QAM	3	1	17.19	17.32	17.31		
1.4	256QAM	3	3	17.33	17.39	17.45		
1.4	256QAM	6	0	17.25	17.35	17.42	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.85	17.00	16.88		
20	QPSK	1	49	16.81	16.79	16.92	18.5	0
20	QPSK	1	99	16.78	16.77	16.89		
20	QPSK	50	0	16.71	16.82	16.78		
20	QPSK	50	24	16.63	16.77	16.60	18.5	0
20	QPSK	50	50	16.67	16.72	16.64		
20	QPSK	100	0	16.59	16.65	16.58		
20	16QAM	1	0	16.55	16.65	16.72		
20	16QAM	1	49	16.60	16.55	16.70	18.5	0
20	16QAM	1	99	16.60	16.53	16.59		
20	16QAM	50	0	16.78	16.68	16.70		
20	16QAM	50	24	16.71	16.77	16.80	18.5	0
20	16QAM	50	50	16.70	16.67	16.77		
20	16QAM	100	0	16.62	16.84	16.80		
20	64QAM	1	0	16.66	16.77	16.82		
20	64QAM	1	49	16.69	16.62	16.74	18.5	0
20	64QAM	1	99	16.75	16.85	16.70		
20	64QAM	50	0	16.72	16.80	16.72		
20	64QAM	50	24	16.66	16.82	16.69	18.5	0
20	64QAM	50	50	16.73	16.75	16.81		
20	64QAM	100	0	16.67	16.80	16.77		
20	256QAM	1	0	16.74	16.89	16.79		
20	256QAM	1	49	16.63	16.93	16.71	18.5	0
20	256QAM	1	99	16.79	16.72	16.73		
20	256QAM	50	0	16.74	16.84	16.81		
20	256QAM	50	24	16.62	16.77	16.79	18.5	0
20	256QAM	50	50	16.72	16.82	16.80		
20	256QAM	100	0	16.67	16.82	16.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.66	16.92	16.71		
15	QPSK	1	37	16.80	16.85	16.74	18.5	0
15	QPSK	1	74	16.65	16.74	16.68		
15	QPSK	36	0	16.58	16.77	16.56		
15	QPSK	36	20	16.63	16.63	16.58	18.5	0
15	QPSK	36	39	16.63	16.66	16.56		
15	QPSK	75	0	16.54	16.56	16.57		
15	16QAM	1	0	16.57	16.64	16.66		
15	16QAM	1	37	16.58	16.57	16.53	18.5	0
15	16QAM	1	74	16.54	16.54	16.55		
15	16QAM	36	0	16.66	16.51	16.63		
15	16QAM	36	20	16.63	16.60	16.67	18.5	0
15	16QAM	36	39	16.74	16.55	16.59		
15	16QAM	75	0	16.53	16.73	16.67		
15	64QAM	1	0	16.58	16.63	16.63		
15	64QAM	1	37	16.53	16.62	16.71	18.5	0
15	64QAM	1	74	16.62	16.77	16.66		
15	64QAM	36	0	16.68	16.68	16.60		
15	64QAM	36	20	16.64	16.61	16.65	18.5	0
15	64QAM	36	39	16.62	16.69	16.81		
15	64QAM	75	0	16.63	16.60	16.64		
15	256QAM	1	0	16.61	16.74	16.63		
15	256QAM	1	37	16.52	16.80	16.54	18.5	0
15	256QAM	1	74	16.66	16.69	16.72		
15	256QAM	36	0	16.58	16.70	16.61		
15	256QAM	36	20	16.56	16.66	16.67	18.5	0
15	256QAM	36	39	16.64	16.60	16.66		
15	256QAM	75	0	16.66	16.60	16.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.87	16.82		
10	QPSK	1	25	16.82	16.75	16.77	18.5	0
10	QPSK	1	49	16.66	16.66	16.66		
10	QPSK	25	0	16.61	16.71	16.56		
10	QPSK	25	12	16.65	16.61	16.61	18.5	0
10	QPSK	25	25	16.61	16.69	16.60		
10	QPSK	50	0	16.56	16.64	16.57		
10	16QAM	1	0	16.51	16.66	16.61		
10	16QAM	1	25	16.54	16.59	16.61	18.5	0
10	16QAM	1	49	16.58	16.61	16.59		
10	16QAM	25	0	16.66	16.50	16.51		
10	16QAM	25	12	16.59	16.58	16.71	18.5	0
10	16QAM	25	25	16.72	16.64	16.67		
10	16QAM	50	0	16.57	16.66	16.69		
10	64QAM	1	0	16.59	16.60	16.76		
10	64QAM	1	25	16.61	16.62	16.75	18.5	0
10	64QAM	1	49	16.57	16.60	16.62		
10	64QAM	25	0	16.71	16.70	16.56		
10	64QAM	25	12	16.55	16.66	16.51	18.5	0
10	64QAM	25	25	16.50	16.72	16.78		
10	64QAM	50	0	16.62	16.72	16.64		
10	256QAM	1	0	16.56	16.66	16.58		
10	256QAM	1	25	16.52	16.78	16.60	18.5	0
10	256QAM	1	49	16.72	16.68	16.69		
10	256QAM	25	0	16.56	16.68	16.59		
10	256QAM	25	12	16.50	16.72	16.74	18.5	0
10	256QAM	25	25	16.62	16.60	16.67		
10	256QAM	50	0	16.58	16.61	16.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.69	16.79	16.81		
5	QPSK	1	12	16.72	16.84	16.68	18.5	0
5	QPSK	1	24	16.76	16.77	16.68		
5	QPSK	12	0	16.58	16.68	16.67		
5	QPSK	12	7	16.63	16.53	16.54	18.5	0
5	QPSK	12	13	16.55	16.65	16.50		
5	QPSK	25	0	16.55	16.62	16.57		
5	16QAM	1	0	16.55	16.61	16.68		
5	16QAM	1	12	16.50	16.53	16.55	18.5	0
5	16QAM	1	24	16.56	16.56	16.61		
5	16QAM	12	0	16.65	16.55	16.60		
5	16QAM	12	7	16.72	16.53	16.76	18.5	0
5	16QAM	12	13	16.73	16.65	16.58		
5	16QAM	25	0	16.61	16.76	16.59		
5	64QAM	1	0	16.58	16.55	16.75		
5	64QAM	1	12	16.62	16.64	16.70	18.5	0
5	64QAM	1	24	16.58	16.73	16.71		
5	64QAM	12	0	16.67	16.64	16.59		
5	64QAM	12	7	16.58	16.71	16.56	18.5	0
5	64QAM	12	13	16.59	16.76	16.67		
5	64QAM	25	0	16.61	16.62	16.65		
5	256QAM	1	0	16.54	16.80	16.56		
5	256QAM	1	12	16.60	16.82	16.66	18.5	0
5	256QAM	1	24	16.70	16.72	16.68		
5	256QAM	12	0	16.63	16.79	16.63		
5	256QAM	12	7	16.59	16.75	16.59	18.5	0
5	256QAM	12	13	16.63	16.66	16.71		
5	256QAM	25	0	16.57	16.66	16.61		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.73	16.87	16.68		
3	QPSK	1	8	16.68	16.72	16.72	18.5	0
3	QPSK	1	14	16.77	16.80	16.62		
3	QPSK	8	0	16.54	16.78	16.67		
3	QPSK	8	4	16.52	16.64	16.51	18.5	0
3	QPSK	8	7	16.62	16.62	16.57		
3	QPSK	15	0	16.56	16.61	16.56		
3	16QAM	1	0	16.56	16.66	16.60		
3	16QAM	1	8	16.54	16.57	16.53	18.5	0
3	16QAM	1	14	16.57	16.58	16.58		
3	16QAM	8	0	16.62	16.60	16.55		
3	16QAM	8	4	16.70	16.63	16.63	18.5	0
3	16QAM	8	7	16.71	16.66	16.70		
3	16QAM	15	0	16.50	16.78	16.65		
3	64QAM	1	0	16.66	16.61	16.66		
3	64QAM	1	8	16.61	16.53	16.75	18.5	0
3	64QAM	1	14	16.70	16.69	16.59		
3	64QAM	8	0	16.71	16.68	16.54		
3	64QAM	8	4	16.65	16.57	16.63	18.5	0
3	64QAM	8	7	16.61	16.68	16.70		
3	64QAM	15	0	16.59	16.73	16.69		
3	256QAM	1	0	16.56	16.78	16.59		
3	256QAM	1	8	16.58	16.87	16.56	18.5	0
3	256QAM	1	14	16.62	16.60	16.68		
3	256QAM	8	0	16.63	16.81	16.64		
3	256QAM	8	4	16.52	16.65	16.67	18.5	0
3	256QAM	8	7	16.57	16.70	16.62		
3	256QAM	15	0	16.59	16.64	16.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.64	16.79	16.68		
1.4	QPSK	1	3	16.78	16.75	16.80		
1.4	QPSK	1	5	16.69	16.69	16.61	18.5	0
1.4	QPSK	3	0	16.58	16.75	16.58		
1.4	QPSK	3	1	16.55	16.63	16.54		
1.4	QPSK	3	3	16.60	16.55	16.55		
1.4	QPSK	6	0	16.53	16.66	16.56	18.5	0
1.4	16QAM	1	0	16.57	16.57	16.71		
1.4	16QAM	1	3	16.50	16.58	16.52		
1.4	16QAM	1	5	16.54	16.56	16.61	18.5	0
1.4	16QAM	3	0	16.65	16.57	16.55		
1.4	16QAM	3	1	16.63	16.68	16.69		
1.4	16QAM	3	3	16.61	16.59	16.66		
1.4	16QAM	6	0	16.51	16.72	16.62	18.5	0
1.4	64QAM	1	0	16.57	16.59	16.63		
1.4	64QAM	1	3	16.52	16.54	16.65		
1.4	64QAM	1	5	16.56	16.75	16.69	18.5	0
1.4	64QAM	3	0	16.66	16.77	16.67		
1.4	64QAM	3	1	16.57	16.66	16.61		
1.4	64QAM	3	3	16.63	16.78	16.75		
1.4	64QAM	6	0	16.68	16.65	16.72	18.5	0
1.4	256QAM	1	0	16.59	16.79	16.58		
1.4	256QAM	1	3	16.57	16.72	16.57		
1.4	256QAM	1	5	16.63	16.62	16.57	18.5	0
1.4	256QAM	3	0	16.66	16.74	16.69		
1.4	256QAM	3	1	16.57	16.69	16.62		
1.4	256QAM	3	3	16.53	16.59	16.72		
1.4	256QAM	6	0	16.62	16.70	16.65	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.81	18.84	18.74	20	0
20	QPSK	1	49	18.66	18.74	18.77		
20	QPSK	1	99	18.70	18.61	18.71		
20	QPSK	50	0	18.70	18.75	18.71	20	0
20	QPSK	50	24	18.64	18.63	18.56		
20	QPSK	50	50	18.61	18.51	18.46		
20	QPSK	100	0	18.39	18.71	18.40		
20	16QAM	1	0	18.45	18.62	18.65	20	0
20	16QAM	1	49	18.54	18.50	18.52		
20	16QAM	1	99	18.40	18.48	18.46		
20	16QAM	50	0	18.56	18.53	18.56	20	0
20	16QAM	50	24	18.55	18.51	18.74		
20	16QAM	50	50	18.67	18.50	18.61		
20	16QAM	100	0	18.47	18.75	18.61		
20	64QAM	1	0	18.53	18.57	18.67	20	0
20	64QAM	1	49	18.58	18.55	18.63		
20	64QAM	1	99	18.56	18.65	18.69		
20	64QAM	50	0	18.64	18.66	18.51	20	0
20	64QAM	50	24	18.50	18.59	18.58		
20	64QAM	50	50	18.61	18.67	18.65		
20	64QAM	100	0	18.65	18.61	18.71		
20	256QAM	1	0	18.55	18.71	18.53	20	0
20	256QAM	1	49	18.49	18.83	18.65		
20	256QAM	1	99	18.62	18.67	18.67		
20	256QAM	50	0	18.65	18.77	18.70	20	0
20	256QAM	50	24	18.52	18.65	18.66		
20	256QAM	50	50	18.62	18.60	18.71		
20	256QAM	100	0	18.50	18.64	18.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.56	18.72	18.64	20	0
15	QPSK	1	37	18.57	18.70	18.58		
15	QPSK	1	74	18.63	18.62	18.49		
15	QPSK	36	0	18.46	18.61	18.50	20	0
15	QPSK	36	20	18.49	18.52	18.37		
15	QPSK	36	39	18.44	18.46	18.32		
15	QPSK	75	0	18.33	18.48	18.23		
15	16QAM	1	0	18.44	18.51	18.43	20	0
15	16QAM	1	37	18.43	18.40	18.52		
15	16QAM	1	74	18.39	18.30	18.42		
15	16QAM	36	0	18.44	18.40	18.45	20	0
15	16QAM	36	20	18.51	18.43	18.52		
15	16QAM	36	39	18.59	18.53	18.55		
15	16QAM	75	0	18.42	18.53	18.53		
15	64QAM	1	0	18.41	18.42	18.50	20	0
15	64QAM	1	37	18.50	18.49	18.58		
15	64QAM	1	74	18.56	18.59	18.57		
15	64QAM	36	0	18.51	18.62	18.56	20	0
15	64QAM	36	20	18.44	18.48	18.52		
15	64QAM	36	39	18.38	18.59	18.59		
15	64QAM	75	0	18.47	18.56	18.60		
15	256QAM	1	0	18.40	18.56	18.48	20	0
15	256QAM	1	37	18.43	18.69	18.43		
15	256QAM	1	74	18.57	18.59	18.59		
15	256QAM	36	0	18.53	18.60	18.45	20	0
15	256QAM	36	20	18.46	18.49	18.56		
15	256QAM	36	39	18.55	18.53	18.52		
15	256QAM	75	0	18.43	18.54	18.47		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.61	18.68	18.65	20	0
10	QPSK	1	25	18.65	18.67	18.54		
10	QPSK	1	49	18.60	18.63	18.55		
10	QPSK	25	0	18.43	18.68	18.50	20	0
10	QPSK	25	12	18.42	18.49	18.44		
10	QPSK	25	25	18.42	18.44	18.45		
10	QPSK	50	0	18.35	18.48	18.28		
10	16QAM	1	0	18.35	18.48	18.51	20	0
10	16QAM	1	25	18.42	18.39	18.48		
10	16QAM	1	49	18.34	18.33	18.41		
10	16QAM	25	0	18.53	18.50	18.38	20	0
10	16QAM	25	12	18.55	18.42	18.63		
10	16QAM	25	25	18.46	18.50	18.46		
10	16QAM	50	0	18.36	18.59	18.50		
10	64QAM	1	0	18.42	18.46	18.49	20	0
10	64QAM	1	25	18.38	18.52	18.54		
10	64QAM	1	49	18.50	18.68	18.46		
10	64QAM	25	0	18.50	18.61	18.43	20	0
10	64QAM	25	12	18.43	18.48	18.37		
10	64QAM	25	25	18.51	18.66	18.60		
10	64QAM	50	0	18.52	18.47	18.60		
10	256QAM	1	0	18.42	18.61	18.52	20	0
10	256QAM	1	25	18.46	18.68	18.48		
10	256QAM	1	49	18.57	18.46	18.58		
10	256QAM	25	0	18.41	18.61	18.52	20	0
10	256QAM	25	12	18.35	18.58	18.55		
10	256QAM	25	25	18.48	18.46	18.53		
10	256QAM	50	0	18.42	18.61	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.58	18.69	18.63	20	0
5	QPSK	1	12	18.64	18.58	18.57		
5	QPSK	1	24	18.57	18.53	18.48		
5	QPSK	12	0	18.38	18.62	18.45	20	0
5	QPSK	12	7	18.38	18.55	18.50		
5	QPSK	12	13	18.37	18.45	18.37		
5	QPSK	25	0	18.30	18.40	18.30		
5	16QAM	1	0	18.34	18.47	18.47	20	0
5	16QAM	1	12	18.47	18.36	18.53		
5	16QAM	1	24	18.44	18.33	18.43		
5	16QAM	12	0	18.49	18.43	18.50	20	0
5	16QAM	12	7	18.56	18.39	18.54		
5	16QAM	12	13	18.51	18.43	18.59		
5	16QAM	25	0	18.43	18.54	18.59		
5	64QAM	1	0	18.44	18.46	18.62	20	0
5	64QAM	1	12	18.43	18.50	18.62		
5	64QAM	1	24	18.53	18.63	18.57		
5	64QAM	12	0	18.61	18.61	18.54	20	0
5	64QAM	12	7	18.49	18.47	18.40		
5	64QAM	12	13	18.49	18.66	18.69		
5	64QAM	25	0	18.46	18.48	18.56		
5	256QAM	1	0	18.44	18.63	18.50	20	0
5	256QAM	1	12	18.43	18.73	18.53		
5	256QAM	1	24	18.57	18.55	18.51		
5	256QAM	12	0	18.48	18.65	18.57	20	0
5	256QAM	12	7	18.47	18.48	18.60		
5	256QAM	12	13	18.51	18.59	18.62		
5	256QAM	25	0	18.41	18.56	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.06	18.04	18.16	18.14	18.12	19.5	0
20	QPSK	1	49	18.01	18.10	18.05	18.14	18.04		
20	QPSK	1	99	18.02	18.01	18.12	17.94	17.97		
20	QPSK	50	0	17.90	17.89	18.06	17.88	17.90	19.5	0
20	QPSK	50	24	17.84	17.88	17.99	17.88	17.89		
20	QPSK	50	50	17.80	17.84	17.88	17.79	17.83		
20	QPSK	100	0	17.67	17.79	18.01	17.75	17.68		
20	16QAM	1	0	17.88	17.86	17.97	17.91	18.01	19.5	0
20	16QAM	1	49	17.93	17.81	17.79	17.95	17.88		
20	16QAM	1	99	17.87	17.84	17.90	17.89	17.93		
20	16QAM	50	0	17.89	17.93	17.88	17.90	17.90	19.5	0
20	16QAM	50	24	17.98	18.03	17.92	18.00	18.10		
20	16QAM	50	50	18.05	18.01	17.96	17.95	17.90		
20	16QAM	100	0	17.84	17.83	18.08	17.95	17.93		
20	64QAM	1	0	17.91	17.87	17.97	17.95	18.08	19.5	0
20	64QAM	1	49	17.89	17.97	17.90	17.93	18.04		
20	64QAM	1	99	17.97	17.92	18.02	18.02	17.97		
20	64QAM	50	0	18.01	17.98	18.07	17.94	17.96	19.5	0
20	64QAM	50	24	17.87	17.88	17.94	17.91	17.84		
20	64QAM	50	50	17.94	17.92	18.01	18.07	18.06		
20	64QAM	100	0	17.98	18.01	17.96	18.10	18.09		
20	256QAM	1	0	17.99	17.91	18.09	17.92	18.00	19.5	0
20	256QAM	1	49	17.80	17.81	18.13	17.94	17.94		
20	256QAM	1	99	18.00	17.97	18.04	17.98	17.91		
20	256QAM	50	0	17.97	17.98	18.09	17.95	18.00	19.5	0
20	256QAM	50	24	17.79	17.91	18.04	18.03	18.01		
20	256QAM	50	50	17.87	17.87	17.91	18.01	18.07		
20	256QAM	100	0	17.97	17.92	17.92	17.95	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.84	17.87	18.05	17.96	18.01	20	0
15	QPSK	1	37	18.03	18.03	18.05	17.97	18.02		
15	QPSK	1	74	17.99	17.88	17.89	17.92	17.81		
15	QPSK	36	0	17.84	17.83	18.00	17.88	17.89	19.5	0
15	QPSK	36	20	17.74	17.83	17.90	17.83	17.75		
15	QPSK	36	39	17.78	17.75	17.90	17.74	17.72		
15	QPSK	75	0	17.58	17.57	17.85	17.62	17.69		
15	16QAM	1	0	17.77	17.67	17.82	17.90	17.81	19.5	0
15	16QAM	1	37	17.82	17.81	17.80	17.82	17.83		
15	16QAM	1	74	17.76	17.75	17.67	17.73	17.72		
15	16QAM	36	0	17.89	17.90	17.84	17.81	17.86	19.5	0
15	16QAM	36	20	17.88	17.95	17.79	17.97	17.99		
15	16QAM	36	39	17.83	17.90	17.81	17.90	17.91		
15	16QAM	75	0	17.72	17.81	17.89	17.95	17.93		
15	64QAM	1	0	17.85	17.77	17.76	17.88	17.93	19.5	0
15	64QAM	1	37	17.79	17.84	17.78	17.95	17.97		
15	64QAM	1	74	17.79	17.88	18.04	17.92	17.85		
15	64QAM	36	0	17.80	17.82	17.94	17.83	17.89	19.5	0
15	64QAM	36	20	17.73	17.87	17.82	17.74	17.94		
15	64QAM	36	39	17.79	17.74	17.87	18.00	17.96		
15	64QAM	75	0	17.81	17.87	17.83	17.93	17.98		
15	256QAM	1	0	17.82	17.81	17.97	17.83	17.79	19.5	0
15	256QAM	1	37	17.71	17.81	17.99	17.88	17.85		
15	256QAM	1	74	17.86	17.95	17.89	17.94	17.85		
15	256QAM	36	0	17.79	17.88	18.00	17.86	17.92	19.5	0
15	256QAM	36	20	17.82	17.78	17.92	17.88	17.81		
15	256QAM	36	39	17.76	17.78	17.91	17.91	17.90		
15	256QAM	75	0	17.79	17.84	17.91	17.85	17.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.90	17.87	18.06	17.93	17.95	20	0
10	QPSK	1	25	17.91	17.99	17.91	17.98	17.90		
10	QPSK	1	49	17.87	17.95	17.88	17.87	17.83		
10	QPSK	25	0	17.84	17.73	17.96	17.81	17.88	19.5	0
10	QPSK	25	12	17.82	17.77	17.85	17.72	17.84		
10	QPSK	25	25	17.71	17.71	17.91	17.78	17.77		
10	QPSK	50	0	17.68	17.58	17.78	17.68	17.66		
10	16QAM	1	0	17.75	17.72	17.83	17.87	17.92	19.5	0
10	16QAM	1	25	17.69	17.78	17.82	17.86	17.88		
10	16QAM	1	49	17.74	17.75	17.67	17.77	17.84		
10	16QAM	25	0	17.80	17.86	17.83	17.83	17.73	19.5	0
10	16QAM	25	12	17.89	17.87	17.77	17.96	17.90		
10	16QAM	25	25	17.92	17.87	17.88	17.92	17.81		
10	16QAM	50	0	17.83	17.79	17.97	17.88	17.86		
10	64QAM	1	0	17.78	17.80	17.91	17.97	17.88	19.5	0
10	64QAM	1	25	17.83	17.77	17.75	17.92	17.89		
10	64QAM	1	49	17.90	17.78	18.00	17.86	17.92		
10	64QAM	25	0	17.95	17.94	17.92	17.90	17.85	19.5	0
10	64QAM	25	12	17.79	17.80	17.93	17.84	17.86		
10	64QAM	25	25	17.71	17.71	17.92	18.03	17.89		
10	64QAM	50	0	17.80	17.89	17.84	17.97	17.90		
10	256QAM	1	0	17.84	17.90	17.88	17.88	17.86	19.5	0
10	256QAM	1	25	17.74	17.69	17.96	17.89	17.86		
10	256QAM	1	49	17.97	17.88	17.89	17.93	17.91		
10	256QAM	25	0	17.89	17.86	17.87	17.91	17.82	19.5	0
10	256QAM	25	12	17.73	17.81	17.91	17.83	17.92		
10	256QAM	25	25	17.81	17.87	17.89	17.86	17.97		
10	256QAM	50	0	17.79	17.75	17.90	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.85	17.86	18.10	17.95	18.04	20	0
5	QPSK	1	12	17.94	17.91	17.95	17.98	17.89		
5	QPSK	1	24	17.86	17.96	17.95	17.88	17.87		
5	QPSK	12	0	17.73	17.71	17.98	17.84	17.84	19.5	0
5	QPSK	12	7	17.74	17.87	17.91	17.85	17.74		
5	QPSK	12	13	17.72	17.80	17.89	17.76	17.77		
5	QPSK	25	0	17.61	17.68	17.75	17.69	17.63		
5	16QAM	1	0	17.79	17.74	17.74	17.90	17.90	19.5	0
5	16QAM	1	12	17.72	17.72	17.77	17.89	17.76		
5	16QAM	1	24	17.71	17.75	17.66	17.83	17.76		
5	16QAM	12	0	17.85	17.88	17.74	17.75	17.80	19.5	0
5	16QAM	12	7	17.94	17.92	17.75	17.87	17.87		
5	16QAM	12	13	17.89	17.86	17.78	17.83	17.81		
5	16QAM	25	0	17.83	17.70	17.93	17.86	17.88	19.5	0
5	64QAM	1	0	17.83	17.84	17.86	17.96	17.96		
5	64QAM	1	12	17.80	17.80	17.83	17.88	17.97		
5	64QAM	1	24	17.78	17.87	17.95	17.93	17.88		
5	64QAM	12	0	17.87	17.92	17.87	17.89	17.87	19.5	0
5	64QAM	12	7	17.85	17.77	17.79	17.86	17.74		
5	64QAM	12	13	17.81	17.81	17.88	18.03	18.02		
5	64QAM	25	0	17.92	17.79	17.90	17.88	18.00		
5	256QAM	1	0	17.82	17.84	17.89	17.77	17.77	19.5	0
5	256QAM	1	12	17.77	17.76	17.97	17.78	17.85		
5	256QAM	1	24	17.94	17.93	17.81	17.84	17.83		
5	256QAM	12	0	17.78	17.90	17.93	17.86	17.82	19.5	0
5	256QAM	12	7	17.75	17.82	17.88	17.87	17.84		
5	256QAM	12	13	17.79	17.83	17.84	17.97	17.86		
5	256QAM	25	0	17.82	17.86	17.91	17.83	17.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.08	16.20	16.03	16.7	0
20	QPSK	1	49	16.07	16.02	16.05		
20	QPSK	1	99	16.09	15.98	16.05		
20	QPSK	50	0	15.95	16.07	15.88	16.7	0
20	QPSK	50	24	15.96	15.97	15.87		
20	QPSK	50	50	15.91	15.98	15.86		
20	QPSK	100	0	15.69	15.88	15.67		
20	16QAM	1	0	15.88	15.93	15.98	16.7	0
20	16QAM	1	49	15.89	15.92	15.95		
20	16QAM	1	99	15.85	15.91	15.92		
20	16QAM	50	0	15.90	15.87	15.84	16.7	0
20	16QAM	50	24	15.95	15.88	15.99		
20	16QAM	50	50	15.93	15.88	15.94		
20	16QAM	100	0	15.91	16.00	15.98		
20	64QAM	1	0	15.92	15.95	15.96	16.7	0
20	64QAM	1	49	15.92	15.88	16.00		
20	64QAM	1	99	15.92	16.04	16.01		
20	64QAM	50	0	16.05	16.08	16.01	16.7	0
20	64QAM	50	24	15.94	16.01	15.91		
20	64QAM	50	50	15.90	16.12	16.07		
20	64QAM	100	0	15.94	16.09	16.08		
20	256QAM	1	0	15.95	16.06	15.99	16.7	0
20	256QAM	1	49	15.92	16.07	16.00		
20	256QAM	1	99	16.02	16.07	15.98		
20	256QAM	50	0	15.97	16.04	15.92	16.7	0
20	256QAM	50	24	15.86	16.02	16.02		
20	256QAM	50	50	15.91	15.98	16.00		
20	256QAM	100	0	15.97	15.93	15.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.95	16.09	16.00	16.7	0
15	QPSK	1	37	15.94	16.06	15.90		
15	QPSK	1	74	15.96	15.95	15.83		
15	QPSK	36	0	15.79	15.96	15.76	16.7	0
15	QPSK	36	20	15.88	15.90	15.83		
15	QPSK	36	39	15.75	15.83	15.81		
15	QPSK	75	0	15.61	15.86	15.63		
15	16QAM	1	0	15.66	15.84	15.90	16.7	0
15	16QAM	1	37	15.71	15.83	15.79		
15	16QAM	1	74	15.73	15.68	15.82		
15	16QAM	36	0	15.87	15.81	15.84	16.7	0
15	16QAM	36	20	15.95	15.80	15.96		
15	16QAM	36	39	15.91	15.86	15.90		
15	16QAM	75	0	15.75	15.89	15.84		
15	64QAM	1	0	15.77	15.76	15.85	16.7	0
15	64QAM	1	37	15.79	15.90	15.97		
15	64QAM	1	74	15.84	15.99	15.95		
15	64QAM	36	0	15.90	15.85	15.82	16.7	0
15	64QAM	36	20	15.79	15.92	15.84		
15	64QAM	36	39	15.72	15.92	15.92		
15	64QAM	75	0	15.85	15.92	15.96		
15	256QAM	1	0	15.78	15.90	15.90	16.7	0
15	256QAM	1	37	15.77	16.03	15.90		
15	256QAM	1	74	15.85	15.91	15.88		
15	256QAM	36	0	15.90	15.90	15.90	16.7	0
15	256QAM	36	20	15.84	15.88	15.96		
15	256QAM	36	39	15.85	15.91	15.97		
15	256QAM	75	0	15.86	15.90	15.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.95	16.12	15.90	16.7	0
10	QPSK	1	25	15.93	15.97	15.90		
10	QPSK	1	49	15.96	15.94	15.92		
10	QPSK	25	0	15.74	15.90	15.79	16.7	0
10	QPSK	25	12	15.84	15.86	15.80		
10	QPSK	25	25	15.84	15.84	15.79		
10	QPSK	50	0	15.66	15.79	15.58		
10	16QAM	1	0	15.78	15.83	15.79	16.7	0
10	16QAM	1	25	15.83	15.69	15.83		
10	16QAM	1	49	15.70	15.77	15.73		
10	16QAM	25	0	15.86	15.80	15.88	16.7	0
10	16QAM	25	12	15.91	15.77	15.93		
10	16QAM	25	25	15.87	15.91	15.81		
10	16QAM	50	0	15.74	15.97	15.83		
10	64QAM	1	0	15.81	15.89	15.95	16.7	0
10	64QAM	1	25	15.80	15.76	15.92		
10	64QAM	1	49	15.88	16.02	15.85		
10	64QAM	25	0	15.93	15.89	15.77	16.7	0
10	64QAM	25	12	15.89	15.92	15.73		
10	64QAM	25	25	15.87	15.93	15.90		
10	64QAM	50	0	15.94	15.98	15.86		
10	256QAM	1	0	15.82	15.96	15.78	16.7	0
10	256QAM	1	25	15.79	15.97	15.84		
10	256QAM	1	49	15.98	15.97	15.83		
10	256QAM	25	0	15.91	15.92	15.91	16.7	0
10	256QAM	25	12	15.83	15.88	15.88		
10	256QAM	25	25	15.90	15.88	15.91		
10	256QAM	50	0	15.75	15.91	15.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.86	16.02	15.92	16.7	0
5	QPSK	1	12	15.97	15.99	15.94		
5	QPSK	1	24	15.92	16.02	15.83		
5	QPSK	12	0	15.81	15.95	15.86	16.7	0
5	QPSK	12	7	15.79	15.83	15.77		
5	QPSK	12	13	15.73	15.83	15.81		
5	QPSK	25	0	15.62	15.73	15.69		
5	16QAM	1	0	15.72	15.84	15.88	16.7	0
5	16QAM	1	12	15.76	15.82	15.79		
5	16QAM	1	24	15.71	15.78	15.73		
5	16QAM	12	0	15.92	15.77	15.79	16.7	0
5	16QAM	12	7	15.92	15.89	15.99		
5	16QAM	12	13	15.93	15.84	15.85		
5	16QAM	25	0	15.72	15.97	15.94		
5	64QAM	1	0	15.77	15.91	15.96	16.7	0
5	64QAM	1	12	15.82	15.77	15.92		
5	64QAM	1	24	15.82	16.05	15.81		
5	64QAM	12	0	15.83	15.86	15.88	16.7	0
5	64QAM	12	7	15.74	15.82	15.78		
5	64QAM	12	13	15.78	15.89	15.95		
5	64QAM	25	0	15.79	15.85	15.96		
5	256QAM	1	0	15.80	15.98	15.87	16.7	0
5	256QAM	1	12	15.72	15.96	15.86		
5	256QAM	1	24	15.92	15.94	15.95		
5	256QAM	12	0	15.78	16.04	15.85	16.7	0
5	256QAM	12	7	15.68	15.88	15.94		
5	256QAM	12	13	15.80	15.91	15.92		
5	256QAM	25	0	15.76	15.85	15.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.59	16.62	16.73	16.71	17.5	0
20	QPSK	1	49	16.78	16.81	16.73	16.69		
20	QPSK	1	99	16.57	16.65	16.61	16.65		
20	QPSK	50	0	16.53	16.75	16.56	16.64	17.5	0
20	QPSK	50	24	16.62	16.55	16.57	16.58		
20	QPSK	50	50	16.57	16.59	16.50	16.56		
20	QPSK	100	0	16.43	16.52	16.41	16.39		
20	16QAM	1	0	16.55	16.59	16.65	16.66	17.5	0
20	16QAM	1	49	16.58	16.41	16.48	16.49		
20	16QAM	1	99	16.47	16.41	16.58	16.51		
20	16QAM	50	0	16.67	16.55	16.60	16.55	17.5	0
20	16QAM	50	24	16.66	16.51	16.65	16.71		
20	16QAM	50	50	16.56	16.55	16.64	16.67		
20	16QAM	100	0	16.55	16.75	16.62	16.68		
20	64QAM	1	0	16.55	16.64	16.59	16.73	17.5	0
20	64QAM	1	49	16.51	16.54	16.70	16.60		
20	64QAM	1	99	16.56	16.73	16.65	16.55		
20	64QAM	50	0	16.59	16.67	16.58	16.54	17.5	0
20	64QAM	50	24	16.58	16.54	16.61	16.52		
20	64QAM	50	50	16.55	16.63	16.65	16.64		
20	64QAM	100	0	16.54	16.59	16.68	16.61		
20	256QAM	1	0	16.53	16.75	16.65	16.52	17.5	0
20	256QAM	1	49	16.45	16.62	16.64	16.63		
20	256QAM	1	99	16.66	16.65	16.55	16.55		
20	256QAM	50	0	16.64	16.62	16.67	16.67	17.5	0
20	256QAM	50	24	16.45	16.57	16.64	16.64		
20	256QAM	50	50	16.58	16.68	16.68	16.67		
20	256QAM	100	0	16.49	16.59	16.58	16.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.51	16.77	16.62	16.57	17.5	0
15	QPSK	1	37	16.59	16.57	16.65	16.65		
15	QPSK	1	74	16.51	16.64	16.55	16.48		
15	QPSK	36	0	16.35	16.54	16.45	16.40	17.5	0
15	QPSK	36	20	16.39	16.51	16.50	16.47		
15	QPSK	36	39	16.39	16.53	16.43	16.40		
15	QPSK	75	0	16.28	16.37	16.34	16.35		
15	16QAM	1	0	16.41	16.44	16.47	16.37	17.5	0
15	16QAM	1	37	16.44	16.34	16.38	16.47		
15	16QAM	1	74	16.39	16.43	16.48	16.38		
15	16QAM	36	0	16.57	16.45	16.41	16.55	17.5	0
15	16QAM	36	20	16.51	16.39	16.57	16.47		
15	16QAM	36	39	16.50	16.48	16.49	16.60		
15	16QAM	75	0	16.35	16.56	16.56	16.37		
15	64QAM	1	0	16.51	16.42	16.52	16.45	17.5	0
15	64QAM	1	37	16.41	16.45	16.62	16.49		
15	64QAM	1	74	16.55	16.60	16.46	16.46		
15	64QAM	36	0	16.55	16.49	16.46	16.57	17.5	0
15	64QAM	36	20	16.42	16.46	16.50	16.37		
15	64QAM	36	39	16.35	16.55	16.66	16.36		
15	64QAM	75	0	16.44	16.52	16.49	16.51		
15	256QAM	1	0	16.52	16.64	16.48	16.45	17.5	0
15	256QAM	1	37	16.43	16.65	16.56	16.46		
15	256QAM	1	74	16.58	16.50	16.55	16.58		
15	256QAM	36	0	16.46	16.55	16.56	16.45	17.5	0
15	256QAM	36	20	16.42	16.54	16.49	16.32		
15	256QAM	36	39	16.38	16.45	16.58	16.45		
15	256QAM	75	0	16.48	16.51	16.54	16.52		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.51	16.73	16.58	16.56	17.5	0
10	QPSK	1	25	16.61	16.62	16.56	16.58		
10	QPSK	1	49	16.61	16.53	16.60	16.57		
10	QPSK	25	0	16.49	16.56	16.43	16.44	17.5	0
10	QPSK	25	12	16.51	16.55	16.48	16.44		
10	QPSK	25	25	16.41	16.50	16.43	16.49		
10	QPSK	50	0	16.31	16.52	16.25	16.28		
10	16QAM	1	0	16.40	16.37	16.46	16.39	17.5	0
10	16QAM	1	25	16.41	16.42	16.44	16.41		
10	16QAM	1	49	16.34	16.44	16.32	16.36		
10	16QAM	25	0	16.45	16.47	16.49	16.56	17.5	0
10	16QAM	25	12	16.53	16.50	16.51	16.53		
10	16QAM	25	25	16.48	16.53	16.44	16.47		
10	16QAM	50	0	16.33	16.56	16.60	16.47		
10	64QAM	1	0	16.46	16.42	16.58	16.46	17.5	0
10	64QAM	1	25	16.47	16.40	16.53	16.51		
10	64QAM	1	49	16.54	16.60	16.55	16.56		
10	64QAM	25	0	16.54	16.54	16.40	16.44	17.5	0
10	64QAM	25	12	16.37	16.43	16.40	16.50		
10	64QAM	25	25	16.38	16.60	16.62	16.42		
10	64QAM	50	0	16.43	16.49	16.56	16.50		
10	256QAM	1	0	16.49	16.62	16.51	16.42	17.5	0
10	256QAM	1	25	16.31	16.62	16.42	16.40		
10	256QAM	1	49	16.56	16.54	16.46	16.50		
10	256QAM	25	0	16.42	16.63	16.50	16.53	17.5	0
10	256QAM	25	12	16.43	16.48	16.52	16.42		
10	256QAM	25	25	16.40	16.52	16.51	16.40		
10	256QAM	50	0	16.44	16.54	16.60	16.42		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.55	16.71	16.65	16.66	17.5	0
5	QPSK	1	12	16.58	16.58	16.67	16.55		
5	QPSK	1	24	16.47	16.53	16.49	16.48		
5	QPSK	12	0	16.37	16.68	16.43	16.40	17.5	0
5	QPSK	12	7	16.43	16.41	16.36	16.40		
5	QPSK	12	13	16.50	16.46	16.47	16.38		
5	QPSK	25	0	16.29	16.43	16.21	16.34		
5	16QAM	1	0	16.32	16.44	16.54	16.54	17.5	0
5	16QAM	1	12	16.46	16.33	16.47	16.49		
5	16QAM	1	24	16.32	16.39	16.46	16.47		
5	16QAM	12	0	16.47	16.39	16.40	16.49	17.5	0
5	16QAM	12	7	16.49	16.54	16.54	16.53		
5	16QAM	12	13	16.47	16.45	16.60	16.46		
5	16QAM	25	0	16.41	16.64	16.55	16.58		
5	64QAM	1	0	16.45	16.45	16.53	16.55	17.5	0
5	64QAM	1	12	16.41	16.54	16.57	16.60		
5	64QAM	1	24	16.54	16.59	16.47	16.49		
5	64QAM	12	0	16.59	16.54	16.51	16.42	17.5	0
5	64QAM	12	7	16.48	16.57	16.41	16.38		
5	64QAM	12	13	16.36	16.59	16.57	16.56		
5	64QAM	25	0	16.53	16.48	16.53	16.61		
5	256QAM	1	0	16.48	16.53	16.40	16.50	17.5	0
5	256QAM	1	12	16.43	16.68	16.51	16.53		
5	256QAM	1	24	16.53	16.45	16.45	16.49		
5	256QAM	12	0	16.51	16.60	16.50	16.55	17.5	0
5	256QAM	12	7	16.31	16.59	16.53	16.49		
5	256QAM	12	13	16.39	16.52	16.58	16.57		
5	256QAM	25	0	16.52	16.58	16.55	16.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.73	20.85	20.80		
20	QPSK	1	49	20.81	20.73	20.82	22	0
20	QPSK	1	99	20.77	20.77	20.67		
20	QPSK	50	0	20.64	20.79	20.60		
20	QPSK	50	24	20.54	20.63	20.59	22	0
20	QPSK	50	50	20.64	20.60	20.60		
20	QPSK	100	0	20.44	20.63	20.39		
20	16QAM	1	0	20.50	20.64	20.59		
20	16QAM	1	49	20.47	20.47	20.61	22	0
20	16QAM	1	99	20.58	20.49	20.55		
20	16QAM	50	0	20.72	20.61	20.52		
20	16QAM	50	24	20.63	20.68	20.71	22	0
20	16QAM	50	50	20.74	20.63	20.61		
20	16QAM	100	0	20.56	20.70	20.71		
20	64QAM	1	0	20.58	20.67	20.67		
20	64QAM	1	49	20.55	20.66	20.76	22	0
20	64QAM	1	99	20.71	20.68	20.75		
20	64QAM	50	0	20.63	20.72	20.60		
20	64QAM	50	24	20.58	20.62	20.56	22	0
20	64QAM	50	50	20.58	20.70	20.76		
x	64QAM	100	0	20.59	20.74	20.67		
20	256QAM	1	0	19.07	19.27	19.05		
20	256QAM	1	49	18.98	19.14	19.02	20.5	1.5
20	256QAM	1	99	18.97	18.95	18.89		
20	256QAM	50	0	19.17	19.18	19.13		
20	256QAM	50	24	19.20	19.11	19.05	20.5	1.5
20	256QAM	50	50	19.13	19.28	19.03		
20	256QAM	100	0	19.20	19.31	19.12		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.61	20.68	20.64		
15	QPSK	1	37	20.67	20.67	20.58	22	0
15	QPSK	1	74	20.55	20.67	20.50		
15	QPSK	36	0	20.49	20.72	20.47		
15	QPSK	36	20	20.43	20.53	20.43	22	0
15	QPSK	36	39	20.45	20.54	20.50		
15	QPSK	75	0	20.41	20.42	20.34		
15	16QAM	1	0	20.47	20.54	20.60		
15	16QAM	1	37	20.39	20.44	20.52	22	0
15	16QAM	1	74	20.44	20.47	20.46		
15	16QAM	36	0	20.51	20.42	20.49		
15	16QAM	36	20	20.55	20.53	20.62	22	0
15	16QAM	36	39	20.59	20.45	20.65		
15	16QAM	75	0	20.48	20.70	20.55		
15	64QAM	1	0	20.59	20.52	20.53		
15	64QAM	1	37	20.52	20.56	20.65	22	0
15	64QAM	1	74	20.57	20.64	20.53		
15	64QAM	36	0	20.59	20.64	20.57		
15	64QAM	36	20	20.52	20.53	20.51	22	0
15	64QAM	36	39	20.49	20.61	20.62		
15	64QAM	75	0	20.57	20.61	20.58		
15	256QAM	1	0	19.01	19.13	18.94		
15	256QAM	1	37	18.90	19.12	18.90	20.5	1.5
15	256QAM	1	74	18.88	18.84	18.83		
15	256QAM	36	0	19.02	19.10	19.10		
15	256QAM	36	20	19.13	19.05	18.88	20.5	1.5
15	256QAM	36	39	19.10	19.21	18.98		
15	256QAM	75	0	19.09	19.26	18.95		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.54	20.71	20.58		
10	QPSK	1	25	20.69	20.74	20.59	22	0
10	QPSK	1	49	20.57	20.64	20.54		
10	QPSK	25	0	20.49	20.61	20.60		
10	QPSK	25	12	20.54	20.50	20.43	22	0
10	QPSK	25	25	20.53	20.57	20.44		
10	QPSK	50	0	20.26	20.48	20.35		
10	16QAM	1	0	20.35	20.44	20.57		
10	16QAM	1	25	20.45	20.38	20.52	22	0
10	16QAM	1	49	20.36	20.35	20.42		
10	16QAM	25	0	20.51	20.50	20.41		
10	16QAM	25	12	20.56	20.49	20.65	22	0
10	16QAM	25	25	20.52	20.45	20.58		
10	16QAM	50	0	20.45	20.65	20.52		
10	64QAM	1	0	20.55	20.50	20.61		
10	64QAM	1	25	20.45	20.50	20.59	22	0
10	64QAM	1	49	20.53	20.73	20.50		
10	64QAM	25	0	20.55	20.61	20.53		
10	64QAM	25	12	20.53	20.56	20.55	22	0
10	64QAM	25	25	20.50	20.59	20.72		
10	64QAM	50	0	20.50	20.55	20.66		
10	256QAM	1	0	19.01	19.17	18.93		
10	256QAM	1	25	18.83	18.98	18.90	20.5	1.5
10	256QAM	1	49	18.93	18.92	18.71		
10	256QAM	25	0	19.13	19.12	18.99		
10	256QAM	25	12	19.04	18.94	18.99	20.5	1.5
10	256QAM	25	25	19.09	19.14	18.86		
10	256QAM	50	0	19.14	19.22	19.08		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.65	20.80	20.64		
5	QPSK	1	12	20.71	20.64	20.61	22	0
5	QPSK	1	24	20.64	20.61	20.63		
5	QPSK	12	0	20.40	20.69	20.55		
5	QPSK	12	7	20.49	20.57	20.43	22	0
5	QPSK	12	13	20.44	20.55	20.47		
5	QPSK	25	0	20.26	20.54	20.31		
5	16QAM	1	0	20.35	20.42	20.50		
5	16QAM	1	12	20.42	20.50	20.53	22	0
5	16QAM	1	24	20.45	20.43	20.53		
5	16QAM	12	0	20.59	20.49	20.46		
5	16QAM	12	7	20.57	20.52	20.61	22	0
5	16QAM	12	13	20.52	20.51	20.60		
5	16QAM	25	0	20.46	20.68	20.64		
5	64QAM	1	0	20.46	20.60	20.53		
5	64QAM	1	12	20.46	20.48	20.54	22	0
5	64QAM	1	24	20.59	20.59	20.63		
5	64QAM	12	0	20.64	20.53	20.55		
5	64QAM	12	7	20.45	20.56	20.51	22	0
5	64QAM	12	13	20.44	20.57	20.69		
5	64QAM	25	0	20.62	20.66	20.61		
5	256QAM	1	0	19.00	19.16	19.03		
5	256QAM	1	12	18.86	18.99	18.84	20.5	1.5
5	256QAM	1	24	18.93	18.80	18.81		
5	256QAM	12	0	19.12	19.15	19.09		
5	256QAM	12	7	19.05	19.07	19.01	20.5	1.5
5	256QAM	12	13	18.99	19.16	18.95		
5	256QAM	25	0	19.16	19.29	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.69	18.83	18.78	18.71		
20	QPSK	1	49	18.66	18.71	18.70	18.65	20	0
20	QPSK	1	99	18.60	18.65	18.69	18.59		
20	QPSK	50	0	18.56	18.79	18.57	18.47		
20	QPSK	50	24	18.51	18.65	18.53	18.53	20	0
20	QPSK	50	50	18.54	18.53	18.45	18.50		
20	QPSK	100	0	18.45	18.51	18.43	18.35		
20	16QAM	1	0	18.55	18.57	18.67	18.44		
20	16QAM	1	49	18.48	18.51	18.52	18.54	20	0
20	16QAM	1	99	18.45	18.43	18.45	18.43		
20	16QAM	50	0	18.64	18.60	18.50	18.58		
20	16QAM	50	24	18.67	18.49	18.60	18.63	20	0
20	16QAM	50	50	18.57	18.66	18.62	18.71		
20	16QAM	100	0	18.50	18.75	18.67	18.60		
20	64QAM	1	0	18.64	18.66	18.67	18.63		
20	64QAM	1	49	18.56	18.49	18.58	18.53	20	0
20	64QAM	1	99	18.62	18.65	18.61	18.63		
20	64QAM	50	0	18.67	18.59	18.62	18.58		
20	64QAM	50	24	18.47	18.68	18.52	18.51	20	0
20	64QAM	50	50	18.45	18.75	18.69	18.50		
20	64QAM	100	0	18.55	18.73	18.69	18.61		
20	256QAM	1	0	17.50	17.74	17.38	17.48		
20	256QAM	1	49	17.51	17.57	17.48	17.51	19	1
20	256QAM	1	99	17.36	17.51	17.40	17.39		
20	256QAM	50	0	17.56	17.69	17.63	17.56		
20	256QAM	50	24	17.65	17.56	17.52	17.48	19	1
20	256QAM	50	50	17.62	17.71	17.53	17.54		
20	256QAM	100	0	17.70	17.65	17.61	17.61		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.58	18.78	18.57	18.59		
15	QPSK	1	37	18.61	18.70	18.60	18.65	20	0
15	QPSK	1	74	18.50	18.63	18.50	18.63		
15	QPSK	36	0	18.38	18.66	18.56	18.47		
15	QPSK	36	20	18.49	18.51	18.36	18.45	20	0
15	QPSK	36	39	18.50	18.48	18.35	18.49		
15	QPSK	75	0	18.33	18.46	18.28	18.26		
15	16QAM	1	0	18.37	18.45	18.54	18.41		
15	16QAM	1	37	18.49	18.36	18.43	18.33	20	0
15	16QAM	1	74	18.42	18.35	18.44	18.34		
15	16QAM	36	0	18.52	18.50	18.41	18.46		
15	16QAM	36	20	18.45	18.50	18.51	18.54	20	0
15	16QAM	36	39	18.46	18.45	18.55	18.47		
15	16QAM	75	0	18.48	18.52	18.59	18.44		
15	64QAM	1	0	18.53	18.51	18.49	18.43		
15	64QAM	1	37	18.49	18.40	18.61	18.45	20	0
15	64QAM	1	74	18.44	18.70	18.53	18.50		
15	64QAM	36	0	18.45	18.58	18.49	18.55		
15	64QAM	36	20	18.49	18.50	18.50	18.45	20	0
15	64QAM	36	39	18.46	18.61	18.68	18.40		
15	64QAM	75	0	18.49	18.50	18.50	18.50		
15	256QAM	1	0	17.42	17.59	17.35	17.38		
15	256QAM	1	37	17.40	17.54	17.34	17.40	19	1
15	256QAM	1	74	17.24	17.36	17.23	17.33		
15	256QAM	36	0	17.48	17.64	17.58	17.51		
15	256QAM	36	20	17.52	17.40	17.40	17.30	19	1
15	256QAM	36	39	17.48	17.67	17.41	17.51		
15	256QAM	75	0	17.52	17.49	17.45	17.53		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.61	18.78	18.59	18.65		
10	QPSK	1	25	18.62	18.62	18.67	18.58	20	0
10	QPSK	1	49	18.52	18.56	18.52	18.53		
10	QPSK	25	0	18.38	18.67	18.49	18.46		
10	QPSK	25	12	18.50	18.51	18.51	18.42	20	0
10	QPSK	25	25	18.40	18.43	18.36	18.45		
10	QPSK	50	0	18.27	18.38	18.29	18.33		
10	16QAM	1	0	18.41	18.51	18.48	18.51		
10	16QAM	1	25	18.45	18.39	18.46	18.41	20	0
10	16QAM	1	49	18.36	18.35	18.45	18.49		
10	16QAM	25	0	18.42	18.43	18.52	18.51		
10	16QAM	25	12	18.47	18.52	18.62	18.53	20	0
10	16QAM	25	25	18.60	18.55	18.58	18.60		
10	16QAM	50	0	18.43	18.68	18.49	18.59		
10	64QAM	1	0	18.51	18.41	18.51	18.64		
10	64QAM	1	25	18.51	18.45	18.52	18.47	20	0
10	64QAM	1	49	18.52	18.66	18.58	18.47		
10	64QAM	25	0	18.51	18.61	18.50	18.46		
10	64QAM	25	12	18.48	18.54	18.49	18.40	20	0
10	64QAM	25	25	18.48	18.60	18.58	18.59		
10	64QAM	50	0	18.48	18.55	18.64	18.64		
10	256QAM	1	0	17.34	17.56	17.22	17.39		
10	256QAM	1	25	17.37	17.47	17.31	17.46	19	1
10	256QAM	1	49	17.27	17.33	17.36	17.27		
10	256QAM	25	0	17.54	17.55	17.60	17.50		
10	256QAM	25	12	17.50	17.39	17.42	17.35	19	1
10	256QAM	25	25	17.55	17.65	17.46	17.52		
10	256QAM	50	0	17.54	17.56	17.47	17.53		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.64	18.74	18.59	18.57		
5	QPSK	1	12	18.69	18.71	18.53	18.62	20	0
5	QPSK	1	24	18.55	18.51	18.56	18.50		
5	QPSK	12	0	18.40	18.63	18.44	18.40		
5	QPSK	12	7	18.51	18.55	18.42	18.41	20	0
5	QPSK	12	13	18.41	18.52	18.45	18.40		
5	QPSK	25	0	18.24	18.50	18.27	18.26		
5	16QAM	1	0	18.45	18.41	18.53	18.49		
5	16QAM	1	12	18.36	18.33	18.48	18.49	20	0
5	16QAM	1	24	18.41	18.41	18.34	18.43		
5	16QAM	12	0	18.46	18.41	18.42	18.41		
5	16QAM	12	7	18.58	18.55	18.61	18.54	20	0
5	16QAM	12	13	18.46	18.51	18.58	18.45		
5	16QAM	25	0	18.41	18.60	18.56	18.62		
5	64QAM	1	0	18.42	18.51	18.54	18.57		
5	64QAM	1	12	18.47	18.49	18.60	18.61	20	0
5	64QAM	1	24	18.57	18.66	18.47	18.49		
5	64QAM	12	0	18.53	18.63	18.56	18.41		
5	64QAM	12	7	18.37	18.46	18.40	18.52	20	0
5	64QAM	12	13	18.43	18.62	18.63	18.61		
5	64QAM	25	0	18.45	18.60	18.57	18.53		
5	256QAM	1	0	17.40	17.65	17.23	17.37		
5	256QAM	1	12	17.44	17.42	17.32	17.42	19	1
5	256QAM	1	24	17.29	17.40	17.27	17.28		
5	256QAM	12	0	17.41	17.56	17.56	17.50		
5	256QAM	12	7	17.60	17.52	17.45	17.41	19	1
5	256QAM	12	13	17.47	17.63	17.37	17.46		
5	256QAM	25	0	17.67	17.55	17.56	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.23	18.34	18.13	19.5	0
20	QPSK	1	49	18.19	18.28	18.16		
20	QPSK	1	99	18.12	18.25	18.17		
20	QPSK	50	0	18.24	18.27	18.15	19.5	0
20	QPSK	50	24	18.02	18.07	17.99		
20	QPSK	50	50	18.10	18.05	18.06		
20	QPSK	100	0	18.07	18.19	18.16		
20	16QAM	1	0	18.03	18.08	18.13	19.5	0
20	16QAM	1	49	17.93	18.05	18.09		
20	16QAM	1	99	17.93	18.00	18.00		
20	16QAM	50	0	18.08	18.02	18.04	19.5	0
20	16QAM	50	24	18.10	18.09	18.16		
20	16QAM	50	50	18.14	18.10	18.11		
20	16QAM	100	0	18.05	18.18	18.18		
20	64QAM	1	0	18.07	18.01	18.16	19.5	0
20	64QAM	1	49	18.05	18.12	18.13		
20	64QAM	1	99	18.04	18.22	18.07		
20	64QAM	50	0	18.11	18.12	18.06	19.5	0
20	64QAM	50	24	18.04	18.11	18.09		
20	64QAM	50	50	18.03	18.25	18.19		
20	64QAM	100	0	18.13	18.06	18.15		
20	256QAM	1	0	18.12	18.12	18.03	19.5	0
20	256QAM	1	49	18.02	18.31	18.11		
20	256QAM	1	99	18.10	18.09	18.10		
20	256QAM	50	0	18.13	18.19	18.12	19.5	0
20	256QAM	50	24	18.03	18.21	18.13		
20	256QAM	50	50	18.04	18.07	18.20		
20	256QAM	100	0	18.01	18.05	18.05		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.09	18.25	18.12	19.5	0
15	QPSK	1	37	18.13	18.07	18.17		
15	QPSK	1	74	18.03	18.01	17.96		
15	QPSK	36	0	17.91	18.08	17.92	19.5	0
15	QPSK	36	20	18.00	18.02	17.97		
15	QPSK	36	39	17.94	17.99	17.88		
15	QPSK	75	0	17.73	17.91	17.81		
15	16QAM	1	0	17.88	17.98	18.03	19.5	0
15	16QAM	1	37	17.86	17.89	17.99		
15	16QAM	1	74	17.93	17.90	17.91		
15	16QAM	36	0	17.99	17.91	18.00	19.5	0
15	16QAM	36	20	18.07	18.03	18.15		
15	16QAM	36	39	18.02	17.94	18.00		
15	16QAM	75	0	17.91	18.02	17.96		
15	64QAM	1	0	18.00	18.01	18.07	19.5	0
15	64QAM	1	37	17.93	17.95	17.97		
15	64QAM	1	74	18.07	18.06	17.98		
15	64QAM	36	0	18.06	18.12	18.01	19.5	0
15	64QAM	36	20	17.97	17.99	18.00		
15	64QAM	36	39	17.85	18.09	18.05		
15	64QAM	75	0	18.01	18.04	18.05		
15	256QAM	1	0	17.98	18.16	17.98	19.5	0
15	256QAM	1	37	17.83	18.15	17.94		
15	256QAM	1	74	18.04	17.96	18.00		
15	256QAM	36	0	17.96	18.10	18.00	19.5	0
15	256QAM	36	20	17.96	17.97	18.00		
15	256QAM	36	39	18.02	18.05	18.07		
15	256QAM	75	0	17.90	17.98	18.03		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.13	18.22	18.11	19.5	0
10	QPSK	1	25	18.05	18.10	18.03		
10	QPSK	1	49	18.06	18.00	18.10		
10	QPSK	25	0	17.98	18.04	17.98	19.5	0
10	QPSK	25	12	17.90	17.97	17.89		
10	QPSK	25	25	17.94	17.95	17.84		
10	QPSK	50	0	17.78	17.99	17.76		
10	16QAM	1	0	17.89	17.87	17.92	19.5	0
10	16QAM	1	25	17.91	17.93	17.88		
10	16QAM	1	49	17.86	17.82	17.97		
10	16QAM	25	0	18.03	17.95	17.86	19.5	0
10	16QAM	25	12	18.06	17.96	18.04		
10	16QAM	25	25	18.10	17.90	18.03		
10	16QAM	50	0	17.95	18.02	18.08		
10	64QAM	1	0	17.90	17.93	18.10	19.5	0
10	64QAM	1	25	17.89	17.95	18.05		
10	64QAM	1	49	17.93	18.14	18.05		
10	64QAM	25	0	18.02	18.03	17.93	19.5	0
10	64QAM	25	12	17.89	18.07	17.91		
10	64QAM	25	25	17.89	18.11	18.12		
10	64QAM	50	0	18.05	18.11	18.05		
10	256QAM	1	0	17.98	18.04	17.99	19.5	0
10	256QAM	1	25	17.96	18.20	18.06		
10	256QAM	1	49	17.98	18.07	17.95		
10	256QAM	25	0	17.94	18.16	17.93	19.5	0
10	256QAM	25	12	17.92	18.08	17.94		
10	256QAM	25	25	17.98	18.03	18.02		
10	256QAM	50	0	17.93	17.97	18.00		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.02	18.20	18.09	19.5	0
5	QPSK	1	12	18.05	18.13	18.04		
5	QPSK	1	24	18.13	18.16	18.07		
5	QPSK	12	0	17.97	18.14	18.00	19.5	0
5	QPSK	12	7	17.91	17.90	17.90		
5	QPSK	12	13	17.88	17.93	17.83		
5	QPSK	25	0	17.83	18.01	17.83		
5	16QAM	1	0	17.81	17.88	17.95	19.5	0
5	16QAM	1	12	17.94	17.85	17.94		
5	16QAM	1	24	17.87	17.86	17.95		
5	16QAM	12	0	18.01	17.86	17.90	19.5	0
5	16QAM	12	7	17.99	17.88	18.12		
5	16QAM	12	13	18.01	17.96	17.99		
5	16QAM	25	0	17.95	18.14	18.06		
5	64QAM	1	0	18.03	17.91	18.04	19.5	0
5	64QAM	1	12	17.89	18.02	18.10		
5	64QAM	1	24	17.93	18.06	17.95		
5	64QAM	12	0	17.99	18.08	17.94	19.5	0
5	64QAM	12	7	18.01	18.05	17.91		
5	64QAM	12	13	17.91	18.02	18.06		
5	64QAM	25	0	18.08	18.12	17.99		
5	256QAM	1	0	18.04	18.17	17.96	19.5	0
5	256QAM	1	12	17.96	18.11	18.04		
5	256QAM	1	24	18.10	18.10	17.94		
5	256QAM	12	0	17.99	18.12	18.03	19.5	0
5	256QAM	12	7	17.94	18.03	18.04		
5	256QAM	12	13	17.99	17.93	18.02		
5	256QAM	25	0	17.92	17.96	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.74	18.85	18.76	18.72	20	0
20	QPSK	1	49	18.76	18.79	18.72	18.73		
20	QPSK	1	99	18.72	18.81	18.70	18.75		
20	QPSK	50	0	18.53	18.74	18.60	18.68	20	0
20	QPSK	50	24	18.58	18.59	18.60	18.53		
20	QPSK	50	50	18.56	18.67	18.60	18.48		
20	QPSK	100	0	18.49	18.62	18.35	18.42		
20	16QAM	1	0	18.48	18.60	18.66	18.67	20	0
20	16QAM	1	49	18.55	18.50	18.69	18.55		
20	16QAM	1	99	18.46	18.51	18.58	18.62		
20	16QAM	50	0	18.59	18.63	18.57	18.61	20	0
20	16QAM	50	24	18.61	18.59	18.71	18.69		
20	16QAM	50	50	18.64	18.68	18.63	18.66		
20	16QAM	100	0	18.51	18.80	18.72	18.67		
20	64QAM	1	0	18.66	18.62	18.76	18.73	20	0
20	64QAM	1	49	18.61	18.55	18.63	18.74		
20	64QAM	1	99	18.58	18.69	18.66	18.62		
20	64QAM	50	0	18.69	18.79	18.66	18.58	20	0
20	64QAM	50	24	18.63	18.74	18.61	18.56		
20	64QAM	50	50	18.57	18.69	18.79	18.74		
20	64QAM	100	0	18.63	18.70	18.66	18.77		
20	256QAM	1	0	17.07	17.20	16.96	16.97	18.5	1.5
20	256QAM	1	49	17.00	17.14	17.04	17.07		
20	256QAM	1	99	16.95	16.99	16.95	16.89		
20	256QAM	50	0	17.18	17.18	17.16	17.13	18.5	1.5
20	256QAM	50	24	17.13	17.15	17.11	17.11		
20	256QAM	50	50	17.12	17.26	17.10	17.00		
20	256QAM	100	0	17.22	17.27	17.11	17.14		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.54	18.79	18.61	18.66	20	0
15	QPSK	1	37	18.70	18.76	18.66	18.67		
15	QPSK	1	74	18.64	18.63	18.63	18.57		
15	QPSK	36	0	18.53	18.65	18.47	18.57	20	0
15	QPSK	36	20	18.45	18.47	18.48	18.51		
15	QPSK	36	39	18.43	18.49	18.50	18.51		
15	QPSK	75	0	18.40	18.56	18.27	18.27		
15	16QAM	1	0	18.48	18.50	18.59	18.58	20	0
15	16QAM	1	37	18.48	18.44	18.48	18.53		
15	16QAM	1	74	18.46	18.47	18.52	18.51		
15	16QAM	36	0	18.53	18.54	18.56	18.53	20	0
15	16QAM	36	20	18.59	18.60	18.58	18.68		
15	16QAM	36	39	18.60	18.48	18.60	18.58		
15	16QAM	75	0	18.47	18.65	18.57	18.63		
15	64QAM	1	0	18.52	18.57	18.61	18.56	20	0
15	64QAM	1	37	18.53	18.46	18.64	18.53		
15	64QAM	1	74	18.48	18.65	18.51	18.64		
15	64QAM	36	0	18.64	18.66	18.55	18.52	20	0
15	64QAM	36	20	18.55	18.61	18.44	18.52		
15	64QAM	36	39	18.42	18.69	18.61	18.63		
15	64QAM	75	0	18.53	18.64	18.64	18.61		
15	256QAM	1	0	16.96	17.17	16.85	16.83	18.5	1.5
15	256QAM	1	37	16.97	16.99	16.96	17.01		
15	256QAM	1	74	16.80	16.91	16.89	16.72		
15	256QAM	36	0	17.07	17.09	17.04	17.05	18.5	1.5
15	256QAM	36	20	17.05	17.06	17.09	16.97		
15	256QAM	36	39	16.98	17.08	17.06	16.89		
15	256QAM	75	0	17.20	17.20	16.96	17.06		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3552	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.62	18.75	18.72	18.74	20	0
10	QPSK	1	25	18.59	18.71	18.59	18.63		
10	QPSK	1	49	18.54	18.60	18.55	18.56		
10	QPSK	25	0	18.56	18.59	18.57	18.54	20	0
10	QPSK	25	12	18.54	18.55	18.44	18.55		
10	QPSK	25	25	18.42	18.55	18.46	18.41		
10	QPSK	50	0	18.26	18.44	18.34	18.39		
10	16QAM	1	0	18.39	18.56	18.53	18.60	20	0
10	16QAM	1	25	18.53	18.42	18.53	18.55		
10	16QAM	1	49	18.43	18.37	18.39	18.38		
10	16QAM	25	0	18.55	18.44	18.44	18.45	20	0
10	16QAM	25	12	18.52	18.46	18.61	18.59		
10	16QAM	25	25	18.60	18.47	18.62	18.57		
10	16QAM	50	0	18.40	18.71	18.56	18.65		
10	64QAM	1	0	18.58	18.47	18.66	18.61	20	0
10	64QAM	1	25	18.56	18.50	18.64	18.56		
10	64QAM	1	49	18.53	18.73	18.54	18.52		
10	64QAM	25	0	18.61	18.54	18.49	18.55	20	0
10	64QAM	25	12	18.56	18.60	18.44	18.51		
10	64QAM	25	25	18.55	18.68	18.62	18.64		
10	64QAM	50	0	18.57	18.64	18.67	18.55		
10	256QAM	1	0	16.98	17.10	16.82	16.91	18.5	1.5
10	256QAM	1	25	16.88	16.99	16.88	16.94		
10	256QAM	1	49	16.77	16.95	16.78	16.80		
10	256QAM	25	0	17.10	17.13	16.98	17.10	18.5	1.5
10	256QAM	25	12	17.03	17.08	17.03	17.04		
10	256QAM	25	25	16.99	17.12	17.06	16.97		
10	256QAM	50	0	17.10	17.21	16.96	17.07		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3550.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.68	18.83	18.66	18.62	20	0
5	QPSK	1	12	18.67	18.70	18.58	18.63		
5	QPSK	1	24	18.66	18.56	18.66	18.67		
5	QPSK	12	0	18.41	18.62	18.60	18.50	20	0
5	QPSK	12	7	18.48	18.48	18.48	18.52		
5	QPSK	12	13	18.43	18.46	18.46	18.53		
5	QPSK	25	0	18.27	18.56	18.27	18.30		
5	16QAM	1	0	18.44	18.44	18.61	18.36	20	0
5	16QAM	1	12	18.42	18.49	18.54	18.44		
5	16QAM	1	24	18.35	18.34	18.49	18.49		
5	16QAM	12	0	18.49	18.54	18.48	18.48	20	0
5	16QAM	12	7	18.61	18.57	18.56	18.56		
5	16QAM	12	13	18.53	18.58	18.54	18.52		
5	16QAM	25	0	18.53	18.65	18.64	18.53		
5	64QAM	1	0	18.57	18.51	18.65	18.46	20	0
5	64QAM	1	12	18.50	18.46	18.58	18.45		
5	64QAM	1	24	18.53	18.73	18.54	18.57		
5	64QAM	12	0	18.56	18.57	18.49	18.59	20	0
5	64QAM	12	7	18.53	18.62	18.48	18.52		
5	64QAM	12	13	18.56	18.71	18.64	18.44		
5	64QAM	25	0	18.48	18.53	18.65	18.51		
5	256QAM	1	0	16.89	17.02	16.79	16.91	18.5	1.5
5	256QAM	1	12	16.90	17.10	16.90	16.95		
5	256QAM	1	24	16.88	16.93	16.80	16.76		
5	256QAM	12	0	17.07	17.15	17.07	16.97	18.5	1.5
5	256QAM	12	7	16.97	17.11	16.94	17.03		
5	256QAM	12	13	16.98	17.15	17.00	16.86		
5	256QAM	25	0	17.15	17.19	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.95	16.17	16.04	17.5	0
20	QPSK	1	49	16.02	16.06	16.03		
20	QPSK	1	99	16.02	16.12	16.02		
20	QPSK	50	0	15.87	16.03	15.93	17.5	0
20	QPSK	50	24	15.91	15.98	15.84		
20	QPSK	50	50	15.88	15.94	15.92		
20	QPSK	100	0	15.78	15.98	15.67		
20	16QAM	1	0	15.82	15.85	15.94	17.5	0
20	16QAM	1	49	15.84	15.86	15.99		
20	16QAM	1	99	15.80	15.84	15.89		
20	16QAM	50	0	15.91	15.92	15.91	17.5	0
20	16QAM	50	24	16.00	15.98	16.10		
20	16QAM	50	50	16.08	15.97	16.05		
20	16QAM	100	0	15.83	16.00	15.95		
20	64QAM	1	0	15.90	15.96	15.95	17.5	0
20	64QAM	1	49	15.96	15.97	15.97		
20	64QAM	1	99	15.96	16.02	15.94		
20	64QAM	50	0	15.97	16.08	15.98	17.5	0
20	64QAM	50	24	15.89	15.91	15.96		
20	64QAM	50	50	15.82	16.00	16.15		
20	64QAM	100	0	15.95	15.94	16.08		
20	256QAM	1	0	15.99	16.10	15.88	17.5	0
20	256QAM	1	49	15.90	16.09	15.97		
20	256QAM	1	99	16.00	15.96	16.04		
20	256QAM	50	0	15.94	16.08	15.98	17.5	0
20	256QAM	50	24	15.90	16.00	15.99		
20	256QAM	50	50	15.96	15.94	15.97		
20	256QAM	100	0	16.00	16.01	16.03		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	15.88	16.06	16.03	17.5	0
15	QPSK	1	37	16.01	16.02	15.90		
15	QPSK	1	74	15.87	15.88	15.82		
15	QPSK	36	0	15.78	16.02	15.88	17.5	0
15	QPSK	36	20	15.89	15.76	15.76		
15	QPSK	36	39	15.73	15.78	15.81		
15	QPSK	75	0	15.65	15.74	15.71		
15	16QAM	1	0	15.77	15.87	15.93	17.5	0
15	16QAM	1	37	15.71	15.80	15.78		
15	16QAM	1	74	15.67	15.77	15.75		
15	16QAM	36	0	15.82	15.82	15.84	17.5	0
15	16QAM	36	20	15.93	15.88	15.95		
15	16QAM	36	39	15.88	15.91	15.97		
15	16QAM	75	0	15.77	16.04	15.90		
15	64QAM	1	0	15.77	15.77	15.87	17.5	0
15	64QAM	1	37	15.88	15.78	15.95		
15	64QAM	1	74	15.84	16.06	15.86		
15	64QAM	36	0	15.95	15.87	15.88	17.5	0
15	64QAM	36	20	15.84	15.87	15.85		
15	64QAM	36	39	15.74	15.90	15.98		
15	64QAM	75	0	15.83	15.83	15.93		
15	256QAM	1	0	15.90	15.95	15.78	17.5	0
15	256QAM	1	37	15.82	15.96	15.93		
15	256QAM	1	74	15.94	15.84	15.92		
15	256QAM	36	0	15.91	16.01	15.83	17.5	0
15	256QAM	36	20	15.74	15.90	15.92		
15	256QAM	36	39	15.81	15.90	15.89		
15	256QAM	75	0	15.76	15.90	15.96		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	15.88	16.10	15.95	17.5	0
10	QPSK	1	25	15.92	15.97	15.96		
10	QPSK	1	49	15.85	15.90	15.88		
10	QPSK	25	0	15.75	15.99	15.88	17.5	0
10	QPSK	25	12	15.89	15.90	15.78		
10	QPSK	25	25	15.84	15.79	15.71		
10	QPSK	50	0	15.63	15.75	15.68		
10	16QAM	1	0	15.69	15.88	15.87	17.5	0
10	16QAM	1	25	15.73	15.80	15.83		
10	16QAM	1	49	15.69	15.67	15.80		
10	16QAM	25	0	15.85	15.87	15.82	17.5	0
10	16QAM	25	12	15.88	15.76	15.87		
10	16QAM	25	25	15.91	15.87	15.95		
10	16QAM	50	0	15.72	15.90	15.94		
10	64QAM	1	0	15.89	15.84	15.90	17.5	0
10	64QAM	1	25	15.85	15.82	15.91		
10	64QAM	1	49	15.80	16.02	15.82		
10	64QAM	25	0	15.83	15.92	15.83	17.5	0
10	64QAM	25	12	15.83	15.82	15.84		
10	64QAM	25	25	15.86	15.99	15.92		
10	64QAM	50	0	15.82	15.90	15.92		
10	256QAM	1	0	15.89	16.02	15.88	17.5	0
10	256QAM	1	25	15.81	16.05	15.87		
10	256QAM	1	49	15.92	15.92	15.91		
10	256QAM	25	0	15.80	15.91	15.90	17.5	0
10	256QAM	25	12	15.80	15.93	15.84		
10	256QAM	25	25	15.79	15.81	15.99		
10	256QAM	50	0	15.74	15.84	15.93		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	15.89	16.07	16.04	17.5	0
5	QPSK	1	12	15.96	15.95	15.99		
5	QPSK	1	24	15.87	15.90	15.95		
5	QPSK	12	0	15.76	15.96	15.79	17.5	0
5	QPSK	12	7	15.79	15.85	15.78		
5	QPSK	12	13	15.80	15.77	15.73		
5	QPSK	25	0	15.64	15.82	15.70		
5	16QAM	1	0	15.72	15.80	15.80	17.5	0
5	16QAM	1	12	15.69	15.79	15.83		
5	16QAM	1	24	15.68	15.76	15.80		
5	16QAM	12	0	15.83	15.79	15.81	17.5	0
5	16QAM	12	7	15.90	15.76	15.90		
5	16QAM	12	13	15.94	15.79	15.87		
5	16QAM	25	0	15.83	15.96	15.92		
5	64QAM	1	0	15.78	15.86	15.88	17.5	0
5	64QAM	1	12	15.78	15.82	15.90		
5	64QAM	1	24	15.79	15.93	15.85		
5	64QAM	12	0	15.88	15.84	15.91	17.5	0
5	64QAM	12	7	15.79	15.91	15.78		
5	64QAM	12	13	15.75	16.00	15.95		
5	64QAM	25	0	15.95	15.96	15.90		
5	256QAM	1	0	15.89	15.96	15.83	17.5	0
5	256QAM	1	12	15.79	16.02	15.86		
5	256QAM	1	24	15.89	15.95	15.84		
5	256QAM	12	0	15.89	16.02	15.87	17.5	0
5	256QAM	12	7	15.68	15.87	15.96		
5	256QAM	12	13	15.79	15.87	15.89		
5	256QAM	25	0	15.81	15.82	15.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.69	14.82	14.70	14.74	16	0
20	QPSK	1	49	14.70	14.73	14.67	14.66		
20	QPSK	1	99	14.65	14.71	14.67	14.55		
20	QPSK	50	0	14.50	14.71	14.53	14.63	16	0
20	QPSK	50	24	14.58	14.48	14.48	14.48		
20	QPSK	50	50	14.53	14.61	14.52	14.51		
20	QPSK	100	0	14.39	14.55	14.35	14.38		
20	16QAM	1	0	14.47	14.52	14.54	14.54	16	0
20	16QAM	1	49	14.50	14.53	14.48	14.57		
20	16QAM	1	99	14.44	14.38	14.42	14.43		
20	16QAM	50	0	14.60	14.54	14.52	14.49	16	0
20	16QAM	50	24	14.58	14.58	14.66	14.58		
20	16QAM	50	50	14.55	14.55	14.68	14.63		
20	16QAM	100	0	14.56	14.72	14.68	14.65		
20	64QAM	1	0	14.55	14.49	14.69	14.64	16	0
20	64QAM	1	49	14.53	14.53	14.65	14.57		
20	64QAM	1	99	14.60	14.62	14.54	14.58		
20	64QAM	50	0	14.54	14.68	14.55	14.62	16	0
20	64QAM	50	24	14.55	14.66	14.54	14.58		
20	64QAM	50	50	14.47	14.70	14.66	14.74		
20	64QAM	100	0	14.53	14.65	14.64	14.69		
20	256QAM	1	0	14.58	14.75	14.59	14.56	16	0
20	256QAM	1	49	14.44	14.77	14.60	14.51		
20	256QAM	1	99	14.59	14.56	14.54	14.59		
20	256QAM	50	0	14.50	14.61	14.53	14.62	16	0
20	256QAM	50	24	14.49	14.67	14.58	14.61		
20	256QAM	50	50	14.48	14.63	14.58	14.62		
20	256QAM	100	0	14.58	14.62	14.67	14.64		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	14.58	14.65	14.61	14.52	16	0
15	QPSK	1	37	14.63	14.56	14.58	14.53		
15	QPSK	1	74	14.49	14.59	14.47	14.46		
15	QPSK	36	0	14.40	14.52	14.42	14.52	16	0
15	QPSK	36	20	14.36	14.41	14.42	14.42		
15	QPSK	36	39	14.47	14.45	14.40	14.45		
15	QPSK	75	0	14.21	14.43	14.24	14.28		
15	16QAM	1	0	14.35	14.42	14.37	14.42	16	0
15	16QAM	1	37	14.38	14.32	14.43	14.49		
15	16QAM	1	74	14.40	14.36	14.35	14.34		
15	16QAM	36	0	14.40	14.48	14.44	14.47	16	0
15	16QAM	36	20	14.51	14.51	14.48	14.58		
15	16QAM	36	39	14.52	14.43	14.51	14.58		
15	16QAM	75	0	14.42	14.51	14.34	14.57		
15	64QAM	1	0	14.52	14.38	14.39	14.51	16	0
15	64QAM	1	37	14.50	14.43	14.47	14.57		
15	64QAM	1	74	14.51	14.61	14.46	14.45		
15	64QAM	36	0	14.57	14.59	14.50	14.39	16	0
15	64QAM	36	20	14.45	14.56	14.45	14.41		
15	64QAM	36	39	14.33	14.63	14.35	14.53		
15	64QAM	75	0	14.54	14.50	14.50	14.60		
15	256QAM	1	0	14.43	14.60	14.45	14.45	16	0
15	256QAM	1	37	14.40	14.65	14.44	14.48		
15	256QAM	1	74	14.52	14.44	14.52	14.44		
15	256QAM	36	0	14.52	14.55	14.40	14.46	16	0
15	256QAM	36	20	14.40	14.56	14.43	14.53		
15	256QAM	36	39	14.48	14.42	14.48	14.58		
15	256QAM	75	0	14.44	14.44	14.50	14.45		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	14.57	14.63	14.51	14.58	16	0
10	QPSK	1	25	14.56	14.59	14.52	14.52		
10	QPSK	1	49	14.59	14.54	14.44	14.46		
10	QPSK	25	0	14.44	14.52	14.40	14.43	16	0
10	QPSK	25	12	14.46	14.41	14.38	14.33		
10	QPSK	25	25	14.36	14.50	14.30	14.41		
10	QPSK	50	0	14.33	14.40	14.23	14.24		
10	16QAM	1	0	14.31	14.37	14.52	14.54	16	0
10	16QAM	1	25	14.38	14.35	14.36	14.43		
10	16QAM	1	49	14.31	14.31	14.34	14.32		
10	16QAM	25	0	14.54	14.37	14.42	14.47	16	0
10	16QAM	25	12	14.55	14.37	14.53	14.50		
10	16QAM	25	25	14.54	14.37	14.46	14.45		
10	16QAM	50	0	14.37	14.58	14.50	14.45		
10	64QAM	1	0	14.44	14.39	14.56	14.45	16	0
10	64QAM	1	25	14.35	14.41	14.48	14.60		
10	64QAM	1	49	14.48	14.57	14.45	14.49		
10	64QAM	25	0	14.57	14.56	14.53	14.47	16	0
10	64QAM	25	12	14.36	14.50	14.47	14.43		
10	64QAM	25	25	14.43	14.63	14.55	14.58		
10	64QAM	50	0	14.51	14.53	14.53	14.53		
10	256QAM	1	0	14.44	14.58	14.49	14.44	16	0
10	256QAM	1	25	14.40	14.69	14.50	14.45		
10	256QAM	1	49	14.56	14.47	14.41	14.52		
10	256QAM	25	0	14.44	14.53	14.57	14.53	16	0
10	256QAM	25	12	14.31	14.55	14.42	14.43		
10	256QAM	25	25	14.40	14.45	14.45	14.54		
10	256QAM	50	0	14.41	14.58	14.53	14.42		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	14.55	14.62	14.58	14.50	16	0
5	QPSK	1	12	14.62	14.58	14.56	14.53		
5	QPSK	1	24	14.49	14.61	14.58	14.60		
5	QPSK	12	0	14.35	14.64	14.48	14.32	16	0
5	QPSK	12	7	14.36	14.44	14.40	14.38		
5	QPSK	12	13	14.46	14.44	14.35	14.47		
5	QPSK	25	0	14.21	14.49	14.27	14.26		
5	16QAM	1	0	14.41	14.42	14.49	14.29	16	0
5	16QAM	1	12	14.38	14.36	14.48	14.41		
5	16QAM	1	24	14.34	14.35	14.31	14.39		
5	16QAM	12	0	14.39	14.42	14.47	14.47	16	0
5	16QAM	12	7	14.50	14.51	14.49	14.44		
5	16QAM	12	13	14.43	14.43	14.46	14.54		
5	16QAM	25	0	14.35	14.51	14.45	14.41		
5	64QAM	1	0	14.49	14.41	14.50	14.38	16	0
5	64QAM	1	12	14.46	14.38	14.51	14.38		
5	64QAM	1	24	14.42	14.67	14.49	14.47		
5	64QAM	12	0	14.47	14.48	14.41	14.52	16	0
5	64QAM	12	7	14.43	14.51	14.38	14.43		
5	64QAM	12	13	14.46	14.54	14.55	14.37		
5	64QAM	25	0	14.54	14.54	14.61	14.44		
5	256QAM	1	0	14.38	14.65	14.51	14.38	16	0
5	256QAM	1	12	14.37	14.70	14.43	14.32		
5	256QAM	1	24	14.60	14.46	14.48	14.56		
5	256QAM	12	0	14.49	14.63	14.47	14.41	16	0
5	256QAM	12	7	14.31	14.50	14.57	14.33		
5	256QAM	12	13	14.39	14.54	14.49	14.50		
5	256QAM	25	0	14.48	14.45	14.43	14.47		

Full&Default Power Mode for Other PA

Band 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.20	25.24	25.21	25.7	0
10	QPSK	1	25	25.18	25.23	25.20		
10	QPSK	1	49	25.21	25.14	25.22		
10	QPSK	25	0	24.41	24.45	24.37	24.7	1
10	QPSK	25	12	24.29	24.35	24.24		
10	QPSK	25	25	24.31	24.35	24.27		
10	QPSK	50	0	24.18	24.25	24.12		
10	16QAM	1	0	24.17	24.29	24.30	24.7	1
10	16QAM	1	25	23.98	24.14	24.09		
10	16QAM	1	49	23.93	24.08	24.27		
10	16QAM	25	0	23.20	23.20	23.16	23.7	2
10	16QAM	25	12	23.00	23.14	23.05		
10	16QAM	25	25	23.02	23.17	23.14		
10	16QAM	50	0	23.22	23.35	23.30		
10	64QAM	1	0	23.06	23.17	23.01	23.7	2
10	64QAM	1	25	23.09	23.15	22.95		
10	64QAM	1	49	22.90	23.16	22.83		
10	64QAM	25	0	22.20	22.24	22.27	22.7	3
10	64QAM	25	12	22.15	22.28	22.14		
10	64QAM	25	25	22.13	22.22	22.23		
10	64QAM	50	0	22.24	22.29	22.29		
10	256QAM	1	0	20.08	20.26	20.04	20.7	5
10	256QAM	1	25	20.08	20.10	19.89		
10	256QAM	1	49	20.05	20.08	19.93		
10	256QAM	25	0	20.21	20.24	20.14	20.7	5
10	256QAM	25	12	20.09	20.10	20.13		
10	256QAM	25	25	20.00	20.23	20.02		
10	256QAM	50	0	20.22	20.28	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.08	25.16	25.19	25.7	0
5	QPSK	1	12	25.03	25.10	25.07		
5	QPSK	1	24	25.19	25.07	25.10		
5	QPSK	12	0	24.26	24.38	24.22	24.7	1
5	QPSK	12	7	24.16	24.23	24.15		
5	QPSK	12	13	24.23	24.22	24.21		
5	QPSK	25	0	24.06	24.11	24.06		
5	16QAM	1	0	24.00	24.11	24.19	24.7	1
5	16QAM	1	12	23.82	24.00	24.05		
5	16QAM	1	24	23.79	23.98	24.23		
5	16QAM	12	0	23.11	23.09	23.10	23.7	2
5	16QAM	12	7	22.85	23.02	22.98		
5	16QAM	12	13	22.85	23.10	23.01		
5	16QAM	25	0	23.11	23.22	23.19		
5	64QAM	1	0	22.99	23.07	22.86	23.7	2
5	64QAM	1	12	22.91	23.11	22.83		
5	64QAM	1	24	22.77	23.12	22.79		
5	64QAM	12	0	22.12	22.15	22.22	22.7	3
5	64QAM	12	7	22.13	22.15	22.03		
5	64QAM	12	13	21.99	22.04	22.08		
5	64QAM	25	0	22.14	22.14	22.24		
5	256QAM	1	0	20.04	20.10	19.99	20.7	5
5	256QAM	1	12	19.92	19.95	19.84		
5	256QAM	1	24	19.90	19.93	19.80		
5	256QAM	12	0	20.16	20.22	20.00	20.7	5
5	256QAM	12	7	19.93	20.00	20.02		
5	256QAM	12	13	19.85	20.15	19.99		
5	256QAM	25	0	20.14	20.16	20.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.02	25.09	25.13	25.7	0
3	QPSK	1	8	25.09	25.01	25.02		
3	QPSK	1	14	25.11	24.94	25.10		
3	QPSK	8	0	24.29	24.26	24.25	24.7	1
3	QPSK	8	4	24.16	24.23	24.14		
3	QPSK	8	7	24.10	24.28	24.14		
3	QPSK	15	0	23.98	24.09	23.96		
3	16QAM	1	0	24.06	24.08	24.09	24.7	1
3	16QAM	1	8	23.83	23.97	23.92		
3	16QAM	1	14	23.83	23.95	24.05		
3	16QAM	8	0	23.07	23.10	22.93	23.7	2
3	16QAM	8	4	22.79	22.97	22.91		
3	16QAM	8	7	22.87	23.04	22.96		
3	16QAM	15	0	22.99	23.27	23.23		
3	64QAM	1	0	22.95	22.99	22.91	23.7	2
3	64QAM	1	8	22.94	22.93	22.78		
3	64QAM	1	14	22.82	23.04	22.71		
3	64QAM	8	0	22.07	22.04	22.15	22.7	3
3	64QAM	8	4	21.93	22.18	22.04		
3	64QAM	8	7	21.91	22.13	22.01		
3	64QAM	15	0	22.12	22.18	22.22		
3	256QAM	1	0	19.87	20.18	19.95	20.7	5
3	256QAM	1	8	19.86	19.96	19.70		
3	256QAM	1	14	19.82	19.98	19.71		
3	256QAM	8	0	20.03	20.02	20.01	20.7	5
3	256QAM	8	4	19.96	19.90	19.97		
3	256QAM	8	7	19.87	20.11	19.82		
3	256QAM	15	0	20.09	20.10	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.98	25.04	25.09	25.7	0
1.4	QPSK	1	3	24.93	24.98	25.10		
1.4	QPSK	1	5	25.09	24.96	25.01		
1.4	QPSK	3	0	25.05	25.07	25.00		
1.4	QPSK	3	1	24.99	25.09	25.06		
1.4	QPSK	3	3	25.03	24.89	24.98		
1.4	QPSK	6	0	24.26	24.31	24.20	24.7	1
1.4	16QAM	1	0	24.18	24.18	24.01	24.7	1
1.4	16QAM	1	3	24.08	24.13	24.05		
1.4	16QAM	1	5	24.01	24.11	23.89		
1.4	16QAM	3	0	23.97	24.18	24.12		
1.4	16QAM	3	1	23.75	23.92	23.89		
1.4	16QAM	3	3	23.82	23.90	24.05		
1.4	16QAM	6	0	23.06	23.03	22.98	23.7	2
1.4	64QAM	1	0	22.85	22.90	22.92	23.7	2
1.4	64QAM	1	3	22.76	23.03	23.03		
1.4	64QAM	1	5	23.03	23.15	23.14		
1.4	64QAM	3	0	22.88	23.07	22.75		
1.4	64QAM	3	1	22.90	22.94	22.83		
1.4	64QAM	3	3	22.78	22.92	22.64		
1.4	64QAM	6	0	21.96	22.07	22.06	22.7	3
1.4	256QAM	1	0	19.97	20.04	19.79	20.7	5
1.4	256QAM	1	3	19.97	19.97	19.89		
1.4	256QAM	1	5	19.91	19.91	19.70		
1.4	256QAM	3	0	19.96	20.09	19.94		
1.4	256QAM	3	1	19.89	19.93	20.00		
1.4	256QAM	3	3	19.82	20.09	19.89		
1.4	256QAM	6	0	20.05	20.07	20.02	20.7	5

Band 5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.33	25.41	25.18	25.7	0
10	QPSK	1	25	25.33	25.39	25.28		
10	QPSK	1	49	25.32	25.22	25.22		
10	QPSK	25	0	24.44	24.58	24.45	24.7	1
10	QPSK	25	12	24.34	24.51	24.34		
10	QPSK	25	25	24.31	24.49	24.40		
10	QPSK	50	0	24.18	24.26	24.14		
10	16QAM	1	0	24.33	24.27	24.41	24.7	1
10	16QAM	1	25	24.00	24.22	24.03		
10	16QAM	1	49	24.00	24.18	24.31		
10	16QAM	25	0	23.20	23.22	23.24	23.7	2
10	16QAM	25	12	23.09	23.13	23.19		
10	16QAM	25	25	23.12	23.27	23.23		
10	16QAM	50	0	23.30	23.53	23.40		
10	64QAM	1	0	23.08	23.24	23.12	23.7	2
10	64QAM	1	25	23.02	23.22	23.06		
10	64QAM	1	49	22.98	23.34	22.93		
10	64QAM	25	0	22.14	22.36	22.38	22.7	3
10	64QAM	25	12	22.10	22.29	22.17		
10	64QAM	25	25	22.17	22.25	22.20		
10	64QAM	50	0	22.27	22.45	22.38		
10	256QAM	1	0	20.16	20.33	20.07	20.7	5
10	256QAM	1	25	20.10	20.19	19.88		
10	256QAM	1	49	20.06	20.09	20.02		
10	256QAM	25	0	20.26	20.27	20.24	20.7	5
10	256QAM	25	12	20.25	20.23	20.14		
10	256QAM	25	25	19.97	20.34	20.13		
10	256QAM	50	0	20.30	20.34	20.24		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.26	25.31	25.07	25.7	0
5	QPSK	1	12	25.30	25.32	25.22		
5	QPSK	1	24	25.28	25.12	25.13		
5	QPSK	12	0	24.40	24.40	24.33	24.7	1
5	QPSK	12	7	24.22	24.36	24.31		
5	QPSK	12	13	24.27	24.40	24.32		
5	QPSK	25	0	24.00	24.15	24.00		
5	16QAM	1	0	24.17	24.11	24.34	24.7	1
5	16QAM	1	12	23.91	24.10	23.88		
5	16QAM	1	24	23.84	24.10	24.17		
5	16QAM	12	0	23.14	23.15	23.18	23.7	2
5	16QAM	12	7	23.00	23.01	23.09		
5	16QAM	12	13	22.95	23.22	23.10		
5	16QAM	25	0	23.28	23.47	23.29		
5	64QAM	1	0	23.05	23.21	22.97	23.7	2
5	64QAM	1	12	22.95	23.16	22.90		
5	64QAM	1	24	22.95	23.22	22.85		
5	64QAM	12	0	22.11	22.22	22.34	22.7	3
5	64QAM	12	7	22.07	22.22	22.08		
5	64QAM	12	13	22.05	22.20	22.13		
5	64QAM	25	0	22.10	22.40	22.35		
5	256QAM	1	0	20.08	20.25	19.97	20.7	5
5	256QAM	1	12	19.99	20.07	19.79		
5	256QAM	1	24	19.89	20.05	19.90		
5	256QAM	12	0	20.10	20.25	20.17	20.7	5
5	256QAM	12	7	20.10	20.08	19.99		
5	256QAM	12	13	19.91	20.32	20.10		
5	256QAM	25	0	20.15	20.31	20.20		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.26	25.26	25.08	25.7	0
3	QPSK	1	8	25.21	25.25	25.17		
3	QPSK	1	14	25.17	25.06	25.11		
3	QPSK	8	0	24.25	24.49	24.39	24.7	1
3	QPSK	8	4	24.23	24.42	24.29		
3	QPSK	8	7	24.13	24.28	24.32		
3	QPSK	15	0	24.01	24.13	23.99		
3	16QAM	1	0	24.22	24.07	24.28	24.7	1
3	16QAM	1	8	23.84	24.02	23.86		
3	16QAM	1	14	23.92	24.00	24.25		
3	16QAM	8	0	23.14	23.13	23.04	23.7	2
3	16QAM	8	4	22.96	23.05	23.02		
3	16QAM	8	7	23.04	23.14	23.03		
3	16QAM	15	0	23.09	23.46	23.32		
3	64QAM	1	0	22.89	23.18	22.98	23.7	2
3	64QAM	1	8	22.84	23.08	22.95		
3	64QAM	1	14	22.93	23.20	22.87		
3	64QAM	8	0	22.05	22.17	22.19	22.7	3
3	64QAM	8	4	22.02	22.18	22.05		
3	64QAM	8	7	22.04	22.20	22.03		
3	64QAM	15	0	22.10	22.30	22.17		
3	256QAM	1	0	19.97	20.21	19.98	20.7	5
3	256QAM	1	8	19.97	20.09	19.79		
3	256QAM	1	14	19.90	20.00	19.94		
3	256QAM	8	0	20.10	20.15	20.19	20.7	5
3	256QAM	8	4	20.09	20.16	19.95		
3	256QAM	8	7	19.88	20.14	20.08		
3	256QAM	15	0	20.11	20.28	20.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.19	25.25	25.09	25.7	0
1.4	QPSK	1	3	25.17	25.19	25.22		
1.4	QPSK	1	5	25.18	25.03	25.15		
1.4	QPSK	3	0	25.25	25.32	25.01		
1.4	QPSK	3	1	25.24	25.27	25.09		
1.4	QPSK	3	3	25.22	25.12	25.02		
1.4	QPSK	6	0	24.33	24.51	24.34	24.7	1
1.4	16QAM	1	0	24.26	24.34	24.20	24.7	1
1.4	16QAM	1	3	24.19	24.34	24.28		
1.4	16QAM	1	5	24.10	24.11	24.00		
1.4	16QAM	3	0	24.28	24.12	24.29		
1.4	16QAM	3	1	23.83	24.15	23.86		
1.4	16QAM	3	3	23.85	24.10	24.18		
1.4	16QAM	6	0	23.15	23.15	23.06	23.7	2
1.4	64QAM	1	0	22.96	22.98	23.14	23.7	2
1.4	64QAM	1	3	23.06	23.19	23.13		
1.4	64QAM	1	5	23.16	23.35	23.29		
1.4	64QAM	3	0	23.01	23.18	23.05		
1.4	64QAM	3	1	22.84	23.07	22.92		
1.4	64QAM	3	3	22.87	23.26	22.84		
1.4	64QAM	6	0	21.91	22.10	22.06	22.7	3
1.4	256QAM	1	0	20.04	20.13	19.88	20.7	5
1.4	256QAM	1	3	20.01	20.13	19.69		
1.4	256QAM	1	5	19.91	20.04	19.97		
1.4	256QAM	3	0	20.20	20.08	20.12		
1.4	256QAM	3	1	20.16	20.06	19.98		
1.4	256QAM	3	3	19.78	20.15	20.01		
1.4	256QAM	6	0	20.09	20.16	20.06	20.7	5

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.25	24.33	24.31	25.5	0
20	QPSK	1	49	24.21	24.25	24.19		
20	QPSK	1	99	24.11	24.24	24.19		
20	QPSK	50	0	23.27	23.33	23.24	24.5	1
20	QPSK	50	24	23.22	23.20	23.26		
20	QPSK	50	50	23.28	23.24	23.30		
20	QPSK	100	0	23.32	23.34	23.21		
20	16QAM	1	0	22.88	22.95	22.85	24.5	1
20	16QAM	1	49	22.89	22.88	22.90		
20	16QAM	1	99	22.86	22.92	22.86		
20	16QAM	50	0	22.28	22.39	22.35	23.5	2
20	16QAM	50	24	22.29	22.32	22.32		
20	16QAM	50	50	22.32	22.36	22.26		
20	16QAM	100	0	22.34	22.42	22.33		
20	64QAM	1	0	22.05	22.14	22.07	23.5	2
20	64QAM	1	49	22.03	22.01	22.05		
20	64QAM	1	99	22.09	22.04	22.05		
20	64QAM	50	0	21.40	21.47	21.38	22.5	3
20	64QAM	50	24	21.39	21.42	21.39		
20	64QAM	50	50	21.36	21.39	21.41		
20	64QAM	100	0	21.31	21.45	21.36		
20	256QAM	1	0	19.26	19.37	19.33	20.5	5
20	256QAM	1	49	19.27	19.31	19.25		
20	256QAM	1	99	19.27	19.30	19.31		
20	256QAM	50	0	19.28	19.40	19.37	20.5	5
20	256QAM	50	24	19.29	19.38	19.33		
20	256QAM	50	50	19.37	19.30	19.33		
20	256QAM	100	0	19.30	19.37	19.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.20	24.25	24.21	25.5	0
15	QPSK	1	37	24.11	24.16	24.06		
15	QPSK	1	74	24.00	24.08	24.10		
15	QPSK	36	0	23.17	23.28	23.13	24.5	1
15	QPSK	36	20	23.17	23.09	23.14		
15	QPSK	36	39	23.15	23.13	23.20		
15	QPSK	75	0	23.26	23.22	23.06		
15	16QAM	1	0	22.76	22.85	22.72	24.5	1
15	16QAM	1	37	22.83	22.75	22.83		
15	16QAM	1	74	22.76	22.78	22.79		
15	16QAM	36	0	22.18	22.26	22.20	23.5	2
15	16QAM	36	20	22.20	22.25	22.23		
15	16QAM	36	39	22.19	22.29	22.21		
15	16QAM	75	0	22.19	22.31	22.24		
15	64QAM	1	0	21.96	22.07	22.02	23.5	2
15	64QAM	1	37	21.92	21.87	21.91		
15	64QAM	1	74	22.05	21.98	21.95		
15	64QAM	36	0	21.25	21.41	21.26	22.5	3
15	64QAM	36	20	21.30	21.35	21.25		
15	64QAM	36	39	21.27	21.27	21.27		
15	64QAM	75	0	21.22	21.37	21.22		
15	256QAM	1	0	19.13	19.26	19.24	20.5	5
15	256QAM	1	37	19.22	19.15	19.15		
15	256QAM	1	74	19.23	19.26	19.21		
15	256QAM	36	0	19.16	19.35	19.21	20.5	5
15	256QAM	36	20	19.16	19.30	19.22		
15	256QAM	36	39	19.21	19.17	19.28		
15	256QAM	75	0	19.14	19.23	19.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.16	24.21	24.21	25.5	0
10	QPSK	1	25	24.07	24.15	24.14		
10	QPSK	1	49	24.00	24.09	24.11		
10	QPSK	25	0	23.13	23.29	23.14	24.5	1
10	QPSK	25	12	23.11	23.05	23.17		
10	QPSK	25	25	23.14	23.12	23.15		
10	QPSK	50	0	23.26	23.24	23.15		
10	16QAM	1	0	22.78	22.90	22.71	24.5	1
10	16QAM	1	25	22.81	22.84	22.76		
10	16QAM	1	49	22.78	22.87	22.77		
10	16QAM	25	0	22.18	22.34	22.25	23.5	2
10	16QAM	25	12	22.19	22.25	22.27		
10	16QAM	25	25	22.19	22.28	22.16		
10	16QAM	50	0	22.28	22.30	22.23		
10	64QAM	1	0	21.98	22.05	22.02	23.5	2
10	64QAM	1	25	21.90	21.89	21.96		
10	64QAM	1	49	22.01	21.90	21.90		
10	64QAM	25	0	21.28	21.34	21.31	22.5	3
10	64QAM	25	12	21.35	21.27	21.27		
10	64QAM	25	25	21.23	21.25	21.29		
10	64QAM	50	0	21.22	21.41	21.21		
10	256QAM	1	0	19.19	19.23	19.23	20.5	5
10	256QAM	1	25	19.19	19.19	19.20		
10	256QAM	1	49	19.16	19.21	19.26		
10	256QAM	25	0	19.17	19.32	19.24	20.5	5
10	256QAM	25	12	19.23	19.24	19.28		
10	256QAM	25	25	19.33	19.22	19.21		
10	256QAM	50	0	19.24	19.26	19.15		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.11	24.28	24.23	25.5	0
5	QPSK	1	12	24.15	24.12	24.05		
5	QPSK	1	24	24.04	24.14	24.12		
5	QPSK	12	0	23.22	23.19	23.16	24.5	1
5	QPSK	12	7	23.17	23.09	23.17		
5	QPSK	12	13	23.18	23.13	23.17		
5	QPSK	25	0	23.18	23.19	23.06		
5	16QAM	1	0	22.80	22.83	22.80	24.5	1
5	16QAM	1	12	22.76	22.80	22.78		
5	16QAM	1	24	22.81	22.78	22.79		
5	16QAM	12	0	22.21	22.30	22.30	23.5	2
5	16QAM	12	7	22.19	22.22	22.16		
5	16QAM	12	13	22.23	22.31	22.20		
5	16QAM	25	0	22.20	22.30	22.25		
5	64QAM	1	0	21.91	22.01	22.02	23.5	2
5	64QAM	1	12	21.88	21.91	21.99		
5	64QAM	1	24	22.03	21.88	21.90		
5	64QAM	12	0	21.33	21.42	21.27	22.5	3
5	64QAM	12	7	21.24	21.28	21.29		
5	64QAM	12	13	21.30	21.30	21.26		
5	64QAM	25	0	21.15	21.36	21.22		
5	256QAM	1	0	19.17	19.27	19.27	20.5	5
5	256QAM	1	12	19.15	19.19	19.15		
5	256QAM	1	24	19.15	19.19	19.19		
5	256QAM	12	0	19.21	19.24	19.25	20.5	5
5	256QAM	12	7	19.22	19.23	19.18		
5	256QAM	12	13	19.24	19.19	19.23		
5	256QAM	25	0	19.18	19.23	19.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.16	24.22	24.19	25.5	0
3	QPSK	1	8	24.12	24.14	24.10		
3	QPSK	1	14	23.99	24.11	24.08		
3	QPSK	8	0	23.13	23.27	23.10	24.5	1
3	QPSK	8	4	23.16	23.05	23.14		
3	QPSK	8	7	23.19	23.12	23.25		
3	QPSK	15	0	23.21	23.27	23.12		
3	16QAM	1	0	22.75	22.80	22.71	24.5	1
3	16QAM	1	8	22.80	22.73	22.76		
3	16QAM	1	14	22.77	22.83	22.72		
3	16QAM	8	0	22.23	22.33	22.21	23.5	2
3	16QAM	8	4	22.24	22.20	22.27		
3	16QAM	8	7	22.20	22.28	22.14		
3	16QAM	15	0	22.18	22.35	22.17		
3	64QAM	1	0	21.90	22.07	21.98	23.5	2
3	64QAM	1	8	21.89	21.88	21.97		
3	64QAM	1	14	22.04	21.97	21.97		
3	64QAM	8	0	21.34	21.35	21.23	22.5	3
3	64QAM	8	4	21.23	21.36	21.30		
3	64QAM	8	7	21.32	21.30	21.26		
3	64QAM	15	0	21.19	21.35	21.30		
3	256QAM	1	0	19.13	19.22	19.18	20.5	5
3	256QAM	1	8	19.22	19.26	19.18		
3	256QAM	1	14	19.18	19.17	19.21		
3	256QAM	8	0	19.13	19.27	19.33	20.5	5
3	256QAM	8	4	19.18	19.32	19.29		
3	256QAM	8	7	19.28	19.22	19.23		
3	256QAM	15	0	19.22	19.23	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.16	24.24	24.19	25.5	0
1.4	QPSK	1	3	24.09	24.16	24.05		
1.4	QPSK	1	5	24.06	24.10	24.15		
1.4	QPSK	3	0	24.19	24.28	24.16		
1.4	QPSK	3	1	24.07	24.21	24.14		
1.4	QPSK	3	3	24.01	24.17	24.08		
1.4	QPSK	6	0	23.22	23.28	23.09	24.5	1
1.4	16QAM	1	0	22.75	22.90	22.70	24.5	1
1.4	16QAM	1	3	22.79	22.77	22.82		
1.4	16QAM	1	5	22.79	22.80	22.75		
1.4	16QAM	3	0	22.80	22.80	22.73		
1.4	16QAM	3	1	22.81	22.81	22.77		
1.4	16QAM	3	3	22.71	22.78	22.79		
1.4	16QAM	6	0	22.24	22.36	22.19	23.5	2
1.4	64QAM	1	0	21.96	22.08	21.99	23.5	2
1.4	64QAM	1	3	21.92	21.91	21.98		
1.4	64QAM	1	5	22.02	21.89	21.92		
1.4	64QAM	3	0	21.95	22.01	22.02		
1.4	64QAM	3	1	21.88	21.93	21.97		
1.4	64QAM	3	3	22.03	21.88	21.92		
1.4	64QAM	6	0	21.22	21.39	21.29	22.5	3
1.4	256QAM	1	0	19.14	19.23	19.20	20.5	5
1.4	256QAM	1	3	19.22	19.22	19.18		
1.4	256QAM	1	5	19.22	19.15	19.16		
1.4	256QAM	3	0	19.24	19.30	19.28		
1.4	256QAM	3	1	19.16	19.29	19.18		
1.4	256QAM	3	3	19.21	19.18	19.26		
1.4	256QAM	6	0	19.25	19.27	19.08	20.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.77	24.83	24.64	25.7	0
20	QPSK	1	49	24.66	24.72	24.50		
20	QPSK	1	99	24.68	24.72	24.57		
20	QPSK	50	0	23.75	23.84	23.71	24.7	1
20	QPSK	50	24	23.74	23.77	23.71		
20	QPSK	50	50	23.71	23.76	23.80		
20	QPSK	100	0	23.82	23.92	23.86		
20	16QAM	1	0	23.93	23.99	23.96	24.7	1
20	16QAM	1	49	23.96	23.86	23.89		
20	16QAM	1	99	23.90	23.97	23.94		
20	16QAM	50	0	22.79	22.90	22.85	23.7	2
20	16QAM	50	24	22.78	22.85	22.80		
20	16QAM	50	50	22.84	22.80	22.77		
20	16QAM	100	0	22.88	22.91	22.83		
20	64QAM	1	0	22.63	22.68	22.59	23.7	2
20	64QAM	1	49	22.59	22.55	22.55		
20	64QAM	1	99	22.58	22.55	22.64		
20	64QAM	50	0	21.81	21.47	21.78	22.7	3
20	64QAM	50	24	21.82	21.80	21.83		
20	64QAM	50	50	21.81	21.81	21.83		
20	64QAM	100	0	21.84	21.45	21.87		
20	256QAM	1	0	19.81	19.37	19.81	20.7	5
20	256QAM	1	49	19.78	19.80	19.76		
20	256QAM	1	99	19.85	19.85	19.82		
20	256QAM	50	0	19.83	19.40	19.81	20.7	5
20	256QAM	50	24	19.83	19.88	19.87		
20	256QAM	50	50	19.84	19.87	19.85		
20	256QAM	100	0	19.85	19.37	19.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.72	24.75	24.54	25.7	0
15	QPSK	1	37	24.53	24.64	24.44		
15	QPSK	1	74	24.54	24.61	24.52		
15	QPSK	36	0	23.59	23.70	23.67	24.7	1
15	QPSK	36	20	23.66	23.69	23.56		
15	QPSK	36	39	23.63	23.65	23.66		
15	QPSK	75	0	23.75	23.80	23.77		
15	16QAM	1	0	23.83	23.84	23.81	24.7	1
15	16QAM	1	37	23.92	23.71	23.81		
15	16QAM	1	74	23.77	23.84	23.78		
15	16QAM	36	0	22.65	22.82	22.78	23.7	2
15	16QAM	36	20	22.71	22.69	22.68		
15	16QAM	36	39	22.80	22.72	22.66		
15	16QAM	75	0	22.76	22.78	22.73		
15	64QAM	1	0	22.57	22.53	22.54	23.7	2
15	64QAM	1	37	22.45	22.44	22.50		
15	64QAM	1	74	22.46	22.50	22.50		
15	64QAM	36	0	21.68	21.40	21.63	22.7	3
15	64QAM	36	20	21.67	21.73	21.79		
15	64QAM	36	39	21.69	21.67	21.68		
15	64QAM	75	0	21.78	21.38	21.82		
15	256QAM	1	0	19.69	19.32	19.75	20.7	5
15	256QAM	1	37	19.69	19.68	19.68		
15	256QAM	1	74	19.80	19.79	19.76		
15	256QAM	36	0	19.68	19.34	19.68	20.7	5
15	256QAM	36	20	19.72	19.78	19.79		
15	256QAM	36	39	19.70	19.73	19.80		
15	256QAM	75	0	19.75	19.28	19.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.66	24.70	24.50	25.7	0
10	QPSK	1	25	24.57	24.63	24.35		
10	QPSK	1	49	24.57	24.64	24.42		
10	QPSK	25	0	23.63	23.68	23.59	24.7	1
10	QPSK	25	12	23.67	23.68	23.64		
10	QPSK	25	25	23.66	23.68	23.76		
10	QPSK	50	0	23.77	23.84	23.81		
10	16QAM	1	0	23.78	23.93	23.91	24.7	1
10	16QAM	1	25	23.84	23.76	23.81		
10	16QAM	1	49	23.83	23.89	23.82		
10	16QAM	25	0	22.65	22.80	22.78	23.7	2
10	16QAM	25	12	22.71	22.71	22.64		
10	16QAM	25	25	22.76	22.64	22.67		
10	16QAM	50	0	22.79	22.78	22.71		
10	64QAM	1	0	22.54	22.56	22.54	23.7	2
10	64QAM	1	25	22.54	22.42	22.40		
10	64QAM	1	49	22.45	22.49	22.55		
10	64QAM	25	0	21.76	21.41	21.74	22.7	3
10	64QAM	25	12	21.74	21.70	21.71		
10	64QAM	25	25	21.73	21.75	21.71		
10	64QAM	50	0	21.71	21.38	21.78		
10	256QAM	1	0	19.73	19.32	19.66	20.7	5
10	256QAM	1	25	19.65	19.66	19.64		
10	256QAM	1	49	19.79	19.78	19.73		
10	256QAM	25	0	19.71	19.30	19.72	20.7	5
10	256QAM	25	12	19.78	19.72	19.72		
10	256QAM	25	25	19.78	19.76	19.71		
10	256QAM	50	0	19.72	19.85	19.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.70	24.77	24.51	25.7	0
5	QPSK	1	12	24.58	24.61	24.35		
5	QPSK	1	24	24.55	24.67	24.49		
5	QPSK	12	0	23.69	23.70	23.56	24.7	1
5	QPSK	12	7	23.67	23.68	23.61		
5	QPSK	12	13	23.65	23.63	23.70		
5	QPSK	25	0	23.74	23.77	23.74		
5	16QAM	1	0	23.84	23.84	23.89	24.7	1
5	16QAM	1	12	23.86	23.77	23.74		
5	16QAM	1	24	23.79	23.82	23.80		
5	16QAM	12	0	22.72	22.74	22.75	23.7	2
5	16QAM	12	7	22.70	22.69	22.70		
5	16QAM	12	13	22.76	22.69	22.62		
5	16QAM	25	0	22.77	22.87	22.72		
5	64QAM	1	0	22.48	22.63	22.48	23.7	2
5	64QAM	1	12	22.50	22.42	22.43		
5	64QAM	1	24	22.46	22.41	22.54		
5	64QAM	12	0	21.71	21.38	21.66	22.7	3
5	64QAM	12	7	21.70	21.65	21.76		
5	64QAM	12	13	21.70	21.66	21.70		
5	64QAM	25	0	21.72	21.32	21.74		
5	256QAM	1	0	19.70	19.28	19.75	20.7	5
5	256QAM	1	12	19.64	19.74	19.60		
5	256QAM	1	24	19.76	19.75	19.66		
5	256QAM	12	0	19.71	19.31	19.65	20.7	5
5	256QAM	12	7	19.75	19.76	19.78		
5	256QAM	12	13	19.74	19.72	19.77		
5	256QAM	25	0	19.72	19.32	19.73		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.67	24.73	24.56	25.7	0
3	QPSK	1	8	24.59	24.65	24.37		
3	QPSK	1	14	24.56	24.63	24.42		
3	QPSK	8	0	23.71	23.76	23.65	24.7	1
3	QPSK	8	4	23.69	23.66	23.58		
3	QPSK	8	7	23.58	23.66	23.69		
3	QPSK	15	0	23.66	23.79	23.75		
3	16QAM	1	0	23.79	23.88	23.87	24.7	1
3	16QAM	1	8	23.86	23.79	23.73		
3	16QAM	1	14	23.80	23.86	23.86		
3	16QAM	8	0	22.73	22.83	22.75	23.7	2
3	16QAM	8	4	22.63	22.72	22.75		
3	16QAM	8	7	22.77	22.67	22.62		
3	16QAM	15	0	22.83	22.83	22.71		
3	64QAM	1	0	22.50	22.64	22.51	23.7	2
3	64QAM	1	8	22.55	22.39	22.48		
3	64QAM	1	14	22.48	22.46	22.50		
3	64QAM	8	0	21.72	21.42	21.72	22.7	3
3	64QAM	8	4	21.71	21.67	21.75		
3	64QAM	8	7	21.72	21.66	21.68		
3	64QAM	15	0	21.68	21.30	21.74		
3	256QAM	1	0	19.75	19.29	19.73	20.7	5
3	256QAM	1	8	19.65	19.68	19.71		
3	256QAM	1	14	19.74	19.70	19.71		
3	256QAM	8	0	19.71	19.71	19.69	20.7	5
3	256QAM	8	4	19.76	19.73	19.82		
3	256QAM	8	7	19.79	19.71	19.78		
3	256QAM	15	0	19.79	19.32	19.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.71	24.74	24.59	25.7	0
1.4	QPSK	1	3	24.61	24.68	24.35		
1.4	QPSK	1	5	24.57	24.65	24.43		
1.4	QPSK	3	0	24.65	24.75	24.58		
1.4	QPSK	3	1	24.60	24.68	24.39		
1.4	QPSK	3	3	24.58	24.68	24.52		
1.4	QPSK	6	0	23.78	23.82	23.71	24.7	1
1.4	16QAM	1	0	23.88	23.91	23.81	24.7	1
1.4	16QAM	1	3	23.88	23.74	23.83		
1.4	16QAM	1	5	23.82	23.90	23.89		
1.4	16QAM	3	0	23.84	23.86	23.80		
1.4	16QAM	3	1	23.89	23.81	23.79		
1.4	16QAM	3	3	23.80	23.89	23.79		
1.4	16QAM	6	0	22.79	22.81	22.68	23.7	2
1.4	64QAM	1	0	22.51	22.57	22.49	23.7	2
1.4	64QAM	1	3	22.44	22.39	22.46		
1.4	64QAM	1	5	22.48	22.42	22.59		
1.4	64QAM	3	0	22.74	22.81	22.72		
1.4	64QAM	3	1	22.58	22.61	22.44		
1.4	64QAM	3	3	22.50	22.48	22.48		
1.4	64QAM	6	0	21.75	21.41	21.75	22.7	3
1.4	256QAM	1	0	19.75	19.76	19.72	20.7	5
1.4	256QAM	1	3	19.68	19.73	19.66		
1.4	256QAM	1	5	19.80	19.73	19.76		
1.4	256QAM	3	0	19.67	19.66	19.71		
1.4	256QAM	3	1	19.79	19.84	19.82		
1.4	256QAM	3	3	19.79	19.78	19.70		
1.4	256QAM	6	0	19.71	19.33	19.74	20.7	5

Band 66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.85	24.90	24.76	25.7	0
20	QPSK	1	49	24.74	24.81	24.66		
20	QPSK	1	99	24.72	24.85	24.64		
20	QPSK	50	0	23.78	23.89	23.76	24.7	1
20	QPSK	50	24	23.78	23.78	23.81		
20	QPSK	50	50	23.83	23.79	23.85		
20	QPSK	100	0	23.85	23.89	23.83		
20	16QAM	1	0	23.77	23.87	23.84	24.7	1
20	16QAM	1	49	23.84	23.75	23.84		
20	16QAM	1	99	23.83	23.80	23.81		
20	16QAM	50	0	22.78	22.90	22.84	23.7	2
20	16QAM	50	24	22.81	22.79	22.87		
20	16QAM	50	50	22.86	22.83	22.87		
20	16QAM	100	0	22.80	22.90	22.83		
20	64QAM	1	0	22.64	22.76	22.74	23.7	2
20	64QAM	1	49	22.64	22.72	22.68		
20	64QAM	1	99	22.63	22.73	22.63		
20	64QAM	50	0	21.90	21.47	21.86	22.7	3
20	64QAM	50	24	21.91	21.84	21.90		
20	64QAM	50	50	21.90	21.89	21.83		
20	64QAM	100	0	21.86	21.45	21.86		
20	256QAM	1	0	19.76	19.37	19.75	20.7	5
20	256QAM	1	49	19.69	19.64	19.72		
20	256QAM	1	99	19.65	19.73	19.70		
20	256QAM	50	0	19.90	19.40	19.84	20.7	5
20	256QAM	50	24	19.85	19.86	19.82		
20	256QAM	50	50	19.88	19.85	19.82		
20	256QAM	100	0	19.76	19.37	19.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.78	24.77	24.70	25.7	0
15	QPSK	1	37	24.69	24.66	24.59		
15	QPSK	1	74	24.63	24.80	24.53		
15	QPSK	36	0	23.64	23.74	23.66	24.7	1
15	QPSK	36	20	23.72	23.71	23.73		
15	QPSK	36	39	23.74	23.69	23.76		
15	QPSK	75	0	23.69	23.79	23.68		
15	16QAM	1	0	23.64	23.82	23.79	24.7	1
15	16QAM	1	37	23.69	23.60	23.73		
15	16QAM	1	74	23.78	23.69	23.73		
15	16QAM	36	0	22.65	22.75	22.79	23.7	2
15	16QAM	36	20	22.74	22.69	22.82		
15	16QAM	36	39	22.80	22.71	22.73		
15	16QAM	75	0	22.73	22.75	22.69		
15	64QAM	1	0	22.53	22.63	22.62	23.7	2
15	64QAM	1	37	22.48	22.58	22.56		
15	64QAM	1	74	22.58	22.61	22.48		
15	64QAM	36	0	21.78	21.41	21.72	22.7	3
15	64QAM	36	20	21.86	21.73	21.84		
15	64QAM	36	39	21.76	21.75	21.71		
15	64QAM	75	0	21.76	21.30	21.77		
15	256QAM	1	0	19.67	19.32	19.63	20.7	5
15	256QAM	1	37	19.60	19.51	19.68		
15	256QAM	1	74	19.54	19.59	19.65		
15	256QAM	36	0	19.83	19.85	19.77	20.7	5
15	256QAM	36	20	19.77	19.81	19.68		
15	256QAM	36	39	19.79	19.77	19.73		
15	256QAM	75	0	19.72	19.29	19.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.78	24.86	24.64	25.7	0
10	QPSK	1	25	24.70	24.73	24.53		
10	QPSK	1	49	24.67	24.74	24.57		
10	QPSK	25	0	23.74	23.73	23.64	24.7	1
10	QPSK	25	12	23.64	23.65	23.73		
10	QPSK	25	25	23.75	23.71	23.74		
10	QPSK	50	0	23.78	23.81	23.79		
10	16QAM	1	0	23.73	23.72	23.68	24.7	1
10	16QAM	1	25	23.76	23.64	23.73		
10	16QAM	1	49	23.70	23.75	23.70		
10	16QAM	25	0	22.67	22.83	22.80	23.7	2
10	16QAM	25	12	22.72	22.65	22.75		
10	16QAM	25	25	22.73	22.79	22.76		
10	16QAM	50	0	22.68	22.79	22.73		
10	64QAM	1	0	22.55	22.72	22.68	23.7	2
10	64QAM	1	25	22.49	22.60	22.52		
10	64QAM	1	49	22.54	22.59	22.49		
10	64QAM	25	0	21.84	21.37	21.81	22.7	3
10	64QAM	25	12	21.85	21.70	21.74		
10	64QAM	25	25	21.77	21.78	21.72		
10	64QAM	50	0	21.79	21.29	21.79		
10	256QAM	1	0	19.64	19.33	19.62	20.7	5
10	256QAM	1	25	19.64	19.51	19.64		
10	256QAM	1	49	19.53	19.63	19.56		
10	256QAM	25	0	19.86	19.71	19.77	20.7	5
10	256QAM	25	12	19.75	19.80	19.76		
10	256QAM	25	25	19.78	19.79	19.70		
10	256QAM	50	0	19.61	19.29	19.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.64	24.78	24.54	25.7	0
5	QPSK	1	12	24.55	24.58	24.46		
5	QPSK	1	24	24.61	24.59	24.47		
5	QPSK	12	0	23.66	23.64	23.50	24.7	1
5	QPSK	12	7	23.54	23.56	23.66		
5	QPSK	12	13	23.59	23.59	23.59		
5	QPSK	25	0	23.62	23.66	23.65		
5	16QAM	1	0	23.58	23.66	23.56	24.7	1
5	16QAM	1	12	23.71	23.49	23.67		
5	16QAM	1	24	23.60	23.69	23.59		
5	16QAM	12	0	22.57	22.77	22.74	23.7	2
5	16QAM	12	7	22.64	22.52	22.63		
5	16QAM	12	13	22.65	22.68	22.69		
5	16QAM	25	0	22.57	22.67	22.59		
5	64QAM	1	0	22.41	22.65	22.59	23.7	2
5	64QAM	1	12	22.33	22.50	22.45		
5	64QAM	1	24	22.41	22.53	22.38		
5	64QAM	12	0	21.74	21.32	21.73	22.7	3
5	64QAM	12	7	21.73	21.62	21.67		
5	64QAM	12	13	21.72	21.63	21.68		
5	64QAM	25	0	21.73	21.66	21.65		
5	256QAM	1	0	19.58	19.26	19.50	20.7	5
5	256QAM	1	12	19.49	19.43	19.59		
5	256QAM	1	24	19.48	19.57	19.50		
5	256QAM	12	0	19.82	19.58	19.70	20.7	5
5	256QAM	12	7	19.63	19.73	19.66		
5	256QAM	12	13	19.64	19.65	19.60		
5	256QAM	25	0	19.50	19.18	19.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.57	24.64	24.44	25.7	0
3	QPSK	1	8	24.46	24.50	24.40		
3	QPSK	1	14	24.55	24.45	24.37		
3	QPSK	8	0	23.53	23.54	23.43	24.7	1
3	QPSK	8	4	23.43	23.44	23.54		
3	QPSK	8	7	23.48	23.45	23.44		
3	QPSK	15	0	23.52	23.57	23.51		
3	16QAM	1	0	23.42	23.55	23.43	24.7	1
3	16QAM	1	8	23.65	23.35	23.57		
3	16QAM	1	14	23.48	23.57	23.48		
3	16QAM	8	0	22.50	22.65	22.64	23.7	2
3	16QAM	8	4	22.56	22.38	22.55		
3	16QAM	8	7	22.55	22.57	22.63		
3	16QAM	15	0	22.52	22.59	22.45		
3	64QAM	1	0	22.33	22.59	22.52	23.7	2
3	64QAM	1	8	22.20	22.43	22.34		
3	64QAM	1	14	22.29	22.44	22.32		
3	64QAM	8	0	21.64	21.26	21.63	22.7	3
3	64QAM	8	4	21.60	21.52	21.56		
3	64QAM	8	7	21.67	21.49	21.57		
3	64QAM	15	0	21.62	21.52	21.61		
3	256QAM	1	0	19.53	19.21	19.42	20.7	5
3	256QAM	1	8	19.43	19.38	19.53		
3	256QAM	1	14	19.33	19.46	19.36		
3	256QAM	8	0	19.67	19.54	19.63	20.7	5
3	256QAM	8	4	19.52	19.63	19.51		
3	256QAM	8	7	19.58	19.52	19.50		
3	256QAM	15	0	19.38	19.02	19.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.55	24.73	24.43	25.7	0
1.4	QPSK	1	3	24.45	24.43	24.36		
1.4	QPSK	1	5	24.46	24.48	24.43		
1.4	QPSK	3	0	24.54	24.71	24.46		
1.4	QPSK	3	1	24.42	24.46	24.38		
1.4	QPSK	3	3	24.52	24.48	24.33		
1.4	QPSK	6	0	23.52	23.61	23.54	24.7	1
1.4	16QAM	1	0	23.49	23.54	23.48	24.7	1
1.4	16QAM	1	3	23.60	23.45	23.63		
1.4	16QAM	1	5	23.55	23.59	23.50		
1.4	16QAM	3	0	23.49	23.55	23.50		
1.4	16QAM	3	1	23.56	23.43	23.62		
1.4	16QAM	3	3	23.48	23.54	23.50		
1.4	16QAM	6	0	22.50	22.56	22.54	23.7	2
1.4	64QAM	1	0	22.25	22.50	22.46	23.7	2
1.4	64QAM	1	3	22.28	22.37	22.36		
1.4	64QAM	1	5	22.31	22.44	22.27		
1.4	64QAM	3	0	22.30	22.61	22.51		
1.4	64QAM	3	1	22.19	22.36	22.33		
1.4	64QAM	3	3	22.30	22.48	22.30		
1.4	64QAM	6	0	21.65	21.60	21.59	22.7	3
1.4	256QAM	1	0	19.50	19.20	19.37	20.7	5
1.4	256QAM	1	3	19.43	19.33	19.47		
1.4	256QAM	1	5	19.41	19.46	19.41		
1.4	256QAM	3	0	19.75	19.54	19.66		
1.4	256QAM	3	1	19.52	19.61	19.60		
1.4	256QAM	3	3	19.54	19.49	19.46		
1.4	256QAM	6	0	19.43	19.04	19.52	20.7	5

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.29	24.33	24.31	25.7	0
20	QPSK	1	49	24.19	24.25	24.23		
20	QPSK	1	99	24.17	24.26	24.23		
20	QPSK	50	0	23.18	23.31	23.28	24.7	1
20	QPSK	50	24	23.28	23.27	23.21		
20	QPSK	50	50	23.23	23.20	23.25		
20	QPSK	100	0	23.26	23.30	23.24		
20	16QAM	1	0	23.26	23.39	23.32	24.7	1
20	16QAM	1	49	23.35	23.33	23.33		
20	16QAM	1	99	23.34	23.33	23.28		
20	16QAM	50	0	22.21	22.32	22.27	23.7	2
20	16QAM	50	24	22.21	22.22	22.21		
20	16QAM	50	50	22.20	22.21	22.30		
20	16QAM	100	0	22.21	22.32	22.23		
20	64QAM	1	0	22.15	22.18	22.15	23.7	2
20	64QAM	1	49	22.15	22.09	22.07		
20	64QAM	1	99	22.08	22.09	22.05		
20	64QAM	50	0	21.27	21.47	21.31	22.7	3
20	64QAM	50	24	21.31	21.28	21.29		
20	64QAM	50	50	21.34	21.25	21.33		
20	64QAM	100	0	21.23	21.45	21.28		
20	256QAM	1	0	19.27	19.37	19.21	20.7	5
20	256QAM	1	49	19.22	19.31	19.27		
20	256QAM	1	99	19.31	19.22	19.25		
20	256QAM	50	0	19.24	19.40	19.17	20.7	5
20	256QAM	50	24	19.21	19.26	19.20		
20	256QAM	50	50	19.27	19.27	19.20		
20	256QAM	100	0	19.16	19.37	19.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.16	24.20	24.26	25.7	0
15	QPSK	1	37	24.15	24.18	24.07		
15	QPSK	1	74	24.08	24.14	24.14		
15	QPSK	36	0	23.07	23.15	23.22	24.7	1
15	QPSK	36	20	23.17	23.19	23.11		
15	QPSK	36	39	23.14	23.11	23.15		
15	QPSK	75	0	23.18	23.24	23.08		
15	16QAM	1	0	23.19	23.28	23.28	24.7	1
15	16QAM	1	37	23.22	23.25	23.22		
15	16QAM	1	74	23.27	23.23	23.15		
15	16QAM	36	0	22.15	22.28	22.20	23.7	2
15	16QAM	36	20	22.11	22.08	22.11		
15	16QAM	36	39	22.10	22.11	22.17		
15	16QAM	75	0	22.13	22.19	22.17		
15	64QAM	1	0	22.02	22.11	22.06	23.7	2
15	64QAM	1	37	22.05	22.03	21.99		
15	64QAM	1	74	22.01	21.98	21.95		
15	64QAM	36	0	21.12	21.40	21.24	22.7	3
15	64QAM	36	20	21.21	21.14	21.17		
15	64QAM	36	39	21.25	21.09	21.24		
15	64QAM	75	0	21.12	21.35	21.21		
15	256QAM	1	0	19.22	19.29	19.15	20.7	5
15	256QAM	1	37	19.18	19.23	19.18		
15	256QAM	1	74	19.19	19.17	19.17		
15	256QAM	36	0	19.13	19.24	19.12	20.7	5
15	256QAM	36	20	19.16	19.19	19.11		
15	256QAM	36	39	19.23	19.21	19.08		
15	256QAM	75	0	19.06	19.22	19.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.24	24.18	24.27	25.7	0
10	QPSK	1	25	24.14	24.17	24.10		
10	QPSK	1	49	24.07	24.15	24.10		
10	QPSK	25	0	23.05	23.27	23.12	24.7	1
10	QPSK	25	12	23.18	23.19	23.12		
10	QPSK	25	25	23.13	23.11	23.18		
10	QPSK	50	0	23.11	23.16	23.15		
10	16QAM	1	0	23.14	23.28	23.19	24.7	1
10	16QAM	1	25	23.25	23.21	23.28		
10	16QAM	1	49	23.29	23.23	23.21		
10	16QAM	25	0	22.10	22.21	22.18	23.7	2
10	16QAM	25	12	22.14	22.17	22.08		
10	16QAM	25	25	22.04	22.12	22.24		
10	16QAM	50	0	22.16	22.17	22.13		
10	64QAM	1	0	22.10	22.13	22.10	23.7	2
10	64QAM	1	25	22.05	22.01	22.03		
10	64QAM	1	49	22.03	22.03	21.99		
10	64QAM	25	0	21.13	21.36	21.19	22.7	3
10	64QAM	25	12	21.25	21.22	21.21		
10	64QAM	25	25	21.29	21.16	21.27		
10	64QAM	50	0	21.13	21.32	21.18		
10	256QAM	1	0	19.14	19.33	19.07	20.7	5
10	256QAM	1	25	19.07	19.19	19.18		
10	256QAM	1	49	19.17	19.06	19.12		
10	256QAM	25	0	19.15	19.34	19.08	20.7	5
10	256QAM	25	12	19.11	19.11	19.15		
10	256QAM	25	25	19.19	19.21	19.06		
10	256QAM	50	0	19.08	19.24	19.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.17	24.26	24.23	25.7	0
5	QPSK	1	12	24.10	24.19	24.11		
5	QPSK	1	24	24.03	24.19	24.11		
5	QPSK	12	0	23.13	23.20	23.19	24.7	1
5	QPSK	12	7	23.24	23.17	23.17		
5	QPSK	12	13	23.12	23.09	23.10		
5	QPSK	25	0	23.17	23.16	23.18		
5	16QAM	1	0	23.20	23.24	23.24	24.7	1
5	16QAM	1	12	23.22	23.23	23.21		
5	16QAM	1	24	23.25	23.20	23.20		
5	16QAM	12	0	22.12	22.18	22.22	23.7	2
5	16QAM	12	7	22.10	22.16	22.15		
5	16QAM	12	13	22.14	22.10	22.18		
5	16QAM	25	0	22.07	22.19	22.12		
5	64QAM	1	0	22.05	22.09	22.11	23.7	2
5	64QAM	1	12	22.07	22.02	21.94		
5	64QAM	1	24	22.03	21.96	21.99		
5	64QAM	12	0	21.17	21.43	21.23	22.7	3
5	64QAM	12	7	21.18	21.17	21.22		
5	64QAM	12	13	21.30	21.14	21.29		
5	64QAM	25	0	21.19	21.38	21.13		
5	256QAM	1	0	19.15	19.24	19.15	20.7	5
5	256QAM	1	12	19.14	19.24	19.18		
5	256QAM	1	24	19.21	19.18	19.17		
5	256QAM	12	0	19.09	19.35	19.11	20.7	5
5	256QAM	12	7	19.13	19.15	19.12		
5	256QAM	12	13	19.18	19.17	19.05		
5	256QAM	25	0	19.01	19.31	19.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.22	24.24	24.18	25.7	0
3	QPSK	1	8	24.04	24.19	24.18		
3	QPSK	1	14	24.05	24.18	24.18		
3	QPSK	8	0	23.11	23.23	23.13	24.7	1
3	QPSK	8	4	23.18	23.20	23.16		
3	QPSK	8	7	23.12	23.09	23.19		
3	QPSK	15	0	23.14	23.18	23.17		
3	16QAM	1	0	23.17	23.25	23.23	24.7	1
3	16QAM	1	8	23.19	23.23	23.18		
3	16QAM	1	14	23.20	23.22	23.14		
3	16QAM	8	0	22.14	22.18	22.16	23.7	2
3	16QAM	8	4	22.10	22.08	22.05		
3	16QAM	8	7	22.09	22.12	22.14		
3	16QAM	15	0	22.11	22.27	22.14		
3	64QAM	1	0	22.06	22.07	22.08	23.7	2
3	64QAM	1	8	22.09	22.03	21.91		
3	64QAM	1	14	22.04	22.04	21.92		
3	64QAM	8	0	21.17	21.42	21.16	22.7	3
3	64QAM	8	4	21.18	21.21	21.24		
3	64QAM	8	7	21.21	21.13	21.22		
3	64QAM	15	0	21.19	21.36	21.19		
3	256QAM	1	0	19.13	19.21	19.06	20.7	5
3	256QAM	1	8	19.08	19.24	19.20		
3	256QAM	1	14	19.19	19.12	19.14		
3	256QAM	8	0	19.16	19.32	19.02	20.7	5
3	256QAM	8	4	19.11	19.22	19.05		
3	256QAM	8	7	19.23	19.20	19.13		
3	256QAM	15	0	19.07	19.33	19.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.18	24.27	24.16	25.7	0
1.4	QPSK	1	3	24.15	24.20	24.12		
1.4	QPSK	1	5	24.07	24.12	24.08		
1.4	QPSK	3	0	24.17	24.18	24.23		
1.4	QPSK	3	1	24.10	24.10	24.17		
1.4	QPSK	3	3	24.05	24.21	24.17		
1.4	QPSK	6	0	23.19	23.25	23.13	24.7	1
1.4	16QAM	1	0	23.19	23.26	23.22	24.7	1
1.4	16QAM	1	3	23.29	23.22	23.22		
1.4	16QAM	1	5	23.21	23.18	23.22		
1.4	16QAM	3	0	23.13	23.34	23.17		
1.4	16QAM	3	1	23.25	23.23	23.28		
1.4	16QAM	3	3	23.21	23.21	23.19		
1.4	16QAM	6	0	22.06	22.21	22.13	23.7	2
1.4	64QAM	1	0	22.03	22.10	22.04	23.7	2
1.4	64QAM	1	3	22.04	21.99	21.93		
1.4	64QAM	1	5	22.01	22.02	21.92		
1.4	64QAM	3	0	22.17	22.22	22.13		
1.4	64QAM	3	1	22.15	22.09	22.14		
1.4	64QAM	3	3	22.11	22.14	22.19		
1.4	64QAM	6	0	21.17	21.34	21.21	22.7	3
1.4	256QAM	1	0	19.23	19.32	19.06	20.7	5
1.4	256QAM	1	3	19.07	19.26	19.19		
1.4	256QAM	1	5	19.26	19.13	19.17		
1.4	256QAM	3	0	19.15	19.24	19.01		
1.4	256QAM	3	1	19.05	19.14	19.12		
1.4	256QAM	3	3	19.11	19.21	19.09		
1.4	256QAM	6	0	19.08	19.26	19.10	20.7	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.81	24.85	24.79	25.7	0
20	QPSK	1	49	24.78	24.82	24.75		
20	QPSK	1	99	24.67	24.73	24.74		
20	QPSK	50	0	23.81	23.93	23.85	24.7	1
20	QPSK	50	24	23.83	23.90	23.80		
20	QPSK	50	50	23.89	23.81	23.87		
20	QPSK	100	0	23.78	23.91	23.88		
20	16QAM	1	0	23.87	23.97	23.88	24.7	1
20	16QAM	1	49	23.83	23.85	23.87		
20	16QAM	1	99	23.92	23.92	23.93		
20	16QAM	50	0	22.84	22.93	22.82	23.7	2
20	16QAM	50	24	22.86	22.83	22.85		
20	16QAM	50	50	22.85	22.88	22.79		
20	16QAM	100	0	22.86	22.92	22.87		
20	64QAM	1	0	22.56	22.67	22.56	23.7	2
20	64QAM	1	49	22.56	22.60	22.58		
20	64QAM	1	99	22.57	22.63	22.59		
20	64QAM	50	0	21.81	21.47	21.87	22.7	3
20	64QAM	50	24	21.85	21.88	21.91		
20	64QAM	50	50	21.92	21.92	21.82		
20	64QAM	100	0	21.86	21.45	21.84		
20	256QAM	1	0	19.80	19.77	19.88	20.7	5
20	256QAM	1	49	19.80	19.78	19.78		
20	256QAM	1	99	19.78	19.76	19.86		
20	256QAM	50	0	19.86	19.84	19.83	20.7	5
20	256QAM	50	24	19.84	19.91	19.87		
20	256QAM	50	50	19.92	19.91	19.88		
20	256QAM	100	0	19.80	19.37	19.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.74	24.70	24.73	25.7	0
15	QPSK	1	37	24.70	24.75	24.68		
15	QPSK	1	74	24.52	24.67	24.63		
15	QPSK	36	0	23.77	23.79	23.70	24.7	1
15	QPSK	36	20	23.77	23.84	23.74		
15	QPSK	36	39	23.80	23.69	23.72		
15	QPSK	75	0	23.65	23.80	23.74		
15	16QAM	1	0	23.82	23.86	23.75	24.7	1
15	16QAM	1	37	23.73	23.70	23.71		
15	16QAM	1	74	23.85	23.78	23.86		
15	16QAM	36	0	22.76	22.82	22.74	23.7	2
15	16QAM	36	20	22.76	22.76	22.78		
15	16QAM	36	39	22.72	22.77	22.72		
15	16QAM	75	0	22.77	22.86	22.76		
15	64QAM	1	0	22.51	22.58	22.41	23.7	2
15	64QAM	1	37	22.41	22.46	22.46		
15	64QAM	1	74	22.41	22.49	22.46		
15	64QAM	36	0	21.69	21.70	21.81	22.7	3
15	64QAM	36	20	21.81	21.83	21.86		
15	64QAM	36	39	21.80	21.82	21.66		
15	64QAM	75	0	21.71	21.67	21.79		
15	256QAM	1	0	19.69	19.70	19.83	20.7	5
15	256QAM	1	37	19.68	19.72	19.74		
15	256QAM	1	74	19.65	19.68	19.77		
15	256QAM	36	0	19.80	19.75	19.69	20.7	5
15	256QAM	36	20	19.74	19.76	19.73		
15	256QAM	36	39	19.81	19.77	19.74		
15	256QAM	75	0	19.67	19.23	19.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.77	24.78	24.65	25.7	0
10	QPSK	1	25	24.68	24.71	24.62		
10	QPSK	1	49	24.58	24.66	24.70		
10	QPSK	25	0	23.67	23.85	23.69	24.7	1
10	QPSK	25	12	23.69	23.86	23.71		
10	QPSK	25	25	23.76	23.68	23.72		
10	QPSK	50	0	23.68	23.77	23.82		
10	16QAM	1	0	23.77	23.91	23.72	24.7	1
10	16QAM	1	25	23.69	23.69	23.76		
10	16QAM	1	49	23.78	23.88	23.80		
10	16QAM	25	0	22.73	22.84	22.69	23.7	2
10	16QAM	25	12	22.75	22.74	22.73		
10	16QAM	25	25	22.75	22.83	22.66		
10	16QAM	50	0	22.77	22.80	22.82		
10	64QAM	1	0	22.48	22.58	22.44	23.7	2
10	64QAM	1	25	22.51	22.46	22.47		
10	64QAM	1	49	22.47	22.54	22.46		
10	64QAM	25	0	21.73	21.65	21.72	22.7	3
10	64QAM	25	12	21.70	21.76	21.79		
10	64QAM	25	25	21.85	21.86	21.75		
10	64QAM	50	0	21.82	21.37	21.69		
10	256QAM	1	0	19.65	19.62	19.79	20.7	5
10	256QAM	1	25	19.74	19.68	19.66		
10	256QAM	1	49	19.66	19.64	19.81		
10	256QAM	25	0	19.77	19.79	19.70	20.7	5
10	256QAM	25	12	19.69	19.79	19.77		
10	256QAM	25	25	19.88	19.78	19.80		
10	256QAM	50	0	19.66	19.33	19.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.68	24.64	24.57	25.7	0
5	QPSK	1	12	24.61	24.65	24.49		
5	QPSK	1	24	24.49	24.58	24.65		
5	QPSK	12	0	23.57	23.76	23.54	24.7	1
5	QPSK	12	7	23.55	23.74	23.59		
5	QPSK	12	13	23.68	23.58	23.63		
5	QPSK	25	0	23.58	23.71	23.68		
5	16QAM	1	0	23.73	23.87	23.58	24.7	1
5	16QAM	1	12	23.57	23.60	23.71		
5	16QAM	1	24	23.71	23.83	23.73		
5	16QAM	12	0	22.67	22.71	22.56	23.7	2
5	16QAM	12	7	22.68	22.60	22.68		
5	16QAM	12	13	22.64	22.72	22.59		
5	16QAM	25	0	22.69	22.73	22.76		
5	64QAM	1	0	22.34	22.43	22.35	23.7	2
5	64QAM	1	12	22.37	22.33	22.41		
5	64QAM	1	24	22.38	22.49	22.36		
5	64QAM	12	0	21.60	21.52	21.63	22.7	3
5	64QAM	12	7	21.64	21.70	21.67		
5	64QAM	12	13	21.72	21.74	21.61		
5	64QAM	25	0	21.68	21.22	21.59		
5	256QAM	1	0	19.55	19.48	19.75	20.7	5
5	256QAM	1	12	19.63	19.54	19.51		
5	256QAM	1	24	19.54	19.56	19.74		
5	256QAM	12	0	19.72	19.67	19.62	20.7	5
5	256QAM	12	7	19.54	19.70	19.63		
5	256QAM	12	13	19.77	19.65	19.65		
5	256QAM	25	0	19.52	19.18	19.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.65	24.73	24.58	25.7	0
3	QPSK	1	8	24.56	24.61	24.52		
3	QPSK	1	14	24.48	24.55	24.62		
3	QPSK	8	0	23.60	23.79	23.61	24.7	1
3	QPSK	8	4	23.64	23.75	23.59		
3	QPSK	8	7	23.70	23.62	23.64		
3	QPSK	15	0	23.62	23.63	23.71		
3	16QAM	1	0	23.66	23.85	23.57	24.7	1
3	16QAM	1	8	23.62	23.54	23.61		
3	16QAM	1	14	23.71	23.80	23.76		
3	16QAM	8	0	22.63	22.77	22.57	23.7	2
3	16QAM	8	4	22.68	22.64	22.62		
3	16QAM	8	7	22.60	22.77	22.55		
3	16QAM	15	0	22.65	22.74	22.71		
3	64QAM	1	0	22.38	22.49	22.34	23.7	2
3	64QAM	1	8	22.37	22.40	22.33		
3	64QAM	1	14	22.33	22.49	22.34		
3	64QAM	8	0	21.68	21.56	21.65	22.7	3
3	64QAM	8	4	21.63	21.63	21.69		
3	64QAM	8	7	21.80	21.82	21.67		
3	64QAM	15	0	21.68	21.31	21.55		
3	256QAM	1	0	19.50	19.51	19.71	20.7	5
3	256QAM	1	8	19.67	19.56	19.54		
3	256QAM	1	14	19.58	19.54	19.66		
3	256QAM	8	0	19.66	19.69	19.60	20.7	5
3	256QAM	8	4	19.57	19.73	19.65		
3	256QAM	8	7	19.83	19.68	19.69		
3	256QAM	15	0	19.60	19.18	19.58		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.70	24.74	24.60	25.7	0
1.4	QPSK	1	3	24.54	24.65	24.55		
1.4	QPSK	1	5	24.53	24.55	24.58		
1.4	QPSK	3	0	24.64	24.64	24.60		
1.4	QPSK	3	1	24.62	24.61	24.50		
1.4	QPSK	3	3	24.47	24.58	24.62		
1.4	QPSK	6	0	23.56	23.67	23.67	24.7	1
1.4	16QAM	1	0	23.66	23.86	23.59	24.7	1
1.4	16QAM	1	3	23.55	23.56	23.67		
1.4	16QAM	1	5	23.63	23.73	23.72		
1.4	16QAM	3	0	23.55	23.71	23.65		
1.4	16QAM	3	1	23.58	23.81	23.59		
1.4	16QAM	3	3	23.66	23.60	23.66		
1.4	16QAM	6	0	22.67	22.73	22.68	23.7	2
1.4	64QAM	1	0	22.37	22.44	22.39	23.7	2
1.4	64QAM	1	3	22.36	22.35	22.38		
1.4	64QAM	1	5	22.36	22.44	22.42		
1.4	64QAM	3	0	22.66	22.70	22.65		
1.4	64QAM	3	1	22.64	22.67	22.58		
1.4	64QAM	3	3	22.61	22.70	22.61		
1.4	64QAM	6	0	21.76	21.29	21.62	22.7	3
1.4	256QAM	1	0	19.61	19.56	19.69	20.7	5
1.4	256QAM	1	3	19.64	19.57	19.61		
1.4	256QAM	1	5	19.62	19.54	19.70		
1.4	256QAM	3	0	19.65	19.64	19.65		
1.4	256QAM	3	1	19.62	19.72	19.70		
1.4	256QAM	3	3	19.83	19.68	19.72		
1.4	256QAM	6	0	19.55	19.18	19.67	20.7	5

Band 66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.75	24.88	24.80	25.7	0
20	QPSK	1	49	24.64	24.76	24.67		
20	QPSK	1	99	24.69	24.76	24.68		
20	QPSK	50	0	23.76	23.86	23.82	24.7	1
20	QPSK	50	24	23.83	23.83	23.76		
20	QPSK	50	50	23.79	23.76	23.77		
20	QPSK	100	0	23.82	23.88	23.85		
20	16QAM	1	0	23.79	23.91	23.77	24.7	1
20	16QAM	1	49	23.88	23.88	23.83		
20	16QAM	1	99	23.83	23.87	23.86		
20	16QAM	50	0	22.77	22.89	22.83	23.7	2
20	16QAM	50	24	22.80	22.86	22.81		
20	16QAM	50	50	22.83	22.77	22.86		
20	16QAM	100	0	22.78	22.90	22.77		
20	64QAM	1	0	22.77	22.80	22.66	23.7	2
20	64QAM	1	49	22.67	22.67	22.66		
20	64QAM	1	99	22.75	22.69	22.74		
20	64QAM	50	0	21.81	21.67	21.83	22.7	3
20	64QAM	50	24	21.85	21.83	21.80		
20	64QAM	50	50	21.88	21.82	21.86		
20	64QAM	100	0	21.85	21.45	21.76		
20	256QAM	1	0	19.72	19.37	19.76	20.7	5
20	256QAM	1	49	19.69	19.65	19.72		
20	256QAM	1	99	19.71	19.65	19.70		
20	256QAM	50	0	19.86	19.84	19.80	20.7	5
20	256QAM	50	24	19.89	19.83	19.80		
20	256QAM	50	50	19.84	19.78	19.83		
20	256QAM	100	0	19.79	19.67	19.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.66	24.83	24.69	25.7	0
15	QPSK	1	37	24.59	24.60	24.52		
15	QPSK	1	74	24.56	24.71	24.63		
15	QPSK	36	0	23.68	23.74	23.71	24.7	1
15	QPSK	36	20	23.73	23.78	23.69		
15	QPSK	36	39	23.63	23.69	23.64		
15	QPSK	75	0	23.73	23.76	23.70		
15	16QAM	1	0	23.75	23.87	23.63	24.7	1
15	16QAM	1	37	23.82	23.72	23.69		
15	16QAM	1	74	23.73	23.82	23.77		
15	16QAM	36	0	22.63	22.83	22.72	23.7	2
15	16QAM	36	20	22.70	22.70	22.71		
15	16QAM	36	39	22.75	22.64	22.70		
15	16QAM	75	0	22.69	22.80	22.66		
15	64QAM	1	0	22.72	22.76	22.51	23.7	2
15	64QAM	1	37	22.59	22.63	22.51		
15	64QAM	1	74	22.65	22.58	22.66		
15	64QAM	36	0	21.67	21.82	21.71	22.7	3
15	64QAM	36	20	21.74	21.71	21.73		
15	64QAM	36	39	21.83	21.77	21.77		
15	64QAM	75	0	21.74	21.33	21.63		
15	256QAM	1	0	19.59	19.28	19.62	20.7	5
15	256QAM	1	37	19.54	19.51	19.57		
15	256QAM	1	74	19.65	19.55	19.59		
15	256QAM	36	0	19.80	19.72	19.72	20.7	5
15	256QAM	36	20	19.84	19.72	19.74		
15	256QAM	36	39	19.78	19.73	19.74		
15	256QAM	75	0	19.73	19.61	19.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.66	24.72	24.68	25.7	0
10	QPSK	1	25	24.55	24.65	24.52		
10	QPSK	1	49	24.54	24.61	24.63		
10	QPSK	25	0	23.64	23.73	23.66	24.7	1
10	QPSK	25	12	23.67	23.72	23.69		
10	QPSK	25	25	23.65	23.67	23.71		
10	QPSK	50	0	23.77	23.82	23.80		
10	16QAM	1	0	23.67	23.77	23.65	24.7	1
10	16QAM	1	25	23.83	23.72	23.67		
10	16QAM	1	49	23.74	23.77	23.75		
10	16QAM	25	0	22.64	22.85	22.78	23.7	2
10	16QAM	25	12	22.75	22.76	22.71		
10	16QAM	25	25	22.73	22.70	22.79		
10	16QAM	50	0	22.72	22.79	22.65		
10	64QAM	1	0	22.64	22.75	22.59	23.7	2
10	64QAM	1	25	22.56	22.62	22.55		
10	64QAM	1	49	22.67	22.57	22.60		
10	64QAM	25	0	21.74	21.59	21.68	22.7	3
10	64QAM	25	12	21.74	21.67	21.75		
10	64QAM	25	25	21.78	21.70	21.76		
10	64QAM	50	0	21.69	21.36	21.72		
10	256QAM	1	0	19.62	19.31	19.61	20.7	5
10	256QAM	1	25	19.54	19.50	19.62		
10	256QAM	1	49	19.58	19.59	19.58		
10	256QAM	25	0	19.79	19.75	19.68	20.7	5
10	256QAM	25	12	19.83	19.69	19.67		
10	256QAM	25	25	19.71	19.73	19.70		
10	256QAM	50	0	19.72	19.56	19.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.63	24.81	24.65	25.7	0
5	QPSK	1	12	24.49	24.70	24.58		
5	QPSK	1	24	24.62	24.62	24.54		
5	QPSK	12	0	23.68	23.82	23.78	24.7	1
5	QPSK	12	7	23.77	23.69	23.67		
5	QPSK	12	13	23.63	23.63	23.67		
5	QPSK	25	0	23.77	23.82	23.71		
5	16QAM	1	0	23.64	23.86	23.65	24.7	1
5	16QAM	1	12	23.73	23.80	23.73		
5	16QAM	1	24	23.68	23.71	23.73		
5	16QAM	12	0	22.72	22.79	22.74	23.7	2
5	16QAM	12	7	22.74	22.75	22.67		
5	16QAM	12	13	22.70	22.65	22.72		
5	16QAM	25	0	22.63	22.82	22.70		
5	64QAM	1	0	22.73	22.69	22.60	23.7	2
5	64QAM	1	12	22.59	22.58	22.60		
5	64QAM	1	24	22.65	22.55	22.68		
5	64QAM	12	0	21.70	21.59	21.77	22.7	3
5	64QAM	12	7	21.71	21.77	21.70		
5	64QAM	12	13	21.75	21.67	21.81		
5	64QAM	25	0	21.80	21.35	21.61		
5	256QAM	1	0	19.66	19.31	19.69	20.7	5
5	256QAM	1	12	19.58	19.59	19.56		
5	256QAM	1	24	19.57	19.55	19.59		
5	256QAM	12	0	19.70	19.72	19.74	20.7	5
5	256QAM	12	7	19.77	19.75	19.67		
5	256QAM	12	13	19.70	19.68	19.69		
5	256QAM	25	0	19.66	19.58	19.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.64	24.77	24.69	25.7	0
3	QPSK	1	8	24.52	24.62	24.54		
3	QPSK	1	14	24.57	24.61	24.60		
3	QPSK	8	0	23.67	23.77	23.78	24.7	1
3	QPSK	8	4	23.67	23.76	23.63		
3	QPSK	8	7	23.67	23.62	23.63		
3	QPSK	15	0	23.72	23.81	23.77		
3	16QAM	1	0	23.72	23.82	23.68	24.7	1
3	16QAM	1	8	23.81	23.74	23.75		
3	16QAM	1	14	23.71	23.83	23.73		
3	16QAM	8	0	22.72	22.81	22.75	23.7	2
3	16QAM	8	4	22.72	22.74	22.73		
3	16QAM	8	7	22.72	22.73	22.74		
3	16QAM	15	0	22.68	22.77	22.70		
3	64QAM	1	0	22.64	22.72	22.58	23.7	2
3	64QAM	1	8	22.61	22.63	22.58		
3	64QAM	1	14	22.60	22.65	22.62		
3	64QAM	8	0	21.76	21.59	21.79	22.7	3
3	64QAM	8	4	21.75	21.78	21.65		
3	64QAM	8	7	21.76	21.67	21.76		
3	64QAM	15	0	21.74	21.31	21.63		
3	256QAM	1	0	19.63	19.25	19.61	20.7	5
3	256QAM	1	8	19.56	19.53	19.63		
3	256QAM	1	14	19.66	19.59	19.56		
3	256QAM	8	0	19.78	19.73	19.72	20.7	5
3	256QAM	8	4	19.85	19.79	19.74		
3	256QAM	8	7	19.78	19.74	19.70		
3	256QAM	15	0	19.68	19.58	19.69		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.60	24.79	24.76	25.7	0
1.4	QPSK	1	3	24.56	24.70	24.56		
1.4	QPSK	1	5	24.60	24.68	24.59		
1.4	QPSK	3	0	24.69	24.76	24.66		
1.4	QPSK	3	1	24.50	24.67	24.63		
1.4	QPSK	3	3	24.59	24.61	24.59		
1.4	QPSK	6	0	23.74	23.72	23.72	24.7	1
1.4	16QAM	1	0	23.69	23.85	23.67	24.7	1
1.4	16QAM	1	3	23.77	23.73	23.76		
1.4	16QAM	1	5	23.72	23.79	23.76		
1.4	16QAM	3	0	23.68	23.83	23.64		
1.4	16QAM	3	1	23.77	23.84	23.69		
1.4	16QAM	3	3	23.70	23.77	23.75		
1.4	16QAM	6	0	22.73	22.81	22.64	23.7	2
1.4	64QAM	1	0	22.70	22.74	22.60	23.7	2
1.4	64QAM	1	3	22.56	22.60	22.56		
1.4	64QAM	1	5	22.64	22.60	22.65		
1.4	64QAM	3	0	22.63	22.76	22.70		
1.4	64QAM	3	1	22.72	22.78	22.67		
1.4	64QAM	3	3	22.77	22.73	22.78		
1.4	64QAM	6	0	21.80	21.74	21.66	22.7	3
1.4	256QAM	1	0	19.58	19.28	19.65	20.7	5
1.4	256QAM	1	3	19.59	19.49	19.67		
1.4	256QAM	1	5	19.66	19.57	19.54		
1.4	256QAM	3	0	19.79	19.73	19.74		
1.4	256QAM	3	1	19.74	19.79	19.65		
1.4	256QAM	3	3	19.76	19.68	19.78		
1.4	256QAM	6	0	19.68	19.59	19.69	20.7	5

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.73	23.86	23.71	25.5	0
20	QPSK	1	49	23.63	23.65	23.58		
20	QPSK	1	99	23.71	23.67	23.56		
20	QPSK	50	0	23.20	23.32	23.24	24.5	1
20	QPSK	50	24	23.27	23.31	23.28		
20	QPSK	50	50	23.21	23.28	23.23		
20	QPSK	100	0	23.22	23.26	23.20		
20	16QAM	1	0	22.81	22.90	22.85	24.5	1
20	16QAM	1	49	22.75	22.83	22.85		
20	16QAM	1	99	22.69	22.80	22.80		
20	16QAM	50	0	22.29	22.25	22.23	23.5	2
20	16QAM	50	24	22.27	22.21	22.20		
20	16QAM	50	50	22.19	22.23	22.17		
20	16QAM	100	0	22.21	22.23	22.14		
20	64QAM	1	0	22.24	22.29	22.27	23.5	2
20	64QAM	1	49	22.20	22.20	22.22		
20	64QAM	1	99	22.20	22.23	22.19		
20	64QAM	50	0	21.49	21.50	21.44	22.5	3
20	64QAM	50	24	21.46	21.53	21.52		
20	64QAM	50	50	21.61	21.49	21.45		
20	64QAM	100	0	21.20	21.36	21.15		
20	256QAM	1	0	18.68	18.73	18.71	20.5	5
20	256QAM	1	49	18.66	18.61	18.60		
20	256QAM	1	99	18.65	18.72	18.62		
20	256QAM	50	0	19.18	19.23	19.16	20.5	5
20	256QAM	50	24	19.29	19.25	19.09		
20	256QAM	50	50	19.23	19.27	19.18		
20	256QAM	100	0	19.27	19.21	19.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.70	23.77	23.69	25.5	0
15	QPSK	1	37	23.60	23.58	23.53		
15	QPSK	1	74	23.64	23.59	23.51		
15	QPSK	36	0	23.14	23.29	23.11	24.5	1
15	QPSK	36	20	23.20	23.23	23.17		
15	QPSK	36	39	23.16	23.25	23.14		
15	QPSK	75	0	23.17	23.23	23.12		
15	16QAM	1	0	22.74	22.80	22.75	24.5	1
15	16QAM	1	37	22.73	22.73	22.76		
15	16QAM	1	74	22.58	22.71	22.68		
15	16QAM	36	0	22.21	22.21	22.10	23.5	2
15	16QAM	36	20	22.15	22.07	22.16		
15	16QAM	36	39	22.11	22.12	22.12		
15	16QAM	75	0	22.17	22.11	22.04		
15	64QAM	1	0	22.19	22.23	22.22	23.5	2
15	64QAM	1	37	22.07	22.11	22.10		
15	64QAM	1	74	22.07	22.10	22.06		
15	64QAM	36	0	21.40	21.37	21.35	22.5	3
15	64QAM	36	20	21.33	21.46	21.44		
15	64QAM	36	39	21.51	21.36	21.37		
15	64QAM	75	0	21.07	21.28	21.06		
15	256QAM	1	0	18.65	18.69	18.64	20.5	5
15	256QAM	1	37	18.58	18.57	18.50		
15	256QAM	1	74	18.57	18.67	18.53		
15	256QAM	36	0	19.15	19.19	19.04	20.5	5
15	256QAM	36	20	19.20	19.20	18.99		
15	256QAM	36	39	19.12	19.19	19.11		
15	256QAM	75	0	19.15	19.17	19.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.70	23.72	23.60	25.5	0
10	QPSK	1	25	23.55	23.52	23.50		
10	QPSK	1	49	23.58	23.61	23.54		
10	QPSK	25	0	23.10	23.19	23.17	24.5	1
10	QPSK	25	12	23.22	23.21	23.21		
10	QPSK	25	25	23.07	23.16	23.19		
10	QPSK	50	0	23.12	23.21	23.08		
10	16QAM	1	0	22.77	22.79	22.83	24.5	1
10	16QAM	1	25	22.70	22.73	22.80		
10	16QAM	1	49	22.55	22.72	22.69		
10	16QAM	25	0	22.24	22.14	22.10	23.5	2
10	16QAM	25	12	22.21	22.18	22.13		
10	16QAM	25	25	22.15	22.19	22.08		
10	16QAM	50	0	22.19	22.10	22.09		
10	64QAM	1	0	22.15	22.17	22.15	23.5	2
10	64QAM	1	25	22.11	22.16	22.17		
10	64QAM	1	49	22.10	22.16	22.07		
10	64QAM	25	0	21.44	21.46	21.39	22.5	3
10	64QAM	25	12	21.34	21.41	21.48		
10	64QAM	25	25	21.59	21.47	21.43		
10	64QAM	50	0	21.10	21.23	21.13		
10	256QAM	1	0	18.65	18.70	18.59	20.5	5
10	256QAM	1	25	18.55	18.52	18.55		
10	256QAM	1	49	18.61	18.70	18.56		
10	256QAM	25	0	19.04	19.19	19.07	20.5	5
10	256QAM	25	12	19.22	19.12	19.03		
10	256QAM	25	25	19.16	19.23	19.12		
10	256QAM	50	0	19.17	19.07	19.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.67	23.74	23.64	25.5	0
5	QPSK	1	12	23.53	23.53	23.51		
5	QPSK	1	24	23.68	23.62	23.64		
5	QPSK	12	0	23.09	23.24	23.22	24.5	1
5	QPSK	12	7	23.22	23.20	23.22		
5	QPSK	12	13	23.10	23.21	23.11		
5	QPSK	25	0	23.08	23.16	23.17		
5	16QAM	1	0	22.76	22.81	22.81	24.5	1
5	16QAM	1	12	22.62	22.74	22.78		
5	16QAM	1	24	22.60	22.70	22.71		
5	16QAM	12	0	22.19	22.20	22.10	23.5	2
5	16QAM	12	7	22.18	22.18	22.16		
5	16QAM	12	13	22.11	22.18	22.10		
5	16QAM	25	0	22.15	22.10	22.11		
5	64QAM	1	0	22.19	22.18	22.24	23.5	2
5	64QAM	1	12	22.09	22.08	22.12		
5	64QAM	1	24	22.08	22.20	22.06		
5	64QAM	12	0	21.46	21.41	21.34	22.5	3
5	64QAM	12	7	21.40	21.41	21.44		
5	64QAM	12	13	21.53	21.46	21.43		
5	64QAM	25	0	21.10	21.34	21.09		
5	256QAM	1	0	18.63	18.67	18.66	20.5	5
5	256QAM	1	12	18.60	18.52	18.55		
5	256QAM	1	24	18.55	18.65	18.51		
5	256QAM	12	0	19.14	19.10	19.08	20.5	5
5	256QAM	12	7	19.23	19.20	19.03		
5	256QAM	12	13	19.11	19.20	19.13		
5	256QAM	25	0	19.23	19.10	19.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.59	23.72	23.68	25.5	0
3	QPSK	1	8	23.54	23.62	23.53		
3	QPSK	1	14	23.65	23.57	23.56		
3	QPSK	8	0	23.10	23.20	23.21	24.5	1
3	QPSK	8	4	23.19	23.25	23.16		
3	QPSK	8	7	23.14	23.21	23.19		
3	QPSK	15	0	23.13	23.15	23.14		
3	16QAM	1	0	22.74	22.79	22.80	24.5	1
3	16QAM	1	8	22.62	22.80	22.82		
3	16QAM	1	14	22.65	22.69	22.67		
3	16QAM	8	0	22.23	22.19	22.12	23.5	2
3	16QAM	8	4	22.22	22.12	22.08		
3	16QAM	8	7	22.17	22.12	22.12		
3	16QAM	15	0	22.13	22.15	22.10		
3	64QAM	1	0	22.10	22.27	22.17	23.5	2
3	64QAM	1	8	22.09	22.18	22.15		
3	64QAM	1	14	22.11	22.21	22.12		
3	64QAM	8	0	21.42	21.37	21.40	22.5	3
3	64QAM	8	4	21.44	21.43	21.43		
3	64QAM	8	7	21.55	21.37	21.39		
3	64QAM	15	0	21.08	21.26	21.09		
3	256QAM	1	0	18.56	18.64	18.59	20.5	5
3	256QAM	1	8	18.57	18.68	18.53		
3	256QAM	1	14	18.55	18.64	18.59		
3	256QAM	8	0	19.04	19.16	19.09	20.5	5
3	256QAM	8	4	19.24	19.19	19.06		
3	256QAM	8	7	19.19	19.20	19.07		
3	256QAM	15	0	19.13	19.16	19.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.64	23.80	23.67	25.5	0
1.4	QPSK	1	3	23.60	23.58	23.51		
1.4	QPSK	1	5	23.69	23.58	23.52		
1.4	QPSK	3	0	23.61	23.73	23.68		
1.4	QPSK	3	1	23.51	23.57	23.51		
1.4	QPSK	3	3	23.60	23.55	23.50		
1.4	QPSK	6	0	23.16	23.20	23.12	24.5	1
1.4	16QAM	1	0	22.68	22.87	22.75	24.5	1
1.4	16QAM	1	3	22.65	22.72	22.83		
1.4	16QAM	1	5	22.65	22.71	22.70		
1.4	16QAM	3	0	22.78	22.80	22.80		
1.4	16QAM	3	1	22.69	22.74	22.81		
1.4	16QAM	3	3	22.58	22.75	22.77		
1.4	16QAM	6	0	22.11	22.12	22.07	23.5	2
1.4	64QAM	1	0	22.16	22.25	22.19	23.5	2
1.4	64QAM	1	3	22.15	22.15	22.19		
1.4	64QAM	1	5	22.07	22.20	22.09		
1.4	64QAM	3	0	22.16	22.08	22.10		
1.4	64QAM	3	1	22.11	22.18	22.13		
1.4	64QAM	3	3	22.15	22.17	22.04		
1.4	64QAM	6	0	21.08	21.25	21.03	22.5	3
1.4	256QAM	1	0	18.62	18.61	18.59	20.5	5
1.4	256QAM	1	3	18.63	18.66	18.67		
1.4	256QAM	1	5	18.55	18.66	18.69		
1.4	256QAM	3	0	19.09	19.14	19.07		
1.4	256QAM	3	1	19.20	19.19	18.98		
1.4	256QAM	3	3	19.15	19.14	19.15		
1.4	256QAM	6	0	19.25	19.11	19.14	20.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.38	24.47	24.40	25.7	0
20	QPSK	1	49	24.28	24.44	24.37		
20	QPSK	1	99	24.28	24.40	24.32		
20	QPSK	50	0	23.43	23.52	23.43	24.7	1
20	QPSK	50	24	23.47	23.47	23.41		
20	QPSK	50	50	23.41	23.45	23.44		
20	QPSK	100	0	23.45	23.51	23.40		
20	16QAM	1	0	23.47	23.57	23.44	24.7	1
20	16QAM	1	49	23.49	23.49	23.51		
20	16QAM	1	99	23.54	23.48	23.52		
20	16QAM	50	0	22.46	22.54	22.49	23.7	2
20	16QAM	50	24	22.48	22.46	22.51		
20	16QAM	50	50	22.51	22.47	22.44		
20	16QAM	100	0	22.45	22.54	22.47		
20	64QAM	1	0	22.16	22.30	22.28	23.7	2
20	64QAM	1	49	22.17	22.22	22.18		
20	64QAM	1	99	22.17	22.20	22.24		
20	64QAM	50	0	21.45	21.57	21.47	22.7	3
20	64QAM	50	24	21.49	21.45	21.48		
20	64QAM	50	50	21.47	21.48	21.45		
20	64QAM	100	0	21.47	21.55	21.41		
20	256QAM	1	0	19.48	19.53	19.42	20.7	5
20	256QAM	1	49	19.41	19.45	19.48		
20	256QAM	1	99	19.49	19.44	19.44		
20	256QAM	50	0	19.52	19.55	19.42	20.7	5
20	256QAM	50	24	19.51	19.52	19.42		
20	256QAM	50	50	19.43	19.46	19.42		
20	256QAM	100	0	19.38	19.52	19.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.25	24.40	24.37	25.7	0
15	QPSK	1	37	24.25	24.41	24.32		
15	QPSK	1	74	24.25	24.27	24.25		
15	QPSK	36	0	23.30	23.44	23.31	24.7	1
15	QPSK	36	20	23.40	23.37	23.29		
15	QPSK	36	39	23.32	23.37	23.34		
15	QPSK	75	0	23.42	23.47	23.28		
15	16QAM	1	0	23.39	23.43	23.35	24.7	1
15	16QAM	1	37	23.38	23.38	23.45		
15	16QAM	1	74	23.45	23.38	23.39		
15	16QAM	36	0	22.36	22.52	22.36	23.7	2
15	16QAM	36	20	22.39	22.34	22.46		
15	16QAM	36	39	22.41	22.43	22.41		
15	16QAM	75	0	22.39	22.43	22.42		
15	64QAM	1	0	22.11	22.19	22.20	23.7	2
15	64QAM	1	37	22.06	22.10	22.13		
15	64QAM	1	74	22.03	22.09	22.16		
15	64QAM	36	0	21.37	21.44	21.33	22.7	3
15	64QAM	36	20	21.40	21.34	21.39		
15	64QAM	36	39	21.37	21.44	21.37		
15	64QAM	75	0	21.41	21.46	21.27		
15	256QAM	1	0	19.43	19.43	19.35	20.7	5
15	256QAM	1	37	19.32	19.41	19.36		
15	256QAM	1	74	19.36	19.30	19.36		
15	256QAM	36	0	19.38	19.41	19.31	20.7	5
15	256QAM	36	20	19.44	19.46	19.40		
15	256QAM	36	39	19.34	19.39	19.39		
15	256QAM	75	0	19.25	19.46	19.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.33	24.44	24.36	25.7	0
10	QPSK	1	25	24.18	24.38	24.29		
10	QPSK	1	49	24.23	24.38	24.23		
10	QPSK	25	0	23.37	23.39	23.30	24.7	1
10	QPSK	25	12	23.38	23.36	23.35		
10	QPSK	25	25	23.34	23.37	23.34		
10	QPSK	50	0	23.32	23.44	23.38		
10	16QAM	1	0	23.36	23.49	23.42	24.7	1
10	16QAM	1	25	23.39	23.36	23.48		
10	16QAM	1	49	23.51	23.42	23.46		
10	16QAM	25	0	22.41	22.41	22.41	23.7	2
10	16QAM	25	12	22.42	22.40	22.38		
10	16QAM	25	25	22.44	22.44	22.39		
10	16QAM	50	0	22.37	22.51	22.40		
10	64QAM	1	0	22.12	22.17	22.18	23.7	2
10	64QAM	1	25	22.10	22.09	22.11		
10	64QAM	1	49	22.11	22.17	22.18		
10	64QAM	25	0	21.36	21.45	21.42	22.7	3
10	64QAM	25	12	21.43	21.34	21.44		
10	64QAM	25	25	21.36	21.37	21.38		
10	64QAM	50	0	21.43	21.53	21.28		
10	256QAM	1	0	19.43	19.41	19.32	20.7	5
10	256QAM	1	25	19.29	19.32	19.45		
10	256QAM	1	49	19.39	19.38	19.40		
10	256QAM	25	0	19.45	19.42	19.35	20.7	5
10	256QAM	25	12	19.43	19.47	19.32		
10	256QAM	25	25	19.39	19.39	19.33		
10	256QAM	50	0	19.30	19.38	19.40		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.34	24.41	24.31	25.7	0
5	QPSK	1	12	24.23	24.39	24.27		
5	QPSK	1	24	24.24	24.34	24.21		
5	QPSK	12	0	23.29	23.44	23.39	24.7	1
5	QPSK	12	7	23.39	23.40	23.32		
5	QPSK	12	13	23.38	23.32	23.42		
5	QPSK	25	0	23.38	23.44	23.33		
5	16QAM	1	0	23.41	23.53	23.33	24.7	1
5	16QAM	1	12	23.46	23.47	23.41		
5	16QAM	1	24	23.45	23.34	23.47		
5	16QAM	12	0	22.38	22.51	22.40	23.7	2
5	16QAM	12	7	22.40	22.43	22.37		
5	16QAM	12	13	22.44	22.35	22.33		
5	16QAM	25	0	22.41	22.51	22.42		
5	64QAM	1	0	22.04	22.22	22.16	23.7	2
5	64QAM	1	12	22.13	22.14	22.12		
5	64QAM	1	24	22.03	22.17	22.16		
5	64QAM	12	0	21.34	21.49	21.44	22.7	3
5	64QAM	12	7	21.41	21.43	21.44		
5	64QAM	12	13	21.36	21.39	21.43		
5	64QAM	25	0	21.41	21.50	21.32		
5	256QAM	1	0	19.37	19.46	19.35	20.7	5
5	256QAM	1	12	19.36	19.33	19.41		
5	256QAM	1	24	19.46	19.39	19.42		
5	256QAM	12	0	19.45	19.49	19.35	20.7	5
5	256QAM	12	7	19.44	19.39	19.35		
5	256QAM	12	13	19.31	19.37	19.34		
5	256QAM	25	0	19.35	19.46	19.31		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.27	24.43	24.33	25.7	0
3	QPSK	1	8	24.18	24.39	24.32		
3	QPSK	1	14	24.21	24.26	24.29		
3	QPSK	8	0	23.40	23.50	23.29	24.7	1
3	QPSK	8	4	23.42	23.40	23.29		
3	QPSK	8	7	23.29	23.42	23.40		
3	QPSK	15	0	23.41	23.41	23.35		
3	16QAM	1	0	23.43	23.43	23.32	24.7	1
3	16QAM	1	8	23.37	23.47	23.44		
3	16QAM	1	14	23.51	23.35	23.47		
3	16QAM	8	0	22.32	22.43	22.37	23.7	2
3	16QAM	8	4	22.43	22.44	22.39		
3	16QAM	8	7	22.48	22.34	22.31		
3	16QAM	15	0	22.36	22.46	22.41		
3	64QAM	1	0	22.06	22.25	22.26	23.7	2
3	64QAM	1	8	22.03	22.16	22.14		
3	64QAM	1	14	22.06	22.14	22.15		
3	64QAM	8	0	21.41	21.54	21.38	22.7	3
3	64QAM	8	4	21.45	21.37	21.37		
3	64QAM	8	7	21.45	21.37	21.33		
3	64QAM	15	0	21.41	21.44	21.32		
3	256QAM	1	0	19.35	19.40	19.29	20.7	5
3	256QAM	1	8	19.34	19.41	19.34		
3	256QAM	1	14	19.42	19.41	19.31		
3	256QAM	8	0	19.49	19.51	19.33	20.7	5
3	256QAM	8	4	19.46	19.40	19.29		
3	256QAM	8	7	19.34	19.40	19.32		
3	256QAM	15	0	19.36	19.45	19.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.31	24.40	24.29	25.7	0
1.4	QPSK	1	3	24.15	24.30	24.26		
1.4	QPSK	1	5	24.21	24.27	24.24		
1.4	QPSK	3	0	24.25	24.44	24.32		
1.4	QPSK	3	1	24.16	24.33	24.30		
1.4	QPSK	3	3	24.20	24.30	24.22		
1.4	QPSK	6	0	23.40	23.41	23.38	24.7	1
1.4	16QAM	1	0	23.44	23.55	23.35	24.7	1
1.4	16QAM	1	3	23.41	23.37	23.47		
1.4	16QAM	1	5	23.40	23.41	23.48		
1.4	16QAM	3	0	23.31	23.34	23.41		
1.4	16QAM	3	1	23.40	23.42	23.37		
1.4	16QAM	3	3	23.41	23.47	23.42		
1.4	16QAM	6	0	22.37	22.41	22.35	23.7	2
1.4	64QAM	1	0	22.02	22.19	22.16	23.7	2
1.4	64QAM	1	3	22.12	22.16	22.07		
1.4	64QAM	1	5	22.06	22.13	22.12		
1.4	64QAM	3	0	22.10	22.20	22.19		
1.4	64QAM	3	1	22.04	22.16	22.11		
1.4	64QAM	3	3	22.14	22.11	22.22		
1.4	64QAM	6	0	21.35	21.49	21.33	22.7	3
1.4	256QAM	1	0	19.39	19.43	19.38	20.7	5
1.4	256QAM	1	3	19.36	19.37	19.37		
1.4	256QAM	1	5	19.38	19.34	19.34		
1.4	256QAM	3	0	19.43	19.52	19.34		
1.4	256QAM	3	1	19.38	19.49	19.29		
1.4	256QAM	3	3	19.40	19.40	19.35		
1.4	256QAM	6	0	19.35	19.44	19.39	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.48	24.54	24.36	25.7	0
20	QPSK	1	49	24.38	24.45	24.25		
20	QPSK	1	99	24.46	24.47	24.31		
20	QPSK	50	0	23.48	23.50	23.41	24.7	1
20	QPSK	50	24	23.36	23.37	23.37		
20	QPSK	50	50	23.37	23.39	23.37		
20	QPSK	100	0	23.35	23.48	23.35		
20	16QAM	1	0	23.36	23.49	23.38	24.7	1
20	16QAM	1	49	23.36	23.38	23.45		
20	16QAM	1	99	23.39	23.36	23.43		
20	16QAM	50	0	22.38	22.49	22.46	23.7	2
20	16QAM	50	24	22.47	22.47	22.39		
20	16QAM	50	50	22.45	22.39	22.44		
20	16QAM	100	0	22.39	22.50	22.38		
20	64QAM	1	0	22.34	22.39	22.37	23.7	2
20	64QAM	1	49	22.25	22.27	22.36		
20	64QAM	1	99	22.26	22.27	22.32		
20	64QAM	50	0	21.40	21.53	21.41	22.7	3
20	64QAM	50	24	21.42	21.41	21.50		
20	64QAM	50	50	21.48	21.40	21.48		
20	64QAM	100	0	21.40	21.50	21.46		
20	256QAM	1	0	19.30	19.37	19.26	20.7	5
20	256QAM	1	49	19.29	19.29	19.35		
20	256QAM	1	99	19.27	19.27	19.24		
20	256QAM	50	0	19.48	19.52	19.41	20.7	5
20	256QAM	50	24	19.49	19.43	19.49		
20	256QAM	50	50	19.46	19.48	19.41		
20	256QAM	100	0	19.46	19.51	19.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.38	24.44	24.31	25.7	0
15	QPSK	1	37	24.32	24.36	24.14		
15	QPSK	1	74	24.38	24.35	24.27		
15	QPSK	36	0	23.40	23.40	23.33	24.7	1
15	QPSK	36	20	23.23	23.30	23.31		
15	QPSK	36	39	23.32	23.36	23.31		
15	QPSK	75	0	23.32	23.38	23.27		
15	16QAM	1	0	23.26	23.39	23.25	24.7	1
15	16QAM	1	37	23.25	23.28	23.37		
15	16QAM	1	74	23.32	23.23	23.32		
15	16QAM	36	0	22.35	22.39	22.36	23.7	2
15	16QAM	36	20	22.40	22.37	22.30		
15	16QAM	36	39	22.36	22.26	22.31		
15	16QAM	75	0	22.30	22.43	22.36		
15	64QAM	1	0	22.21	22.34	22.28	23.7	2
15	64QAM	1	37	22.14	22.14	22.33		
15	64QAM	1	74	22.23	22.24	22.25		
15	64QAM	36	0	21.27	21.51	21.35	22.7	3
15	64QAM	36	20	21.31	21.32	21.42		
15	64QAM	36	39	21.41	21.28	21.43		
15	64QAM	75	0	21.38	21.41	21.41		
15	256QAM	1	0	19.18	19.27	19.22	20.7	5
15	256QAM	1	37	19.16	19.22	19.29		
15	256QAM	1	74	19.18	19.13	19.17		
15	256QAM	36	0	19.42	19.43	19.36	20.7	5
15	256QAM	36	20	19.46	19.32	19.45		
15	256QAM	36	39	19.32	19.43	19.34		
15	256QAM	75	0	19.36	19.46	19.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.41	24.46	24.22	25.7	0
10	QPSK	1	25	24.33	24.33	24.11		
10	QPSK	1	49	24.40	24.44	24.20		
10	QPSK	25	0	23.40	23.42	23.30	24.7	1
10	QPSK	25	12	23.33	23.35	23.27		
10	QPSK	25	25	23.24	23.36	23.24		
10	QPSK	50	0	23.24	23.41	23.27		
10	16QAM	1	0	23.24	23.46	23.33	24.7	1
10	16QAM	1	25	23.25	23.25	23.32		
10	16QAM	1	49	23.25	23.24	23.30		
10	16QAM	25	0	22.24	22.45	22.41	23.7	2
10	16QAM	25	12	22.41	22.39	22.36		
10	16QAM	25	25	22.32	22.33	22.34		
10	16QAM	50	0	22.25	22.47	22.34		
10	64QAM	1	0	22.26	22.34	22.31	23.7	2
10	64QAM	1	25	22.20	22.18	22.29		
10	64QAM	1	49	22.16	22.23	22.20		
10	64QAM	25	0	21.36	21.49	21.35	22.7	3
10	64QAM	25	12	21.40	21.36	21.41		
10	64QAM	25	25	21.42	21.34	21.46		
10	64QAM	50	0	21.27	21.36	21.44		
10	256QAM	1	0	19.20	19.25	19.13	20.7	5
10	256QAM	1	25	19.15	19.24	19.23		
10	256QAM	1	49	19.18	19.20	19.16		
10	256QAM	25	0	19.40	19.42	19.39	20.7	5
10	256QAM	25	12	19.36	19.38	19.41		
10	256QAM	25	25	19.36	19.38	19.38		
10	256QAM	50	0	19.43	19.43	19.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.44	24.51	24.30	25.7	0
5	QPSK	1	12	24.29	24.38	24.15		
5	QPSK	1	24	24.38	24.42	24.28		
5	QPSK	12	0	23.42	23.39	23.29	24.7	1
5	QPSK	12	7	23.28	23.34	23.33		
5	QPSK	12	13	23.34	23.33	23.31		
5	QPSK	25	0	23.25	23.39	23.27		
5	16QAM	1	0	23.24	23.45	23.26	24.7	1
5	16QAM	1	12	23.26	23.32	23.36		
5	16QAM	1	24	23.30	23.25	23.31		
5	16QAM	12	0	22.26	22.37	22.39	23.7	2
5	16QAM	12	7	22.40	22.35	22.35		
5	16QAM	12	13	22.32	22.32	22.34		
5	16QAM	25	0	22.35	22.38	22.32		
5	64QAM	1	0	22.25	22.31	22.31	23.7	2
5	64QAM	1	12	22.16	22.24	22.27		
5	64QAM	1	24	22.20	22.20	22.23		
5	64QAM	12	0	21.27	21.50	21.35	22.7	3
5	64QAM	12	7	21.33	21.38	21.47		
5	64QAM	12	13	21.37	21.31	21.37		
5	64QAM	25	0	21.30	21.45	21.43		
5	256QAM	1	0	19.17	19.32	19.19	20.7	5
5	256QAM	1	12	19.26	19.21	19.26		
5	256QAM	1	24	19.18	19.18	19.15		
5	256QAM	12	0	19.37	19.50	19.33	20.7	5
5	256QAM	12	7	19.39	19.34	19.45		
5	256QAM	12	13	19.37	19.38	19.33		
5	256QAM	25	0	19.40	19.37	19.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.36	24.42	24.33	25.7	0
3	QPSK	1	8	24.31	24.40	24.12		
3	QPSK	1	14	24.39	24.36	24.29		
3	QPSK	8	0	23.42	23.46	23.32	24.7	1
3	QPSK	8	4	23.23	23.34	23.28		
3	QPSK	8	7	23.25	23.28	23.32		
3	QPSK	15	0	23.29	23.41	23.27		
3	16QAM	1	0	23.32	23.45	23.29	24.7	1
3	16QAM	1	8	23.30	23.36	23.42		
3	16QAM	1	14	23.31	23.30	23.40		
3	16QAM	8	0	22.35	22.41	22.34	23.7	2
3	16QAM	8	4	22.39	22.37	22.31		
3	16QAM	8	7	22.42	22.33	22.36		
3	16QAM	15	0	22.27	22.39	22.33		
3	64QAM	1	0	22.21	22.31	22.32	23.7	2
3	64QAM	1	8	22.11	22.19	22.27		
3	64QAM	1	14	22.13	22.25	22.21		
3	64QAM	8	0	21.37	21.46	21.33	22.7	3
3	64QAM	8	4	21.40	21.38	21.44		
3	64QAM	8	7	21.36	21.27	21.43		
3	64QAM	15	0	21.33	21.48	21.39		
3	256QAM	1	0	19.26	19.30	19.13	20.7	5
3	256QAM	1	8	19.21	19.17	19.22		
3	256QAM	1	14	19.23	19.17	19.12		
3	256QAM	8	0	19.42	19.44	19.33	20.7	5
3	256QAM	8	4	19.46	19.30	19.36		
3	256QAM	8	7	19.37	19.35	19.27		
3	256QAM	15	0	19.33	19.45	19.43		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.40	24.49	24.33	25.7	0
1.4	QPSK	1	3	24.32	24.34	24.22		
1.4	QPSK	1	5	24.33	24.34	24.20		
1.4	QPSK	3	0	24.42	24.41	24.28		
1.4	QPSK	3	1	24.34	24.40	24.16		
1.4	QPSK	3	3	24.42	24.37	24.22		
1.4	QPSK	6	0	23.23	23.41	23.33	24.7	1
1.4	16QAM	1	0	23.29	23.37	23.33	24.7	1
1.4	16QAM	1	3	23.28	23.31	23.41		
1.4	16QAM	1	5	23.35	23.26	23.40		
1.4	16QAM	3	0	23.24	23.29	23.29		
1.4	16QAM	3	1	23.27	23.37	23.23		
1.4	16QAM	3	3	23.31	23.36	23.36		
1.4	16QAM	6	0	22.29	22.45	22.30	23.7	2
1.4	64QAM	1	0	22.31	22.25	22.30	23.7	2
1.4	64QAM	1	3	22.18	22.13	22.24		
1.4	64QAM	1	5	22.13	22.14	22.27		
1.4	64QAM	3	0	22.15	22.23	22.33		
1.4	64QAM	3	1	22.13	22.18	22.22		
1.4	64QAM	3	3	22.21	22.27	22.26		
1.4	64QAM	6	0	21.32	21.45	21.40	22.7	3
1.4	256QAM	1	0	19.17	19.30	19.19	20.7	5
1.4	256QAM	1	3	19.19	19.17	19.26		
1.4	256QAM	1	5	19.15	19.22	19.14		
1.4	256QAM	3	0	19.44	19.38	19.30		
1.4	256QAM	3	1	19.46	19.33	19.43		
1.4	256QAM	3	3	19.43	19.39	19.33		
1.4	256QAM	6	0	19.43	19.42	19.39	20.7	5

Band 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.39	23.28	24.5	0
20	QPSK	1	49	23.26	23.31	23.24		
20	QPSK	1	99	23.31	23.29	23.14		
20	QPSK	50	0	22.36	22.43	22.40	23.5	1
20	QPSK	50	24	22.35	22.40	22.31		
20	QPSK	50	50	22.32	22.31	22.35		
20	QPSK	100	0	22.33	22.44	22.38		
20	16QAM	1	0	22.48	22.50	22.36	23.5	1
20	16QAM	1	49	22.43	22.39	22.46		
20	16QAM	1	99	22.45	22.38	22.43		
20	16QAM	50	0	21.34	21.44	21.36	22.5	2
20	16QAM	50	24	21.41	21.41	21.32		
20	16QAM	50	50	21.39	21.40	21.33		
20	16QAM	100	0	21.38	21.45	21.41		
20	64QAM	1	0	21.16	21.21	21.17	22.5	2
20	64QAM	1	49	21.11	21.13	21.08		
20	64QAM	1	99	21.08	21.15	21.16		
20	64QAM	50	0	20.36	20.48	20.46	21.5	3
20	64QAM	50	24	20.41	20.43	20.41		
20	64QAM	50	50	20.41	20.34	20.44		
20	64QAM	100	0	20.35	20.45	20.35		
20	256QAM	1	0	18.40	18.44	18.40	19.5	5
20	256QAM	1	49	18.31	18.39	18.39		
20	256QAM	1	99	18.38	18.33	18.34		
20	256QAM	50	0	18.40	18.47	18.36	19.5	5
20	256QAM	50	24	18.43	18.43	18.36		
20	256QAM	50	50	18.39	18.39	18.36		
20	256QAM	100	0	18.41	18.44	18.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.29	23.30	23.22	24.5	0
15	QPSK	1	37	23.20	23.26	23.21		
15	QPSK	1	74	23.18	23.23	23.11		
15	QPSK	36	0	22.22	22.37	22.36	23.5	1
15	QPSK	36	20	22.21	22.31	22.21		
15	QPSK	36	39	22.30	22.21	22.24		
15	QPSK	75	0	22.30	22.42	22.34		
15	16QAM	1	0	22.39	22.37	22.32	23.5	1
15	16QAM	1	37	22.34	22.37	22.44		
15	16QAM	1	74	22.34	22.32	22.32		
15	16QAM	36	0	21.27	21.42	21.28	22.5	2
15	16QAM	36	20	21.31	21.38	21.19		
15	16QAM	36	39	21.32	21.37	21.25		
15	16QAM	75	0	21.24	21.37	21.37		
15	64QAM	1	0	21.03	21.17	21.10	22.5	2
15	64QAM	1	37	21.03	21.02	21.00		
15	64QAM	1	74	21.06	21.11	21.11		
15	64QAM	36	0	20.27	20.46	20.39	21.5	3
15	64QAM	36	20	20.32	20.34	20.36		
15	64QAM	36	39	20.31	20.27	20.35		
15	64QAM	75	0	20.26	20.36	20.33		
15	256QAM	1	0	18.26	18.40	18.35	19.5	5
15	256QAM	1	37	18.18	18.35	18.30		
15	256QAM	1	74	18.34	18.20	18.23		
15	256QAM	36	0	18.27	18.36	18.27	19.5	5
15	256QAM	36	20	18.37	18.34	18.25		
15	256QAM	36	39	18.32	18.35	18.25		
15	256QAM	75	0	18.30	18.35	18.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.22	23.36	23.23	24.5	0
10	QPSK	1	25	23.13	23.20	23.11		
10	QPSK	1	49	23.24	23.21	23.02		
10	QPSK	25	0	22.25	22.32	22.37	23.5	1
10	QPSK	25	12	22.31	22.30	22.20		
10	QPSK	25	25	22.26	22.28	22.33		
10	QPSK	50	0	22.19	22.31	22.36		
10	16QAM	1	0	22.35	22.38	22.23	23.5	1
10	16QAM	1	25	22.39	22.28	22.39		
10	16QAM	1	49	22.32	22.24	22.34		
10	16QAM	25	0	21.23	21.30	21.24	22.5	2
10	16QAM	25	12	21.28	21.31	21.25		
10	16QAM	25	25	21.36	21.34	21.30		
10	16QAM	50	0	21.34	21.35	21.36		
10	64QAM	1	0	21.07	21.17	21.08	22.5	2
10	64QAM	1	25	21.08	21.05	21.00		
10	64QAM	1	49	21.00	21.05	21.02		
10	64QAM	25	0	20.31	20.41	20.33	21.5	3
10	64QAM	25	12	20.34	20.35	20.39		
10	64QAM	25	25	20.38	20.32	20.34		
10	64QAM	50	0	20.33	20.40	20.27		
10	256QAM	1	0	18.36	18.32	18.30	19.5	5
10	256QAM	1	25	18.25	18.33	18.28		
10	256QAM	1	49	18.27	18.20	18.28		
10	256QAM	25	0	18.26	18.39	18.33	19.5	5
10	256QAM	25	12	18.37	18.34	18.23		
10	256QAM	25	25	18.32	18.34	18.33		
10	256QAM	50	0	18.28	18.32	18.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.26	23.16	24.5	0
5	QPSK	1	12	23.16	23.22	23.14		
5	QPSK	1	24	23.19	23.27	23.08		
5	QPSK	12	0	22.29	22.31	22.38	23.5	1
5	QPSK	12	7	22.27	22.31	22.27		
5	QPSK	12	13	22.18	22.23	22.32		
5	QPSK	25	0	22.25	22.38	22.29		
5	16QAM	1	0	22.36	22.48	22.25	23.5	1
5	16QAM	1	12	22.33	22.28	22.35		
5	16QAM	1	24	22.42	22.26	22.29		
5	16QAM	12	0	21.23	21.31	21.22	22.5	2
5	16QAM	12	7	21.33	21.33	21.27		
5	16QAM	12	13	21.34	21.34	21.25		
5	16QAM	25	0	21.32	21.34	21.35		
5	64QAM	1	0	21.09	21.09	21.09	22.5	2
5	64QAM	1	12	21.00	21.07	21.00		
5	64QAM	1	24	21.05	21.04	21.09		
5	64QAM	12	0	20.29	20.34	20.37	21.5	3
5	64QAM	12	7	20.37	20.32	20.28		
5	64QAM	12	13	20.28	20.31	20.40		
5	64QAM	25	0	20.30	20.37	20.29		
5	256QAM	1	0	18.32	18.30	18.36	19.5	5
5	256QAM	1	12	18.24	18.36	18.35		
5	256QAM	1	24	18.26	18.20	18.28		
5	256QAM	12	0	18.31	18.44	18.25	19.5	5
5	256QAM	12	7	18.40	18.39	18.32		
5	256QAM	12	13	18.35	18.36	18.24		
5	256QAM	25	0	18.28	18.37	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.30	23.29	23.19	24.5	0
3	QPSK	1	8	23.21	23.21	23.16		
3	QPSK	1	14	23.26	23.22	23.00		
3	QPSK	8	0	22.26	22.41	22.26	23.5	1
3	QPSK	8	4	22.28	22.27	22.17		
3	QPSK	8	7	22.25	22.25	22.24		
3	QPSK	15	0	22.30	22.38	22.33		
3	16QAM	1	0	22.37	22.44	22.26	23.5	1
3	16QAM	1	8	22.32	22.31	22.33		
3	16QAM	1	14	22.40	22.30	22.36		
3	16QAM	8	0	21.28	21.35	21.33	22.5	2
3	16QAM	8	4	21.34	21.30	21.20		
3	16QAM	8	7	21.28	21.34	21.25		
3	16QAM	15	0	21.26	21.37	21.31		
3	64QAM	1	0	21.13	21.12	21.07	22.5	2
3	64QAM	1	8	21.00	21.07	21.00		
3	64QAM	1	14	21.00	21.09	21.10		
3	64QAM	8	0	20.30	20.36	20.36	21.5	3
3	64QAM	8	4	20.37	20.29	20.38		
3	64QAM	8	7	20.34	20.24	20.33		
3	64QAM	15	0	20.23	20.33	20.31		
3	256QAM	1	0	18.27	18.32	18.37	19.5	5
3	256QAM	1	8	18.22	18.30	18.27		
3	256QAM	1	14	18.27	18.28	18.24		
3	256QAM	8	0	18.38	18.39	18.32	19.5	5
3	256QAM	8	4	18.35	18.34	18.34		
3	256QAM	8	7	18.30	18.35	18.33		
3	256QAM	15	0	18.33	18.30	18.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.28	23.34	23.18	24.5	0
1.4	QPSK	1	3	23.20	23.24	23.14		
1.4	QPSK	1	5	23.24	23.19	23.00		
1.4	QPSK	3	0	23.21	23.35	23.21		
1.4	QPSK	3	1	23.23	23.23	23.16		
1.4	QPSK	3	3	23.26	23.19	23.06		
1.4	QPSK	6	0	22.28	22.34	22.27	23.5	1
1.4	16QAM	1	0	22.37	22.37	22.28	23.5	1
1.4	16QAM	1	3	22.32	22.25	22.32		
1.4	16QAM	1	5	22.39	22.35	22.37		
1.4	16QAM	3	0	22.38	22.41	22.27		
1.4	16QAM	3	1	22.31	22.35	22.36		
1.4	16QAM	3	3	22.34	22.26	22.37		
1.4	16QAM	6	0	21.27	21.39	21.34	22.5	2
1.4	64QAM	1	0	21.11	21.07	21.05	22.5	2
1.4	64QAM	1	3	21.07	21.05	21.00		
1.4	64QAM	1	5	21.10	21.12	21.10		
1.4	64QAM	3	0	21.22	21.37	21.30		
1.4	64QAM	3	1	21.36	21.28	21.22		
1.4	64QAM	3	3	21.37	21.26	21.30		
1.4	64QAM	6	0	20.31	20.38	20.30	21.5	3
1.4	256QAM	1	0	18.32	18.33	18.29	19.5	5
1.4	256QAM	1	3	18.21	18.25	18.27		
1.4	256QAM	1	5	18.25	18.29	18.23		
1.4	256QAM	3	0	18.36	18.41	18.25		
1.4	256QAM	3	1	18.40	18.38	18.24		
1.4	256QAM	3	3	18.30	18.32	18.27		
1.4	256QAM	6	0	18.39	18.31	18.34	19.5	5

Band 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.98	24.09	24.01	25.5	0
20	QPSK	1	49	23.88	24.06	23.94		
20	QPSK	1	99	23.87	23.98	23.89		
20	QPSK	50	0	22.96	23.10	23.02	24.5	1
20	QPSK	50	24	23.01	23.03	23.04		
20	QPSK	50	50	23.05	23.06	23.02		
20	QPSK	100	0	23.01	23.09	22.99		
20	16QAM	1	0	23.06	23.15	23.05	24.5	1
20	16QAM	1	49	23.08	23.12	23.09		
20	16QAM	1	99	23.04	23.13	23.09		
20	16QAM	50	0	21.98	22.10	22.08	23.5	2
20	16QAM	50	24	21.97	21.98	22.00		
20	16QAM	50	50	22.07	21.99	22.00		
20	16QAM	100	0	22.00	22.09	22.01		
20	64QAM	1	0	21.77	21.87	21.82	23.5	2
20	64QAM	1	49	21.81	21.75	21.85		
20	64QAM	1	99	21.79	21.83	21.75		
20	64QAM	50	0	21.10	21.12	21.04	22.5	3
20	64QAM	50	24	20.98	21.08	21.04		
20	64QAM	50	50	20.98	21.08	20.99		
20	64QAM	100	0	21.04	21.09	21.02		
20	256QAM	1	0	19.00	19.08	19.01	20.5	5
20	256QAM	1	49	18.97	19.00	18.98		
20	256QAM	1	99	19.01	18.95	19.05		
20	256QAM	50	0	19.01	19.13	19.00	20.5	5
20	256QAM	50	24	19.07	19.04	19.04		
20	256QAM	50	50	19.03	19.11	19.00		
20	256QAM	100	0	19.05	19.11	19.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.87	23.98	23.88	25.5	0
15	QPSK	1	37	23.80	24.02	23.81		
15	QPSK	1	74	23.77	23.93	23.81		
15	QPSK	36	0	22.88	23.07	22.89	24.5	1
15	QPSK	36	20	22.98	22.93	22.98		
15	QPSK	36	39	22.98	23.02	22.93		
15	QPSK	75	0	22.93	22.98	22.94		
15	16QAM	1	0	22.96	23.09	23.02	24.5	1
15	16QAM	1	37	23.02	23.04	22.95		
15	16QAM	1	74	22.92	23.10	23.06		
15	16QAM	36	0	21.88	22.03	22.00	23.5	2
15	16QAM	36	20	21.92	21.95	21.94		
15	16QAM	36	39	21.99	21.89	21.97		
15	16QAM	75	0	21.91	22.05	21.98		
15	64QAM	1	0	21.74	21.78	21.76	23.5	2
15	64QAM	1	37	21.73	21.63	21.77		
15	64QAM	1	74	21.69	21.72	21.66		
15	64QAM	36	0	21.00	21.02	20.93	22.5	3
15	64QAM	36	20	20.93	21.01	21.00		
15	64QAM	36	39	20.93	20.96	20.92		
15	64QAM	75	0	20.94	20.99	20.95		
15	256QAM	1	0	18.94	19.02	18.97	20.5	5
15	256QAM	1	37	18.85	18.97	18.93		
15	256QAM	1	74	18.96	18.89	18.92		
15	256QAM	36	0	18.97	19.06	18.94	20.5	5
15	256QAM	36	20	19.01	18.90	19.00		
15	256QAM	36	39	18.99	19.08	18.91		
15	256QAM	75	0	19.01	18.99	18.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.05	23.93	25.5	0
10	QPSK	1	25	23.83	23.96	23.91		
10	QPSK	1	49	23.84	23.89	23.78		
10	QPSK	25	0	22.90	23.06	22.89	24.5	1
10	QPSK	25	12	22.89	22.92	22.94		
10	QPSK	25	25	22.96	22.94	22.88		
10	QPSK	50	0	22.89	22.97	22.90		
10	16QAM	1	0	22.95	23.03	22.93	24.5	1
10	16QAM	1	25	23.02	23.05	22.97		
10	16QAM	1	49	22.96	23.06	23.05		
10	16QAM	25	0	21.85	22.00	21.98	23.5	2
10	16QAM	25	12	21.88	21.94	21.91		
10	16QAM	25	25	22.05	21.91	21.91		
10	16QAM	50	0	21.94	21.99	21.99		
10	64QAM	1	0	21.74	21.83	21.79	23.5	2
10	64QAM	1	25	21.71	21.64	21.75		
10	64QAM	1	49	21.70	21.77	21.69		
10	64QAM	25	0	20.98	21.10	20.96	22.5	3
10	64QAM	25	12	20.91	20.98	20.98		
10	64QAM	25	25	20.93	20.94	20.86		
10	64QAM	50	0	20.97	20.99	20.89		
10	256QAM	1	0	18.93	18.96	18.93	20.5	5
10	256QAM	1	25	18.85	18.92	18.89		
10	256QAM	1	49	18.98	18.86	18.92		
10	256QAM	25	0	18.94	19.07	18.97	20.5	5
10	256QAM	25	12	18.97	18.96	18.92		
10	256QAM	25	25	18.91	19.05	18.89		
10	256QAM	50	0	18.99	19.06	18.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.84	24.01	23.97	25.5	0
5	QPSK	1	12	23.84	24.03	23.85		
5	QPSK	1	24	23.76	23.93	23.87		
5	QPSK	12	0	22.83	23.07	22.92	24.5	1
5	QPSK	12	7	22.98	22.93	22.96		
5	QPSK	12	13	22.99	22.98	22.92		
5	QPSK	25	0	22.96	23.06	22.90		
5	16QAM	1	0	22.94	23.09	23.00	24.5	1
5	16QAM	1	12	23.00	22.99	23.04		
5	16QAM	1	24	22.99	23.02	23.04		
5	16QAM	12	0	21.90	21.99	21.95	23.5	2
5	16QAM	12	7	21.87	21.90	21.92		
5	16QAM	12	13	21.93	21.88	21.98		
5	16QAM	25	0	21.96	22.03	21.87		
5	64QAM	1	0	21.64	21.82	21.75	23.5	2
5	64QAM	1	12	21.67	21.65	21.74		
5	64QAM	1	24	21.75	21.75	21.62		
5	64QAM	12	0	21.05	21.06	20.93	22.5	3
5	64QAM	12	7	20.88	21.05	20.90		
5	64QAM	12	13	20.89	21.01	20.96		
5	64QAM	25	0	20.99	20.98	20.89		
5	256QAM	1	0	18.95	19.01	18.98	20.5	5
5	256QAM	1	12	18.92	18.94	18.88		
5	256QAM	1	24	18.94	18.90	18.97		
5	256QAM	12	0	18.88	19.06	18.96	20.5	5
5	256QAM	12	7	18.94	19.00	18.92		
5	256QAM	12	13	18.94	19.01	18.96		
5	256QAM	25	0	18.98	19.00	18.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.91	23.96	23.93	25.5	0
3	QPSK	1	8	23.82	23.98	23.81		
3	QPSK	1	14	23.79	23.95	23.78		
3	QPSK	8	0	22.85	22.99	22.99	24.5	1
3	QPSK	8	4	22.93	22.98	23.02		
3	QPSK	8	7	22.98	22.97	23.00		
3	QPSK	15	0	22.89	23.04	22.92		
3	16QAM	1	0	23.02	23.09	23.02	24.5	1
3	16QAM	1	8	23.04	23.08	23.03		
3	16QAM	1	14	23.00	23.09	23.00		
3	16QAM	8	0	21.85	21.98	21.96	23.5	2
3	16QAM	8	4	21.84	21.88	21.96		
3	16QAM	8	7	22.03	21.96	21.90		
3	16QAM	15	0	21.96	22.04	21.93		
3	64QAM	1	0	21.68	21.83	21.79	23.5	2
3	64QAM	1	8	21.68	21.64	21.82		
3	64QAM	1	14	21.74	21.77	21.73		
3	64QAM	8	0	21.06	21.08	20.91	22.5	3
3	64QAM	8	4	20.92	20.99	20.93		
3	64QAM	8	7	20.93	20.96	20.87		
3	64QAM	15	0	20.97	20.99	20.95		
3	256QAM	1	0	18.90	19.06	18.97	20.5	5
3	256QAM	1	8	18.91	18.97	18.85		
3	256QAM	1	14	18.97	18.92	19.02		
3	256QAM	8	0	18.92	19.00	18.95	20.5	5
3	256QAM	8	4	19.04	18.94	19.02		
3	256QAM	8	7	18.94	19.02	18.87		
3	256QAM	15	0	18.98	19.05	18.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.91	23.99	23.87	25.5	0
1.4	QPSK	1	3	23.83	23.94	23.84		
1.4	QPSK	1	5	23.79	23.92	23.75		
1.4	QPSK	3	0	23.88	24.06	23.95		
1.4	QPSK	3	1	23.79	23.95	23.81		
1.4	QPSK	3	3	23.80	23.89	23.83		
1.4	QPSK	6	0	22.99	23.04	22.86	24.5	1
1.4	16QAM	1	0	22.94	23.05	23.01	24.5	1
1.4	16QAM	1	3	23.06	22.98	23.03		
1.4	16QAM	1	5	23.01	23.05	22.99		
1.4	16QAM	3	0	22.93	23.01	22.93		
1.4	16QAM	3	1	23.01	23.07	22.92		
1.4	16QAM	3	3	23.03	22.99	22.99		
1.4	16QAM	6	0	21.90	22.06	21.93	23.5	2
1.4	64QAM	1	0	21.63	21.80	21.80	23.5	2
1.4	64QAM	1	3	21.72	21.64	21.78		
1.4	64QAM	1	5	21.71	21.75	21.61		
1.4	64QAM	3	0	21.86	21.98	21.88		
1.4	64QAM	3	1	21.65	21.75	21.76		
1.4	64QAM	3	3	21.77	21.72	21.77		
1.4	64QAM	6	0	20.97	20.98	20.99	22.5	3
1.4	256QAM	1	0	18.89	19.03	18.97	20.5	5
1.4	256QAM	1	3	18.85	18.97	18.93		
1.4	256QAM	1	5	18.88	18.89	18.97		
1.4	256QAM	3	0	18.98	19.01	18.92		
1.4	256QAM	3	1	18.98	18.93	19.01		
1.4	256QAM	3	3	18.99	18.98	18.87		
1.4	256QAM	6	0	19.01	19.01	18.90	20.5	5

Band 66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.00	24.10	23.97	25.5	0
20	QPSK	1	49	23.90	24.02	23.84		
20	QPSK	1	99	23.94	23.99	23.92		
20	QPSK	50	0	22.98	23.07	23.01	24.5	1
20	QPSK	50	24	22.96	22.98	22.94		
20	QPSK	50	50	22.98	22.97	23.03		
20	QPSK	100	0	22.99	23.05	23.01		
20	16QAM	1	0	22.97	23.07	23.04	24.5	1
20	16QAM	1	49	22.96	23.04	22.95		
20	16QAM	1	99	23.01	22.94	23.04		
20	16QAM	50	0	21.99	22.06	21.94	23.5	2
20	16QAM	50	24	22.04	21.95	21.93		
20	16QAM	50	50	21.99	22.00	22.03		
20	16QAM	100	0	22.03	22.05	21.96		
20	64QAM	1	0	21.81	21.93	21.83	23.5	2
20	64QAM	1	49	21.80	21.83	21.81		
20	64QAM	1	99	21.91	21.87	21.87		
20	64QAM	50	0	20.98	21.11	21.00	22.5	3
20	64QAM	50	24	20.98	21.08	20.98		
20	64QAM	50	50	21.08	21.06	21.04		
20	64QAM	100	0	20.95	21.06	20.96		
20	256QAM	1	0	18.90	18.96	18.82	20.5	5
20	256QAM	1	49	18.88	18.89	18.84		
20	256QAM	1	99	18.91	18.84	18.90		
20	256QAM	50	0	19.06	19.09	18.97	20.5	5
20	256QAM	50	24	18.96	19.06	19.03		
20	256QAM	50	50	19.01	19.03	18.97		
20	256QAM	100	0	19.02	19.06	18.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.92	24.05	23.91	25.5	0
15	QPSK	1	37	23.85	23.91	23.75		
15	QPSK	1	74	23.89	23.86	23.78		
15	QPSK	36	0	22.91	22.95	22.93	24.5	1
15	QPSK	36	20	22.83	22.95	22.80		
15	QPSK	36	39	22.88	22.89	22.91		
15	QPSK	75	0	22.87	22.94	22.98		
15	16QAM	1	0	22.89	22.94	22.93	24.5	1
15	16QAM	1	37	22.86	22.95	22.85		
15	16QAM	1	74	22.92	22.86	22.93		
15	16QAM	36	0	21.88	22.00	21.89	23.5	2
15	16QAM	36	20	21.99	21.84	21.84		
15	16QAM	36	39	21.92	21.90	21.96		
15	16QAM	75	0	21.94	21.92	21.83		
15	64QAM	1	0	21.75	21.87	21.74	23.5	2
15	64QAM	1	37	21.70	21.70	21.77		
15	64QAM	1	74	21.78	21.74	21.79		
15	64QAM	36	0	20.86	21.00	20.89	22.5	3
15	64QAM	36	20	20.95	20.99	20.91		
15	64QAM	36	39	21.04	21.00	20.98		
15	64QAM	75	0	20.86	20.97	20.84		
15	256QAM	1	0	18.81	18.84	18.76	20.5	5
15	256QAM	1	37	18.75	18.77	18.78		
15	256QAM	1	74	18.84	18.80	18.84		
15	256QAM	36	0	18.93	19.00	18.84	20.5	5
15	256QAM	36	20	18.94	19.02	18.90		
15	256QAM	36	39	18.98	18.98	18.93		
15	256QAM	75	0	18.88	19.04	18.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.89	24.07	23.90	25.5	0
10	QPSK	1	25	23.85	23.90	23.72		
10	QPSK	1	49	23.91	23.92	23.85		
10	QPSK	25	0	22.86	22.98	22.92	24.5	1
10	QPSK	25	12	22.88	22.88	22.81		
10	QPSK	25	25	22.92	22.90	22.96		
10	QPSK	50	0	22.89	22.94	22.92		
10	16QAM	1	0	22.85	23.03	22.96	24.5	1
10	16QAM	1	25	22.89	22.95	22.87		
10	16QAM	1	49	22.90	22.91	22.93		
10	16QAM	25	0	21.88	21.94	21.92	23.5	2
10	16QAM	25	12	21.96	21.88	21.80		
10	16QAM	25	25	21.88	21.95	22.00		
10	16QAM	50	0	21.92	22.01	21.82		
10	64QAM	1	0	21.75	21.88	21.70	23.5	2
10	64QAM	1	25	21.78	21.69	21.79		
10	64QAM	1	49	21.86	21.76	21.73		
10	64QAM	25	0	20.92	21.05	20.94	22.5	3
10	64QAM	25	12	20.84	21.05	20.91		
10	64QAM	25	25	21.03	20.93	20.90		
10	64QAM	50	0	20.92	20.94	20.85		
10	256QAM	1	0	18.83	18.91	18.79	20.5	5
10	256QAM	1	25	18.79	18.85	18.71		
10	256QAM	1	49	18.79	18.73	18.81		
10	256QAM	25	0	19.03	19.02	18.94	20.5	5
10	256QAM	25	12	18.89	19.03	18.93		
10	256QAM	25	25	18.95	18.90	18.91		
10	256QAM	50	0	18.99	18.94	18.86		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.96	24.00	23.86	25.5	0
5	QPSK	1	12	23.82	23.99	23.80		
5	QPSK	1	24	23.85	23.93	23.87		
5	QPSK	12	0	22.94	22.97	22.88	24.5	1
5	QPSK	12	7	22.90	22.95	22.88		
5	QPSK	12	13	22.85	22.84	23.00		
5	QPSK	25	0	22.86	22.98	22.89		
5	16QAM	1	0	22.86	22.99	22.93	24.5	1
5	16QAM	1	12	22.90	22.98	22.85		
5	16QAM	1	24	22.96	22.87	22.95		
5	16QAM	12	0	21.96	22.03	21.87	23.5	2
5	16QAM	12	7	21.98	21.86	21.79		
5	16QAM	12	13	21.92	21.98	22.00		
5	16QAM	25	0	21.99	21.94	21.91		
5	64QAM	1	0	21.75	21.83	21.79	23.5	2
5	64QAM	1	12	21.77	21.71	21.77		
5	64QAM	1	24	21.81	21.75	21.79		
5	64QAM	12	0	20.90	21.05	20.86	22.5	3
5	64QAM	12	7	20.95	21.04	20.85		
5	64QAM	12	13	21.02	21.00	20.94		
5	64QAM	25	0	20.84	21.03	20.93		
5	256QAM	1	0	18.79	18.91	18.72	20.5	5
5	256QAM	1	12	18.79	18.77	18.81		
5	256QAM	1	24	18.81	18.81	18.77		
5	256QAM	12	0	19.00	18.98	18.88	20.5	5
5	256QAM	12	7	18.92	18.95	18.92		
5	256QAM	12	13	18.94	18.98	18.83		
5	256QAM	25	0	18.97	18.98	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.90	24.01	23.83	25.5	0
3	QPSK	1	8	23.86	23.98	23.78		
3	QPSK	1	14	23.85	23.85	23.84		
3	QPSK	8	0	22.86	22.99	22.92	24.5	1
3	QPSK	8	4	22.83	22.93	22.90		
3	QPSK	8	7	22.92	22.84	23.00		
3	QPSK	15	0	22.94	23.00	22.87		
3	16QAM	1	0	22.90	23.04	22.91	24.5	1
3	16QAM	1	8	22.86	22.94	22.83		
3	16QAM	1	14	22.89	22.86	22.97		
3	16QAM	8	0	21.91	22.00	21.91	23.5	2
3	16QAM	8	4	21.96	21.87	21.89		
3	16QAM	8	7	21.91	21.89	21.99		
3	16QAM	15	0	21.98	22.01	21.87		
3	64QAM	1	0	21.73	21.90	21.79	23.5	2
3	64QAM	1	8	21.67	21.71	21.75		
3	64QAM	1	14	21.81	21.81	21.84		
3	64QAM	8	0	20.90	21.05	20.90	22.5	3
3	64QAM	8	4	20.92	20.96	20.91		
3	64QAM	8	7	21.02	20.93	20.92		
3	64QAM	15	0	20.82	20.93	20.84		
3	256QAM	1	0	18.81	18.87	18.73	20.5	5
3	256QAM	1	8	18.76	18.82	18.77		
3	256QAM	1	14	18.83	18.78	18.77		
3	256QAM	8	0	18.95	18.99	18.93	20.5	5
3	256QAM	8	4	18.94	18.99	18.95		
3	256QAM	8	7	18.95	18.94	18.92		
3	256QAM	15	0	18.89	18.95	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.95	24.03	23.85	25.5	0
1.4	QPSK	1	3	23.78	23.97	23.71		
1.4	QPSK	1	5	23.91	23.90	23.89		
1.4	QPSK	3	0	23.89	24.04	23.87		
1.4	QPSK	3	1	23.83	23.96	23.76		
1.4	QPSK	3	3	23.91	23.89	23.86		
1.4	QPSK	6	0	22.97	22.96	22.98	24.5	1
1.4	16QAM	1	0	22.88	23.03	22.97	24.5	1
1.4	16QAM	1	3	22.91	23.01	22.86		
1.4	16QAM	1	5	22.93	22.91	22.94		
1.4	16QAM	3	0	22.87	22.87	22.92		
1.4	16QAM	3	1	22.93	22.92	22.94		
1.4	16QAM	3	3	22.90	22.96	22.97		
1.4	16QAM	6	0	21.95	22.02	21.88	23.5	2
1.4	64QAM	1	0	21.74	21.88	21.75	23.5	2
1.4	64QAM	1	3	21.74	21.73	21.76		
1.4	64QAM	1	5	21.79	21.79	21.77		
1.4	64QAM	3	0	21.69	21.81	21.76		
1.4	64QAM	3	1	21.70	21.79	21.71		
1.4	64QAM	3	3	21.85	21.76	21.76		
1.4	64QAM	6	0	20.91	20.92	20.85	22.5	3
1.4	256QAM	1	0	18.80	18.85	18.77	20.5	5
1.4	256QAM	1	3	18.84	18.79	18.80		
1.4	256QAM	1	5	18.85	18.70	18.86		
1.4	256QAM	3	0	19.01	18.95	18.93		
1.4	256QAM	3	1	18.89	18.98	18.97		
1.4	256QAM	3	3	18.93	19.00	18.85		
1.4	256QAM	6	0	18.88	19.02	18.83	20.5	5

Reduced Power Mode for Other PA ECI1

Band 5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.20	25.24	25.21	25.7	0
10	QPSK	1	25	25.18	25.23	25.20		
10	QPSK	1	49	25.21	25.14	25.22		
10	QPSK	25	0	24.41	24.45	24.37	24.7	1
10	QPSK	25	12	24.29	24.35	24.24		
10	QPSK	25	25	24.31	24.35	24.27		
10	QPSK	50	0	24.18	24.25	24.12		
10	16QAM	1	0	24.17	24.29	24.30	24.7	1
10	16QAM	1	25	23.98	24.14	24.09		
10	16QAM	1	49	23.93	24.08	24.27		
10	16QAM	25	0	23.20	23.20	23.16	23.7	2
10	16QAM	25	12	23.00	23.14	23.05		
10	16QAM	25	25	23.02	23.17	23.14		
10	16QAM	50	0	23.22	23.35	23.30		
10	64QAM	1	0	23.06	23.17	23.01	23.7	2
10	64QAM	1	25	23.09	23.15	22.95		
10	64QAM	1	49	22.90	23.16	22.83		
10	64QAM	25	0	22.20	22.24	22.27	22.7	3
10	64QAM	25	12	22.15	22.28	22.14		
10	64QAM	25	25	22.13	22.22	22.23		
10	64QAM	50	0	22.24	22.29	22.29		
10	256QAM	1	0	20.08	20.26	20.04	20.7	5
10	256QAM	1	25	20.08	20.10	19.89		
10	256QAM	1	49	20.05	20.08	19.93		
10	256QAM	25	0	20.21	20.24	20.14	20.7	5
10	256QAM	25	12	20.09	20.10	20.13		
10	256QAM	25	25	20.00	20.23	20.02		
10	256QAM	50	0	20.22	20.28	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.08	25.16	25.19	25.7	0
5	QPSK	1	12	25.03	25.10	25.07		
5	QPSK	1	24	25.19	25.07	25.10		
5	QPSK	12	0	24.26	24.38	24.22	24.7	1
5	QPSK	12	7	24.16	24.23	24.15		
5	QPSK	12	13	24.23	24.22	24.21		
5	QPSK	25	0	24.06	24.11	24.06		
5	16QAM	1	0	24.00	24.11	24.19	24.7	1
5	16QAM	1	12	23.82	24.00	24.05		
5	16QAM	1	24	23.79	23.98	24.23		
5	16QAM	12	0	23.11	23.09	23.10	23.7	2
5	16QAM	12	7	22.85	23.02	22.98		
5	16QAM	12	13	22.85	23.10	23.01		
5	16QAM	25	0	23.11	23.22	23.19		
5	64QAM	1	0	22.99	23.07	22.86	23.7	2
5	64QAM	1	12	22.91	23.11	22.83		
5	64QAM	1	24	22.77	23.12	22.79		
5	64QAM	12	0	22.12	22.15	22.22	22.7	3
5	64QAM	12	7	22.13	22.15	22.03		
5	64QAM	12	13	21.99	22.04	22.08		
5	64QAM	25	0	22.14	22.14	22.24		
5	256QAM	1	0	20.04	20.10	19.99	20.7	5
5	256QAM	1	12	19.92	19.95	19.84		
5	256QAM	1	24	19.90	19.93	19.80		
5	256QAM	12	0	20.16	20.22	20.00	20.7	5
5	256QAM	12	7	19.93	20.00	20.02		
5	256QAM	12	13	19.85	20.15	19.99		
5	256QAM	25	0	20.14	20.16	20.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.02	25.09	25.13	25.7	0
3	QPSK	1	8	25.09	25.01	25.02		
3	QPSK	1	14	25.11	24.94	25.10		
3	QPSK	8	0	24.29	24.26	24.25	24.7	1
3	QPSK	8	4	24.16	24.23	24.14		
3	QPSK	8	7	24.10	24.28	24.14		
3	QPSK	15	0	23.98	24.09	23.96		
3	16QAM	1	0	24.06	24.08	24.09	24.7	1
3	16QAM	1	8	23.83	23.97	23.92		
3	16QAM	1	14	23.83	23.95	24.05		
3	16QAM	8	0	23.07	23.10	22.93	23.7	2
3	16QAM	8	4	22.79	22.97	22.91		
3	16QAM	8	7	22.87	23.04	22.96		
3	16QAM	15	0	22.99	23.27	23.23		
3	64QAM	1	0	22.95	22.99	22.91	23.7	2
3	64QAM	1	8	22.94	22.93	22.78		
3	64QAM	1	14	22.82	23.04	22.71		
3	64QAM	8	0	22.07	22.04	22.15	22.7	3
3	64QAM	8	4	21.93	22.18	22.04		
3	64QAM	8	7	21.91	22.13	22.01		
3	64QAM	15	0	22.12	22.18	22.22		
3	256QAM	1	0	19.87	20.18	19.95	20.7	5
3	256QAM	1	8	19.86	19.96	19.70		
3	256QAM	1	14	19.82	19.98	19.71		
3	256QAM	8	0	20.03	20.02	20.01	20.7	5
3	256QAM	8	4	19.96	19.90	19.97		
3	256QAM	8	7	19.87	20.11	19.82		
3	256QAM	15	0	20.09	20.10	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.98	25.04	25.09	25.7	0
1.4	QPSK	1	3	24.93	24.98	25.10		
1.4	QPSK	1	5	25.09	24.96	25.01		
1.4	QPSK	3	0	25.05	25.07	25.00		
1.4	QPSK	3	1	24.99	25.09	25.06		
1.4	QPSK	3	3	25.03	24.89	24.98		
1.4	QPSK	6	0	24.26	24.31	24.20	24.7	1
1.4	16QAM	1	0	24.18	24.18	24.01	24.7	1
1.4	16QAM	1	3	24.08	24.13	24.05		
1.4	16QAM	1	5	24.01	24.11	23.89		
1.4	16QAM	3	0	23.97	24.18	24.12		
1.4	16QAM	3	1	23.75	23.92	23.89		
1.4	16QAM	3	3	23.82	23.90	24.05		
1.4	16QAM	6	0	23.06	23.03	22.98	23.7	2
1.4	64QAM	1	0	22.85	22.90	22.92	23.7	2
1.4	64QAM	1	3	22.76	23.03	23.03		
1.4	64QAM	1	5	23.03	23.15	23.14		
1.4	64QAM	3	0	22.88	23.07	22.75		
1.4	64QAM	3	1	22.90	22.94	22.83		
1.4	64QAM	3	3	22.78	22.92	22.64		
1.4	64QAM	6	0	21.96	22.07	22.06	22.7	3
1.4	256QAM	1	0	19.97	20.04	19.79	20.7	5
1.4	256QAM	1	3	19.97	19.97	19.89		
1.4	256QAM	1	5	19.91	19.91	19.70		
1.4	256QAM	3	0	19.96	20.09	19.94		
1.4	256QAM	3	1	19.89	19.93	20.00		
1.4	256QAM	3	3	19.82	20.09	19.89		
1.4	256QAM	6	0	20.05	20.07	20.02	20.7	5

Band 5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.25	20.47	20.38		
10	QPSK	1	25	20.34	20.27	20.26	20.7	0
10	QPSK	1	49	20.21	20.23	20.20		
10	QPSK	25	0	20.20	20.34	20.15		
10	QPSK	25	12	20.09	20.14	20.13	20.7	0
10	QPSK	25	25	20.05	20.23	20.06		
10	QPSK	50	0	20.29	20.31	20.22		
10	16QAM	1	0	20.14	20.22	20.21		
10	16QAM	1	25	20.14	20.07	20.13	20.7	0
10	16QAM	1	49	20.02	20.06	20.04		
10	16QAM	25	0	20.17	20.07	20.21		
10	16QAM	25	12	20.14	20.18	20.30	20.7	0
10	16QAM	25	25	20.31	20.18	20.26		
10	16QAM	50	0	20.13	20.37	20.26		
10	64QAM	1	0	20.17	20.20	20.21		
10	64QAM	1	25	20.19	20.20	20.20	20.7	0
10	64QAM	1	49	20.24	20.29	20.24		
10	64QAM	25	0	20.27	20.28	20.22		
10	64QAM	25	12	20.09	20.22	20.19	20.7	0
10	64QAM	25	25	20.21	20.30	20.31		
10	64QAM	50	0	20.23	20.31	20.25		
10	256QAM	1	0	20.15	20.29	20.20		
10	256QAM	1	25	20.06	20.30	20.24	20.7	0
10	256QAM	1	49	20.32	20.18	20.29		
10	256QAM	25	0	20.19	20.28	20.21		
10	256QAM	25	12	20.17	20.20	20.19	20.7	0
10	256QAM	25	25	20.16	20.26	20.34		
10	256QAM	50	0	20.21	20.22	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.22	20.23	20.20		
5	QPSK	1	12	20.27	20.27	20.16	20.7	0
5	QPSK	1	24	20.09	20.16	20.18		
5	QPSK	12	0	20.09	20.16	20.09		
5	QPSK	12	7	20.02	20.14	20.07	20.7	0
5	QPSK	12	13	20.01	20.07	20.01		
5	QPSK	25	0	19.81	20.13	19.93		
5	16QAM	1	0	20.03	20.08	20.10		
5	16QAM	1	12	20.04	19.97	20.06	20.7	0
5	16QAM	1	24	19.90	19.96	20.00		
5	16QAM	12	0	20.15	20.02	20.08		
5	16QAM	12	7	20.09	20.10	20.20	20.7	0
5	16QAM	12	13	20.13	20.02	20.16		
5	16QAM	25	0	19.95	20.27	20.08		
5	64QAM	1	0	20.08	20.04	20.18		
5	64QAM	1	12	20.12	20.02	20.23	20.7	0
5	64QAM	1	24	20.11	20.16	20.09		
5	64QAM	12	0	20.12	20.19	20.01		
5	64QAM	12	7	20.05	20.12	20.08	20.7	0
5	64QAM	12	13	19.97	20.15	20.26		
5	64QAM	25	0	20.04	20.16	20.16		
5	256QAM	1	0	20.02	20.29	20.12		
5	256QAM	1	12	19.96	20.30	20.06	20.7	0
5	256QAM	1	24	20.22	20.13	20.05		
5	256QAM	12	0	20.16	20.24	20.09		
5	256QAM	12	7	19.95	20.15	20.14	20.7	0
5	256QAM	12	13	20.03	20.07	20.22		
5	256QAM	25	0	20.13	20.21	20.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.19	20.27	20.16		
3	QPSK	1	8	20.28	20.21	20.24	20.7	0
3	QPSK	1	14	20.12	20.24	20.12		
3	QPSK	8	0	19.98	20.29	20.01		
3	QPSK	8	4	20.09	20.10	19.96	20.7	0
3	QPSK	8	7	19.97	20.10	20.06		
3	QPSK	15	0	19.88	20.09	19.80		
3	16QAM	1	0	20.02	19.99	20.02		
3	16QAM	1	8	19.97	20.04	20.13	20.7	0
3	16QAM	1	14	19.93	19.99	19.99		
3	16QAM	8	0	20.13	20.09	20.12		
3	16QAM	8	4	20.07	20.03	20.16	20.7	0
3	16QAM	8	7	20.22	20.12	20.05		
3	16QAM	15	0	20.01	20.13	20.11		
3	64QAM	1	0	20.04	20.05	20.17		
3	64QAM	1	8	20.00	20.02	20.11	20.7	0
3	64QAM	1	14	20.07	20.25	20.17		
3	64QAM	8	0	20.17	20.23	20.02		
3	64QAM	8	4	19.99	20.04	20.09	20.7	0
3	64QAM	8	7	19.95	20.24	20.15		
3	64QAM	15	0	20.04	20.10	20.18		
3	256QAM	1	0	20.14	20.22	20.15		
3	256QAM	1	8	20.04	20.35	20.10	20.7	0
3	256QAM	1	14	20.14	20.17	20.10		
3	256QAM	8	0	20.02	20.15	20.20		
3	256QAM	8	4	20.01	20.21	20.09	20.7	0
3	256QAM	8	7	20.03	20.07	20.22		
3	256QAM	15	0	20.04	20.12	20.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.15	20.37	20.13		
1.4	QPSK	1	3	20.15	20.25	20.25		
1.4	QPSK	1	5	20.20	20.23	20.22	20.7	0
1.4	QPSK	3	0	20.04	20.19	20.12		
1.4	QPSK	3	1	20.05	20.10	19.98		
1.4	QPSK	3	3	19.98	20.03	19.94		
1.4	QPSK	6	0	19.87	19.98	19.86	20.7	0
1.4	16QAM	1	0	20.01	20.12	20.18		
1.4	16QAM	1	3	19.93	19.98	20.03		
1.4	16QAM	1	5	20.04	19.91	20.01	20.7	0
1.4	16QAM	3	0	20.13	20.08	20.07		
1.4	16QAM	3	1	20.12	19.99	20.22		
1.4	16QAM	3	3	20.14	20.01	20.09		
1.4	16QAM	6	0	20.02	20.20	20.19	20.7	0
1.4	64QAM	1	0	20.11	20.05	20.14		
1.4	64QAM	1	3	20.04	20.08	20.13		
1.4	64QAM	1	5	20.11	20.15	20.10	20.7	0
1.4	64QAM	3	0	20.07	20.10	20.12		
1.4	64QAM	3	1	20.09	20.13	20.09		
1.4	64QAM	3	3	20.07	20.12	20.28		
1.4	64QAM	6	0	20.14	20.22	20.18	20.7	0
1.4	256QAM	1	0	20.03	20.17	20.05		
1.4	256QAM	1	3	19.97	20.25	20.15		
1.4	256QAM	1	5	20.17	20.08	20.17	20.7	0
1.4	256QAM	3	0	20.08	20.17	20.05		
1.4	256QAM	3	1	19.99	20.12	20.19		
1.4	256QAM	3	3	20.01	20.11	20.13		
1.4	256QAM	6	0	20.08	20.16	20.09	20.7	0

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.12	18.37	18.31	19.5	0
20	QPSK	1	49	18.24	18.21	18.23		
20	QPSK	1	99	18.18	18.16	18.22		
20	QPSK	50	0	18.29	18.31	18.26	19.5	0
20	QPSK	50	24	18.06	18.02	18.10		
20	QPSK	50	50	18.07	18.03	18.03		
20	QPSK	100	0	18.21	18.29	18.05		
20	16QAM	1	0	18.01	18.00	18.11	19.5	0
20	16QAM	1	49	17.98	18.07	18.13		
20	16QAM	1	99	17.96	18.06	17.98		
20	16QAM	50	0	18.14	18.12	18.10	19.5	0
20	16QAM	50	24	18.21	18.13	18.25		
20	16QAM	50	50	18.22	18.11	18.17		
20	16QAM	100	0	18.10	18.26	18.11		
20	64QAM	1	0	18.12	18.15	18.11	19.5	0
20	64QAM	1	49	18.16	18.08	18.12		
20	64QAM	1	99	18.15	18.29	18.15		
20	64QAM	50	0	18.14	18.25	18.02	19.5	0
20	64QAM	50	24	18.08	18.13	17.98		
20	64QAM	50	50	18.08	18.28	18.27		
20	64QAM	100	0	18.12	18.19	18.12		
20	256QAM	1	0	18.06	18.16	18.07	19.5	0
20	256QAM	1	49	18.09	18.35	18.08		
20	256QAM	1	99	18.19	18.18	18.20		
20	256QAM	50	0	18.07	18.16	18.11	19.5	0
20	256QAM	50	24	18.07	18.12	18.13		
20	256QAM	50	50	18.10	18.21	18.18		
20	256QAM	100	0	18.06	18.11	18.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.16	18.19	18.16	19.5	0
15	QPSK	1	37	18.07	18.22	18.08		
15	QPSK	1	74	18.01	18.15	18.02		
15	QPSK	36	0	17.99	18.05	18.03	19.5	0
15	QPSK	36	20	17.91	18.03	17.98		
15	QPSK	36	39	17.89	18.08	17.91		
15	QPSK	75	0	17.85	18.04	17.80		
15	16QAM	1	0	17.83	17.95	18.00	19.5	0
15	16QAM	1	37	17.89	17.86	17.98		
15	16QAM	1	74	17.92	17.84	18.00		
15	16QAM	36	0	18.02	18.03	18.01	19.5	0
15	16QAM	36	20	18.02	18.01	18.07		
15	16QAM	36	39	18.14	17.93	18.10		
15	16QAM	75	0	17.88	18.19	18.14		
15	64QAM	1	0	18.05	17.98	18.00	19.5	0
15	64QAM	1	37	18.02	17.94	18.01		
15	64QAM	1	74	18.08	18.13	18.00		
15	64QAM	36	0	18.03	18.01	17.97	19.5	0
15	64QAM	36	20	18.04	17.99	17.94		
15	64QAM	36	39	17.95	18.16	18.11		
15	64QAM	75	0	17.96	18.12	18.16		
15	256QAM	1	0	17.96	18.14	17.96	19.5	0
15	256QAM	1	37	17.85	18.26	18.00		
15	256QAM	1	74	18.10	18.08	18.00		
15	256QAM	36	0	17.98	18.07	18.02	19.5	0
15	256QAM	36	20	17.94	18.13	18.12		
15	256QAM	36	39	17.91	18.03	18.01		
15	256QAM	75	0	17.99	17.98	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.03	18.20	18.16	19.5	0
10	QPSK	1	25	18.15	18.09	18.15		
10	QPSK	1	49	18.05	18.15	18.03		
10	QPSK	25	0	17.89	18.18	18.05	19.5	0
10	QPSK	25	12	17.97	18.02	17.96		
10	QPSK	25	25	17.91	18.04	17.90		
10	QPSK	50	0	17.85	17.91	17.82		
10	16QAM	1	0	17.96	17.99	18.02	19.5	0
10	16QAM	1	25	17.86	17.85	17.95		
10	16QAM	1	49	17.95	17.97	17.91		
10	16QAM	25	0	17.96	17.90	18.00	19.5	0
10	16QAM	25	12	18.07	17.93	18.02		
10	16QAM	25	25	18.05	17.99	17.97		
10	16QAM	50	0	17.99	18.05	18.01		
10	64QAM	1	0	18.01	17.97	18.02	19.5	0
10	64QAM	1	25	17.92	18.01	18.10		
10	64QAM	1	49	18.05	18.11	18.08		
10	64QAM	25	0	18.00	18.13	17.96	19.5	0
10	64QAM	25	12	18.00	18.02	17.88		
10	64QAM	25	25	17.96	18.04	18.18		
10	64QAM	50	0	18.08	18.10	18.02		
10	256QAM	1	0	18.06	18.17	17.96	19.5	0
10	256QAM	1	25	17.87	18.18	18.01		
10	256QAM	1	49	18.05	18.08	18.08		
10	256QAM	25	0	17.94	18.19	17.99	19.5	0
10	256QAM	25	12	18.00	18.06	18.09		
10	256QAM	25	25	18.04	18.07	18.01		
10	256QAM	50	0	17.98	18.13	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.12	18.27	18.11	19.5	0
5	QPSK	1	12	18.14	18.11	18.16		
5	QPSK	1	24	18.07	18.05	18.04		
5	QPSK	12	0	17.87	18.20	17.97	19.5	0
5	QPSK	12	7	18.02	17.93	17.94		
5	QPSK	12	13	17.89	18.04	17.96		
5	QPSK	25	0	17.80	17.96	17.72		
5	16QAM	1	0	17.97	17.90	18.04	19.5	0
5	16QAM	1	12	17.87	17.94	17.93		
5	16QAM	1	24	17.90	17.87	17.92		
5	16QAM	12	0	17.97	17.99	17.93	19.5	0
5	16QAM	12	7	18.10	17.91	18.17		
5	16QAM	12	13	18.13	18.02	18.01		
5	16QAM	25	0	17.98	18.07	18.00		
5	64QAM	1	0	17.93	18.06	18.07	19.5	0
5	64QAM	1	12	18.04	18.05	18.09		
5	64QAM	1	24	18.04	18.18	18.00		
5	64QAM	12	0	18.09	18.15	17.99	19.5	0
5	64QAM	12	7	17.91	17.95	17.93		
5	64QAM	12	13	17.87	18.14	18.20		
5	64QAM	25	0	18.05	18.05	18.12		
5	256QAM	1	0	17.95	18.10	17.99	19.5	0
5	256QAM	1	12	17.97	18.12	18.06		
5	256QAM	1	24	18.12	18.04	18.00		
5	256QAM	12	0	17.94	18.07	18.12	19.5	0
5	256QAM	12	7	17.84	18.00	18.07		
5	256QAM	12	13	18.01	18.01	18.09		
5	256QAM	25	0	17.92	18.08	17.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.18	18.17	19.5	0
3	QPSK	1	8	18.09	18.10	18.13		
3	QPSK	1	14	18.04	18.07	18.11		
3	QPSK	8	0	18.00	18.13	18.07	19.5	0
3	QPSK	8	4	18.06	18.02	17.99		
3	QPSK	8	7	17.98	17.95	17.86		
3	QPSK	15	0	17.87	17.92	17.81		
3	16QAM	1	0	17.92	18.05	18.04	19.5	0
3	16QAM	1	8	17.90	17.89	17.97		
3	16QAM	1	14	17.89	17.96	17.97		
3	16QAM	8	0	17.99	17.93	17.97	19.5	0
3	16QAM	8	4	18.05	17.97	18.08		
3	16QAM	8	7	18.00	18.05	18.08		
3	16QAM	15	0	17.88	18.08	17.98		
3	64QAM	1	0	17.92	18.01	18.03	19.5	0
3	64QAM	1	8	17.97	17.96	18.12		
3	64QAM	1	14	18.05	18.15	18.09		
3	64QAM	8	0	18.01	18.15	17.93	19.5	0
3	64QAM	8	4	17.94	18.05	17.89		
3	64QAM	8	7	18.02	18.05	18.07		
3	64QAM	15	0	18.06	18.03	18.01		
3	256QAM	1	0	17.93	18.20	18.00	19.5	0
3	256QAM	1	8	17.94	18.19	17.99		
3	256QAM	1	14	18.01	17.99	18.10		
3	256QAM	8	0	18.07	18.06	18.11	19.5	0
3	256QAM	8	4	17.94	18.04	18.09		
3	256QAM	8	7	17.91	18.10	18.12		
3	256QAM	15	0	18.06	18.00	17.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.02	18.30	18.11	19.5	0
1.4	QPSK	1	3	18.12	18.20	18.13		
1.4	QPSK	1	5	18.15	18.09	18.03		
1.4	QPSK	3	0	18.00	18.13	17.98		
1.4	QPSK	3	1	17.95	18.04	17.93		
1.4	QPSK	3	3	17.97	18.01	17.85		
1.4	QPSK	6	0	17.81	18.02	17.79	19.5	0
1.4	16QAM	1	0	17.98	17.92	18.03	19.5	0
1.4	16QAM	1	3	17.98	17.89	17.96		
1.4	16QAM	1	5	17.90	17.95	17.96		
1.4	16QAM	3	0	18.02	17.92	17.97		
1.4	16QAM	3	1	17.99	17.93	18.14		
1.4	16QAM	3	3	18.09	18.04	18.04		
1.4	16QAM	6	0	18.02	18.15	18.13	19.5	0
1.4	64QAM	1	0	18.08	18.01	18.13	19.5	0
1.4	64QAM	1	3	17.90	17.97	18.10		
1.4	64QAM	1	5	18.08	18.12	18.03		
1.4	64QAM	3	0	18.04	18.09	17.95		
1.4	64QAM	3	1	17.95	18.08	18.01		
1.4	64QAM	3	3	18.02	18.11	18.08		
1.4	64QAM	6	0	17.96	18.09	18.12	19.5	0
1.4	256QAM	1	0	18.01	18.11	17.96	19.5	0
1.4	256QAM	1	3	17.96	18.24	18.05		
1.4	256QAM	1	5	18.15	18.08	17.97		
1.4	256QAM	3	0	18.02	18.19	18.02		
1.4	256QAM	3	1	17.96	18.06	18.03		
1.4	256QAM	3	3	18.00	18.08	18.15		
1.4	256QAM	6	0	17.96	18.01	18.00	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.35	18.26	19.2	0
20	QPSK	1	49	18.31	18.19	18.20		
20	QPSK	1	99	18.15	18.26	18.10		
20	QPSK	50	0	18.04	18.27	18.05	19.2	0
20	QPSK	50	24	18.13	18.17	18.04		
20	QPSK	50	50	17.98	18.10	17.95		
20	QPSK	100	0	18.03	18.19	18.06		
20	16QAM	1	0	18.01	18.07	18.11	19.2	0
20	16QAM	1	49	17.99	18.01	18.04		
20	16QAM	1	99	18.05	18.01	18.05		
20	16QAM	50	0	18.05	18.02	18.04	19.2	0
20	16QAM	50	24	18.11	18.15	18.19		
20	16QAM	50	50	18.18	18.03	18.10		
20	16QAM	100	0	17.99	18.30	18.24		
20	64QAM	1	0	18.05	18.13	18.25	19.2	0
20	64QAM	1	49	18.11	18.03	18.18		
20	64QAM	1	99	18.16	18.32	18.10		
20	64QAM	50	0	18.15	18.15	18.11	19.2	0
20	64QAM	50	24	18.05	18.05	17.98		
20	64QAM	50	50	18.04	18.20	18.25		
20	64QAM	100	0	18.13	18.11	18.20		
20	256QAM	1	0	18.03	18.17	18.09	19.2	0
20	256QAM	1	49	17.95	18.28	18.16		
20	256QAM	1	99	18.19	18.14	18.09		
20	256QAM	50	0	18.10	18.17	18.09	19.2	0
20	256QAM	50	24	18.02	18.22	18.18		
20	256QAM	50	50	18.01	18.07	18.24		
20	256QAM	100	0	18.01	18.12	18.23		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.03	18.30	18.10	19.2	0
15	QPSK	1	37	18.15	18.18	18.20		
15	QPSK	1	74	18.10	18.09	18.02		
15	QPSK	36	0	17.95	18.13	18.08	19.2	0
15	QPSK	36	20	17.97	17.93	17.88		
15	QPSK	36	39	17.99	17.98	17.84		
15	QPSK	75	0	17.75	17.98	17.81		
15	16QAM	1	0	17.96	17.93	18.01	19.2	0
15	16QAM	1	37	17.93	17.99	17.99		
15	16QAM	1	74	17.86	17.96	17.87		
15	16QAM	36	0	18.06	18.00	18.01	19.2	0
15	16QAM	36	20	18.10	18.01	18.06		
15	16QAM	36	39	18.00	17.92	18.13		
15	16QAM	75	0	17.99	18.16	18.06		
15	64QAM	1	0	17.96	17.98	18.15	19.2	0
15	64QAM	1	37	17.95	17.92	18.10		
15	64QAM	1	74	18.01	18.09	18.03		
15	64QAM	36	0	17.98	18.16	17.96	19.2	0
15	64QAM	36	20	18.03	18.05	18.00		
15	64QAM	36	39	17.91	18.09	18.16		
15	64QAM	75	0	17.97	18.11	18.08		
15	256QAM	1	0	18.05	18.12	18.04	19.2	0
15	256QAM	1	37	17.94	18.22	18.03		
15	256QAM	1	74	18.15	18.10	18.02		
15	256QAM	36	0	17.99	18.14	17.98	19.2	0
15	256QAM	36	20	17.88	18.00	18.11		
15	256QAM	36	39	17.95	18.12	18.10		
15	256QAM	75	0	17.97	18.04	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.05	18.25	18.06	19.2	0
10	QPSK	1	25	18.17	18.18	18.09		
10	QPSK	1	49	18.06	18.10	18.02		
10	QPSK	25	0	17.90	18.13	17.97	19.2	0
10	QPSK	25	12	17.94	18.03	17.98		
10	QPSK	25	25	17.88	18.08	17.99		
10	QPSK	50	0	17.87	17.91	17.71		
10	16QAM	1	0	17.91	17.94	18.10	19.2	0
10	16QAM	1	25	18.01	17.97	18.04		
10	16QAM	1	49	17.94	17.85	17.96		
10	16QAM	25	0	18.10	18.03	17.92	19.2	0
10	16QAM	25	12	18.00	17.96	18.02		
10	16QAM	25	25	18.04	18.08	17.98		
10	16QAM	50	0	17.89	18.10	17.99		
10	64QAM	1	0	17.99	17.96	18.05	19.2	0
10	64QAM	1	25	17.97	17.96	18.11		
10	64QAM	1	49	17.95	18.14	18.11		
10	64QAM	25	0	17.97	18.06	18.05	19.2	0
10	64QAM	25	12	17.96	18.03	17.92		
10	64QAM	25	25	17.89	18.09	18.06		
10	64QAM	50	0	18.10	18.14	18.13		
10	256QAM	1	0	18.05	18.16	18.07	19.2	0
10	256QAM	1	25	17.90	18.15	18.02		
10	256QAM	1	49	18.04	18.07	18.09		
10	256QAM	25	0	17.96	18.07	18.05	19.2	0
10	256QAM	25	12	17.95	18.11	18.13		
10	256QAM	25	25	18.03	18.02	18.02		
10	256QAM	50	0	17.96	18.09	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.15	18.17	18.07	19.2	0
5	QPSK	1	12	18.12	18.09	18.09		
5	QPSK	1	24	18.15	18.14	17.99		
5	QPSK	12	0	17.97	18.16	17.98	19.2	0
5	QPSK	12	7	17.91	18.07	17.92		
5	QPSK	12	13	17.95	18.00	17.84		
5	QPSK	25	0	17.76	17.90	17.75		
5	16QAM	1	0	17.90	17.91	18.05	19.2	0
5	16QAM	1	12	17.94	17.96	18.03		
5	16QAM	1	24	17.93	17.95	17.94		
5	16QAM	12	0	18.06	17.91	17.91	19.2	0
5	16QAM	12	7	18.06	17.99	18.11		
5	16QAM	12	13	18.12	17.98	17.99		
5	16QAM	25	0	17.98	18.18	18.01		
5	64QAM	1	0	18.00	17.92	18.04	19.2	0
5	64QAM	1	12	17.93	18.00	18.05		
5	64QAM	1	24	17.96	18.21	18.07		
5	64QAM	12	0	18.11	18.14	17.99	19.2	0
5	64QAM	12	7	18.04	18.05	17.97		
5	64QAM	12	13	17.97	18.05	18.14		
5	64QAM	25	0	18.01	18.06	18.02		
5	256QAM	1	0	17.96	18.13	18.00	19.2	0
5	256QAM	1	12	17.96	18.16	17.96		
5	256QAM	1	24	18.05	18.00	18.06		
5	256QAM	12	0	17.98	18.19	18.08	19.2	0
5	256QAM	12	7	17.85	18.00	18.13		
5	256QAM	12	13	17.93	18.08	18.04		
5	256QAM	25	0	17.97	18.02	18.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.15	18.18	18.15	19.2	0
3	QPSK	1	8	18.14	18.17	18.09		
3	QPSK	1	14	18.01	18.18	18.04		
3	QPSK	8	0	17.88	18.14	18.08	19.2	0
3	QPSK	8	4	18.05	18.05	17.93		
3	QPSK	8	7	17.87	17.94	17.97		
3	QPSK	15	0	17.78	18.01	17.86		
3	16QAM	1	0	17.87	17.91	18.02	19.2	0
3	16QAM	1	8	17.97	17.85	18.04		
3	16QAM	1	14	17.82	17.84	17.97		
3	16QAM	8	0	18.09	17.92	17.95	19.2	0
3	16QAM	8	4	18.06	17.91	18.12		
3	16QAM	8	7	18.04	17.92	17.99		
3	16QAM	15	0	17.91	18.16	18.05		
3	64QAM	1	0	17.92	17.96	18.08	19.2	0
3	64QAM	1	8	17.96	17.93	18.14		
3	64QAM	1	14	18.03	18.13	17.99		
3	64QAM	8	0	18.03	18.07	18.07	19.2	0
3	64QAM	8	4	17.94	18.11	18.04		
3	64QAM	8	7	17.92	18.06	18.20		
3	64QAM	15	0	18.04	18.08	18.11		
3	256QAM	1	0	18.03	18.11	17.97	19.2	0
3	256QAM	1	8	17.88	18.24	17.97		
3	256QAM	1	14	18.02	18.11	17.98		
3	256QAM	8	0	18.06	18.17	18.10	19.2	0
3	256QAM	8	4	17.94	18.09	18.07		
3	256QAM	8	7	17.92	17.99	18.12		
3	256QAM	15	0	18.01	18.13	17.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.17	18.23	18.11	19.2	0
1.4	QPSK	1	3	18.18	18.21	18.06		
1.4	QPSK	1	5	18.04	18.04	18.09		
1.4	QPSK	3	0	17.94	18.12	18.05		
1.4	QPSK	3	1	17.91	18.04	17.89		
1.4	QPSK	3	3	17.92	17.93	17.88		
1.4	QPSK	6	0	17.73	17.89	17.81	19.2	0
1.4	16QAM	1	0	17.97	18.00	18.07	19.2	0
1.4	16QAM	1	3	17.89	17.83	18.03		
1.4	16QAM	1	5	17.84	17.89	17.85		
1.4	16QAM	3	0	17.94	17.98	17.93		
1.4	16QAM	3	1	18.08	18.07	18.14		
1.4	16QAM	3	3	18.12	18.06	18.12		
1.4	16QAM	6	0	17.86	18.13	18.13	19.2	0
1.4	64QAM	1	0	17.95	17.98	18.12	19.2	0
1.4	64QAM	1	3	18.02	18.01	18.05		
1.4	64QAM	1	5	18.02	18.19	18.04		
1.4	64QAM	3	0	18.08	18.01	17.97		
1.4	64QAM	3	1	18.03	18.03	18.00		
1.4	64QAM	3	3	18.01	18.06	18.18		
1.4	64QAM	6	0	18.05	18.07	18.06	19.2	0
1.4	256QAM	1	0	17.94	18.16	17.93	19.2	0
1.4	256QAM	1	3	17.91	18.23	18.05		
1.4	256QAM	1	5	18.11	18.06	18.00		
1.4	256QAM	3	0	18.04	18.12	17.99		
1.4	256QAM	3	1	17.87	17.99	18.06		
1.4	256QAM	3	3	18.03	18.04	18.02		
1.4	256QAM	6	0	17.92	18.02	17.99	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.94	18.97	18.83	19.7	0
20	QPSK	1	49	18.79	18.88	18.88		
20	QPSK	1	99	18.81	18.77	18.68		
20	QPSK	50	0	18.86	18.93	18.91	19.7	0
20	QPSK	50	24	18.68	18.64	18.61		
20	QPSK	50	50	18.55	18.65	18.67		
20	QPSK	100	0	18.55	18.87	18.53		
20	16QAM	1	0	18.55	18.63	18.77	19.7	0
20	16QAM	1	49	18.57	18.60	18.60		
20	16QAM	1	99	18.55	18.63	18.60		
20	16QAM	50	0	18.61	18.58	18.62	19.7	0
20	16QAM	50	24	18.66	18.67	18.81		
20	16QAM	50	50	18.74	18.72	18.69		
20	16QAM	100	0	18.55	18.79	18.68		
20	64QAM	1	0	18.72	18.62	18.71	19.7	0
20	64QAM	1	49	18.59	18.62	18.70		
20	64QAM	1	99	18.65	18.82	18.80		
20	64QAM	50	0	18.65	18.69	18.73	19.7	0
20	64QAM	50	24	18.62	18.65	18.67		
20	64QAM	50	50	18.62	18.86	18.88		
20	64QAM	100	0	18.66	18.78	18.70		
20	256QAM	1	0	18.62	18.88	18.66	19.7	0
20	256QAM	1	49	18.62	18.84	18.63		
20	256QAM	1	99	18.69	18.79	18.73		
20	256QAM	50	0	18.61	18.78	18.73	19.7	0
20	256QAM	50	24	18.58	18.72	18.75		
20	256QAM	50	50	18.72	18.71	18.73		
20	256QAM	100	0	18.64	18.75	18.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.72	18.78	18.70	19.7	0
15	QPSK	1	37	18.65	18.67	18.68		
15	QPSK	1	74	18.58	18.62	18.59		
15	QPSK	36	0	18.55	18.62	18.64	19.7	0
15	QPSK	36	20	18.53	18.56	18.50		
15	QPSK	36	39	18.60	18.60	18.53		
15	QPSK	75	0	18.42	18.57	18.32		
15	16QAM	1	0	18.50	18.59	18.51	19.7	0
15	16QAM	1	37	18.49	18.47	18.48		
15	16QAM	1	74	18.49	18.52	18.54		
15	16QAM	36	0	18.56	18.57	18.58	19.7	0
15	16QAM	36	20	18.62	18.62	18.72		
15	16QAM	36	39	18.60	18.54	18.66		
15	16QAM	75	0	18.52	18.63	18.67		
15	64QAM	1	0	18.61	18.51	18.63	19.7	0
15	64QAM	1	37	18.49	18.60	18.67		
15	64QAM	1	74	18.55	18.74	18.66		
15	64QAM	36	0	18.63	18.59	18.60	19.7	0
15	64QAM	36	20	18.55	18.59	18.49		
15	64QAM	36	39	18.51	18.61	18.68		
15	64QAM	75	0	18.66	18.65	18.59		
15	256QAM	1	0	18.60	18.63	18.61	19.7	0
15	256QAM	1	37	18.47	18.82	18.52		
15	256QAM	1	74	18.66	18.58	18.66		
15	256QAM	36	0	18.61	18.68	18.58	19.7	0
15	256QAM	36	20	18.49	18.64	18.55		
15	256QAM	36	39	18.59	18.54	18.63		
15	256QAM	75	0	18.50	18.63	18.63		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.62	18.84	18.69	19.7	0
10	QPSK	1	25	18.76	18.77	18.66		
10	QPSK	1	49	18.65	18.75	18.65		
10	QPSK	25	0	18.52	18.63	18.52	19.7	0
10	QPSK	25	12	18.53	18.54	18.51		
10	QPSK	25	25	18.49	18.64	18.48		
10	QPSK	50	0	18.44	18.60	18.37		
10	16QAM	1	0	18.40	18.51	18.60	19.7	0
10	16QAM	1	25	18.47	18.45	18.52		
10	16QAM	1	49	18.45	18.40	18.45		
10	16QAM	25	0	18.53	18.47	18.61	19.7	0
10	16QAM	25	12	18.54	18.56	18.59		
10	16QAM	25	25	18.65	18.62	18.58		
10	16QAM	50	0	18.48	18.75	18.59		
10	64QAM	1	0	18.63	18.54	18.62	19.7	0
10	64QAM	1	25	18.51	18.62	18.68		
10	64QAM	1	49	18.61	18.64	18.58		
10	64QAM	25	0	18.64	18.71	18.51	19.7	0
10	64QAM	25	12	18.49	18.60	18.54		
10	64QAM	25	25	18.45	18.71	18.65		
10	64QAM	50	0	18.53	18.61	18.74		
10	256QAM	1	0	18.65	18.76	18.51	19.7	0
10	256QAM	1	25	18.48	18.69	18.56		
10	256QAM	1	49	18.72	18.69	18.56		
10	256QAM	25	0	18.52	18.75	18.65	19.7	0
10	256QAM	25	12	18.48	18.69	18.69		
10	256QAM	25	25	18.59	18.59	18.58		
10	256QAM	50	0	18.58	18.63	18.63		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.72	18.79	18.64	19.7	0
5	QPSK	1	12	18.69	18.70	18.74		
5	QPSK	1	24	18.70	18.66	18.60		
5	QPSK	12	0	18.58	18.74	18.52	19.7	0
5	QPSK	12	7	18.59	18.54	18.59		
5	QPSK	12	13	18.47	18.65	18.52		
5	QPSK	25	0	18.34	18.60	18.29		
5	16QAM	1	0	18.51	18.52	18.60	19.7	0
5	16QAM	1	12	18.55	18.41	18.53		
5	16QAM	1	24	18.49	18.42	18.44		
5	16QAM	12	0	18.55	18.56	18.55	19.7	0
5	16QAM	12	7	18.61	18.58	18.60		
5	16QAM	12	13	18.71	18.59	18.56		
5	16QAM	25	0	18.56	18.68	18.58		
5	64QAM	1	0	18.55	18.50	18.61	19.7	0
5	64QAM	1	12	18.51	18.51	18.69		
5	64QAM	1	24	18.62	18.67	18.64		
5	64QAM	12	0	18.69	18.72	18.57	19.7	0
5	64QAM	12	7	18.53	18.55	18.58		
5	64QAM	12	13	18.56	18.61	18.71		
5	64QAM	25	0	18.60	18.70	18.68		
5	256QAM	1	0	18.59	18.76	18.50	19.7	0
5	256QAM	1	12	18.42	18.81	18.63		
5	256QAM	1	24	18.58	18.68	18.65		
5	256QAM	12	0	18.58	18.73	18.61	19.7	0
5	256QAM	12	7	18.43	18.61	18.57		
5	256QAM	12	13	18.52	18.61	18.69		
5	256QAM	25	0	18.60	18.62	18.64		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.61	18.75	18.67	19.7	0
3	QPSK	1	8	18.72	18.75	18.75		
3	QPSK	1	14	18.64	18.72	18.67		
3	QPSK	8	0	18.49	18.65	18.59	19.7	0
3	QPSK	8	4	18.57	18.64	18.49		
3	QPSK	8	7	18.53	18.55	18.55		
3	QPSK	15	0	18.41	18.60	18.33		
3	16QAM	1	0	18.55	18.57	18.53	19.7	0
3	16QAM	1	8	18.54	18.40	18.56		
3	16QAM	1	14	18.41	18.54	18.46		
3	16QAM	8	0	18.57	18.47	18.58	19.7	0
3	16QAM	8	4	18.65	18.53	18.61		
3	16QAM	8	7	18.62	18.56	18.64		
3	16QAM	15	0	18.50	18.71	18.68		
3	64QAM	1	0	18.53	18.62	18.62	19.7	0
3	64QAM	1	8	18.60	18.52	18.69		
3	64QAM	1	14	18.58	18.64	18.59		
3	64QAM	8	0	18.56	18.63	18.60	19.7	0
3	64QAM	8	4	18.51	18.66	18.58		
3	64QAM	8	7	18.56	18.71	18.64		
3	64QAM	15	0	18.60	18.58	18.66		
3	256QAM	1	0	18.53	18.76	18.54	19.7	0
3	256QAM	1	8	18.45	18.78	18.55		
3	256QAM	1	14	18.72	18.62	18.55		
3	256QAM	8	0	18.56	18.70	18.59	19.7	0
3	256QAM	8	4	18.50	18.70	18.64		
3	256QAM	8	7	18.55	18.55	18.60		
3	256QAM	15	0	18.60	18.56	18.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.65	18.73	18.74	19.7	0
1.4	QPSK	1	3	18.68	18.75	18.70		
1.4	QPSK	1	5	18.69	18.63	18.62		
1.4	QPSK	3	0	18.50	18.62	18.55		
1.4	QPSK	3	1	18.55	18.60	18.48		
1.4	QPSK	3	3	18.57	18.64	18.51		
1.4	QPSK	6	0	18.30	18.58	18.32	19.7	0
1.4	16QAM	1	0	18.48	18.60	18.61	19.7	0
1.4	16QAM	1	3	18.54	18.49	18.48		
1.4	16QAM	1	5	18.52	18.53	18.52		
1.4	16QAM	3	0	18.52	18.46	18.48		
1.4	16QAM	3	1	18.63	18.49	18.66		
1.4	16QAM	3	3	18.59	18.65	18.68		
1.4	16QAM	6	0	18.49	18.75	18.66	19.7	0
1.4	64QAM	1	0	18.64	18.56	18.59	19.7	0
1.4	64QAM	1	3	18.54	18.56	18.67		
1.4	64QAM	1	5	18.57	18.64	18.69		
1.4	64QAM	3	0	18.65	18.68	18.52		
1.4	64QAM	3	1	18.47	18.63	18.57		
1.4	64QAM	3	3	18.51	18.67	18.64		
1.4	64QAM	6	0	18.53	18.69	18.69	19.7	0
1.4	256QAM	1	0	18.64	18.69	18.53	19.7	0
1.4	256QAM	1	3	18.53	18.78	18.55		
1.4	256QAM	1	5	18.72	18.57	18.65		
1.4	256QAM	3	0	18.61	18.66	18.54		
1.4	256QAM	3	1	18.45	18.57	18.63		
1.4	256QAM	3	3	18.50	18.64	18.64		
1.4	256QAM	6	0	18.51	18.64	18.65	19.7	0

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.23	16.33	16.28	17.7	0
20	QPSK	1	49	16.30	16.24	16.24		
20	QPSK	1	99	16.17	16.25	16.12		
20	QPSK	50	0	16.16	16.28	16.24	17.7	0
20	QPSK	50	24	16.14	16.09	16.12		
20	QPSK	50	50	15.98	16.14	16.05		
20	QPSK	100	0	15.84	16.22	15.97		
20	16QAM	1	0	15.99	16.14	16.19	17.7	0
20	16QAM	1	49	16.07	15.94	16.04		
20	16QAM	1	99	15.98	15.97	16.07		
20	16QAM	50	0	16.04	16.06	16.08	17.7	0
20	16QAM	50	24	16.20	16.03	16.18		
20	16QAM	50	50	16.17	16.18	16.17		
20	16QAM	100	0	16.11	16.17	16.13		
20	64QAM	1	0	16.13	16.09	16.25	17.7	0
20	64QAM	1	49	16.03	16.03	16.13		
20	64QAM	1	99	16.07	16.28	16.20		
20	64QAM	50	0	16.14	16.23	16.03	17.7	0
20	64QAM	50	24	16.03	16.17	16.00		
20	64QAM	50	50	16.12	16.14	16.25		
20	64QAM	100	0	16.10	16.10	16.12		
20	256QAM	1	0	16.06	16.25	16.07	17.7	0
20	256QAM	1	49	16.02	16.30	16.09		
20	256QAM	1	99	16.14	16.16	16.20		
20	256QAM	50	0	16.16	16.23	16.15	17.7	0
20	256QAM	50	24	16.09	16.17	16.09		
20	256QAM	50	50	16.12	16.21	16.13		
20	256QAM	100	0	16.14	16.16	16.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.12	16.16	16.08	17.7	0
15	QPSK	1	37	16.10	16.11	16.18		
15	QPSK	1	74	16.10	16.13	16.11		
15	QPSK	36	0	16.02	16.10	16.04	17.7	0
15	QPSK	36	20	15.96	16.05	15.95		
15	QPSK	36	39	15.95	15.98	15.86		
15	QPSK	75	0	15.84	15.92	15.73		
15	16QAM	1	0	15.85	15.90	16.07	17.7	0
15	16QAM	1	37	15.88	15.87	15.95		
15	16QAM	1	74	15.96	15.85	15.93		
15	16QAM	36	0	15.96	15.99	16.04	17.7	0
15	16QAM	36	20	16.10	16.01	16.09		
15	16QAM	36	39	16.12	16.02	16.11		
15	16QAM	75	0	15.90	16.10	16.07		
15	64QAM	1	0	15.97	15.94	16.12	17.7	0
15	64QAM	1	37	15.96	16.04	16.13		
15	64QAM	1	74	16.06	16.13	15.97		
15	64QAM	36	0	16.02	16.06	16.05	17.7	0
15	64QAM	36	20	15.92	16.05	15.94		
15	64QAM	36	39	16.02	16.10	16.12		
15	64QAM	75	0	16.05	16.10	16.13		
15	256QAM	1	0	15.97	16.18	16.00	17.7	0
15	256QAM	1	37	15.88	16.21	15.99		
15	256QAM	1	74	16.01	16.05	16.04		
15	256QAM	36	0	16.06	16.16	15.99	17.7	0
15	256QAM	36	20	15.96	16.00	16.04		
15	256QAM	36	39	16.00	16.08	16.04		
15	256QAM	75	0	15.92	16.13	16.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.09	16.29	16.18	17.7	0
10	QPSK	1	25	16.11	16.20	16.19		
10	QPSK	1	49	16.11	16.07	16.12		
10	QPSK	25	0	15.89	16.17	16.08	17.7	0
10	QPSK	25	12	15.93	16.03	15.96		
10	QPSK	25	25	15.98	15.99	15.85		
10	QPSK	50	0	15.84	15.99	15.73		
10	16QAM	1	0	15.96	16.04	16.01	17.7	0
10	16QAM	1	25	15.94	15.93	15.92		
10	16QAM	1	49	15.90	15.85	15.92		
10	16QAM	25	0	16.10	15.93	16.04	17.7	0
10	16QAM	25	12	16.07	15.93	16.10		
10	16QAM	25	25	16.03	16.07	16.09		
10	16QAM	50	0	16.00	16.19	16.12		
10	64QAM	1	0	16.03	16.03	16.03	17.7	0
10	64QAM	1	25	15.99	15.96	16.09		
10	64QAM	1	49	15.99	16.08	16.02		
10	64QAM	25	0	16.06	16.11	16.02	17.7	0
10	64QAM	25	12	15.94	16.08	15.94		
10	64QAM	25	25	15.97	16.05	16.14		
10	64QAM	50	0	16.06	16.03	16.06		
10	256QAM	1	0	16.06	16.07	15.93	17.7	0
10	256QAM	1	25	15.91	16.14	16.04		
10	256QAM	1	49	16.07	16.00	16.07		
10	256QAM	25	0	15.96	16.08	15.99	17.7	0
10	256QAM	25	12	15.93	16.09	16.08		
10	256QAM	25	25	16.00	15.98	16.09		
10	256QAM	50	0	15.95	16.11	16.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.03	16.25	16.08	17.7	0
5	QPSK	1	12	16.21	16.21	16.12		
5	QPSK	1	24	16.10	16.18	16.06		
5	QPSK	12	0	15.98	16.10	16.05	17.7	0
5	QPSK	12	7	15.92	16.08	15.99		
5	QPSK	12	13	15.91	16.02	15.93		
5	QPSK	25	0	15.76	16.02	15.84		
5	16QAM	1	0	15.91	16.00	15.98	17.7	0
5	16QAM	1	12	15.88	15.91	16.00		
5	16QAM	1	24	15.90	15.88	15.86		
5	16QAM	12	0	15.99	15.89	15.91	17.7	0
5	16QAM	12	7	16.03	16.01	16.15		
5	16QAM	12	13	16.08	16.08	16.02		
5	16QAM	25	0	15.98	16.11	16.13		
5	64QAM	1	0	15.93	15.94	16.06	17.7	0
5	64QAM	1	12	15.92	16.00	16.10		
5	64QAM	1	24	16.03	16.08	16.04		
5	64QAM	12	0	16.02	16.10	16.02	17.7	0
5	64QAM	12	7	15.95	16.03	15.88		
5	64QAM	12	13	15.94	16.14	16.06		
5	64QAM	25	0	16.06	16.06	16.10		
5	256QAM	1	0	16.05	16.11	16.09	17.7	0
5	256QAM	1	12	15.98	16.18	16.00		
5	256QAM	1	24	16.13	16.08	15.96		
5	256QAM	12	0	16.05	16.18	16.08	17.7	0
5	256QAM	12	7	15.98	16.00	16.06		
5	256QAM	12	13	15.95	15.97	16.15		
5	256QAM	25	0	15.95	16.03	16.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.04	16.27	16.18	17.7	0
3	QPSK	1	8	16.11	16.12	16.21		
3	QPSK	1	14	16.13	16.13	16.08		
3	QPSK	8	0	15.92	16.19	16.01	17.7	0
3	QPSK	8	4	16.03	16.06	15.93		
3	QPSK	8	7	15.92	16.05	15.99		
3	QPSK	15	0	15.78	15.90	15.78		
3	16QAM	1	0	15.84	15.95	16.05	17.7	0
3	16QAM	1	8	15.89	15.95	16.02		
3	16QAM	1	14	15.97	15.90	15.98		
3	16QAM	8	0	16.08	16.00	15.96	17.7	0
3	16QAM	8	4	15.98	16.03	16.17		
3	16QAM	8	7	15.99	16.04	16.08		
3	16QAM	15	0	15.88	16.19	16.11		
3	64QAM	1	0	16.04	16.00	16.14	17.7	0
3	64QAM	1	8	15.94	16.03	16.13		
3	64QAM	1	14	15.94	16.07	16.10		
3	64QAM	8	0	16.12	16.14	16.00	17.7	0
3	64QAM	8	4	16.03	15.98	15.89		
3	64QAM	8	7	15.88	16.16	16.14		
3	64QAM	15	0	15.97	16.00	16.03		
3	256QAM	1	0	16.04	16.15	16.02	17.7	0
3	256QAM	1	8	15.87	16.25	16.02		
3	256QAM	1	14	16.13	16.06	15.99		
3	256QAM	8	0	16.06	16.19	16.00	17.7	0
3	256QAM	8	4	15.99	16.05	16.13		
3	256QAM	8	7	16.01	15.97	16.14		
3	256QAM	15	0	15.94	15.98	16.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.06	16.23	16.17	17.7	0
1.4	QPSK	1	3	16.21	16.09	16.10		
1.4	QPSK	1	5	16.04	16.18	16.01		
1.4	QPSK	3	0	16.03	16.13	16.03		
1.4	QPSK	3	1	15.97	15.95	15.98		
1.4	QPSK	3	3	16.00	16.04	15.98		
1.4	QPSK	6	0	15.79	15.94	15.82	17.7	0
1.4	16QAM	1	0	15.84	15.97	16.01	17.7	0
1.4	16QAM	1	3	15.91	15.96	15.92		
1.4	16QAM	1	5	15.90	15.81	16.00		
1.4	16QAM	3	0	15.97	15.97	15.92		
1.4	16QAM	3	1	16.12	16.04	16.13		
1.4	16QAM	3	3	16.02	16.06	16.01		
1.4	16QAM	6	0	15.94	16.04	16.09	17.7	0
1.4	64QAM	1	0	16.08	16.06	16.01	17.7	0
1.4	64QAM	1	3	15.92	16.04	16.15		
1.4	64QAM	1	5	16.01	16.21	16.08		
1.4	64QAM	3	0	16.11	16.03	15.98		
1.4	64QAM	3	1	15.98	16.04	15.93		
1.4	64QAM	3	3	15.93	16.11	16.20		
1.4	64QAM	6	0	16.03	16.13	16.12	17.7	0
1.4	256QAM	1	0	15.96	16.09	15.99	17.7	0
1.4	256QAM	1	3	15.94	16.17	16.04		
1.4	256QAM	1	5	16.10	16.07	16.08		
1.4	256QAM	3	0	15.96	16.17	16.11		
1.4	256QAM	3	1	15.89	16.10	16.00		
1.4	256QAM	3	3	15.92	15.98	16.01		
1.4	256QAM	6	0	16.04	16.01	16.11	17.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.23	17.36	17.27	18.2	0
20	QPSK	1	49	17.27	17.26	17.28		
20	QPSK	1	99	17.20	17.28	17.10		
20	QPSK	50	0	17.19	17.30	17.25	18.2	0
20	QPSK	50	24	17.06	17.07	17.00		
20	QPSK	50	50	17.06	17.06	17.04		
20	QPSK	100	0	17.09	17.24	17.13		
20	16QAM	1	0	17.04	17.14	17.13	18.2	0
20	16QAM	1	49	16.99	16.99	17.08		
20	16QAM	1	99	17.05	17.07	17.03		
20	16QAM	50	0	17.21	17.16	17.13	18.2	0
20	16QAM	50	24	17.08	17.09	17.28		
20	16QAM	50	50	17.15	17.10	17.23		
20	16QAM	100	0	17.09	17.19	17.22		
20	64QAM	1	0	17.05	17.11	17.19	18.2	0
20	64QAM	1	49	17.06	17.11	17.26		
20	64QAM	1	99	17.19	17.27	17.23		
20	64QAM	50	0	17.16	17.24	17.08	18.2	0
20	64QAM	50	24	17.10	17.18	17.01		
20	64QAM	50	50	17.14	17.23	17.33		
20	64QAM	100	0	17.07	17.27	17.13		
20	256QAM	1	0	17.09	17.20	17.07	18.2	0
20	256QAM	1	49	17.01	17.35	17.13		
20	256QAM	1	99	17.14	17.14	17.21		
20	256QAM	50	0	17.08	17.21	17.19	18.2	0
20	256QAM	50	24	16.96	17.12	17.16		
20	256QAM	50	50	17.18	17.22	17.13		
20	256QAM	100	0	17.16	17.16	17.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.14	17.30	17.23	18.2	0
15	QPSK	1	37	17.10	17.25	17.11		
15	QPSK	1	74	17.14	17.18	17.05		
15	QPSK	36	0	16.95	17.14	17.03	18.2	0
15	QPSK	36	20	16.97	17.01	16.92		
15	QPSK	36	39	16.93	17.07	16.87		
15	QPSK	75	0	16.90	17.07	16.75		
15	16QAM	1	0	16.88	16.94	17.02	18.2	0
15	16QAM	1	37	16.94	16.86	17.02		
15	16QAM	1	74	16.97	16.98	16.98		
15	16QAM	36	0	16.96	17.03	16.99	18.2	0
15	16QAM	36	20	17.13	17.02	17.18		
15	16QAM	36	39	17.15	17.10	17.06		
15	16QAM	75	0	16.96	17.18	17.02		
15	64QAM	1	0	17.01	17.08	17.16	18.2	0
15	64QAM	1	37	16.96	16.99	17.03		
15	64QAM	1	74	17.03	17.16	17.13		
15	64QAM	36	0	17.06	17.12	17.08	18.2	0
15	64QAM	36	20	17.05	17.01	17.02		
15	64QAM	36	39	17.02	17.14	17.08		
15	64QAM	75	0	17.10	17.14	17.06		
15	256QAM	1	0	16.96	17.14	17.04	18.2	0
15	256QAM	1	37	16.90	17.26	17.07		
15	256QAM	1	74	17.05	17.12	17.13		
15	256QAM	36	0	17.06	17.11	17.00	18.2	0
15	256QAM	36	20	16.96	17.11	17.14		
15	256QAM	36	39	17.04	16.99	17.11		
15	256QAM	75	0	17.05	17.13	17.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.09	17.27	17.12	18.2	0
10	QPSK	1	25	17.14	17.22	17.08		
10	QPSK	1	49	17.16	17.08	17.09		
10	QPSK	25	0	16.99	17.12	17.01	18.2	0
10	QPSK	25	12	16.92	17.04	16.93		
10	QPSK	25	25	16.93	17.06	16.99		
10	QPSK	50	0	16.89	17.07	16.85		
10	16QAM	1	0	16.95	16.96	17.10	18.2	0
10	16QAM	1	25	16.90	16.99	17.05		
10	16QAM	1	49	16.95	16.84	16.93		
10	16QAM	25	0	17.00	17.00	17.01	18.2	0
10	16QAM	25	12	17.11	17.07	17.19		
10	16QAM	25	25	17.02	17.04	17.12		
10	16QAM	50	0	16.99	17.16	17.14		
10	64QAM	1	0	17.06	16.99	17.12	18.2	0
10	64QAM	1	25	16.93	17.05	17.03		
10	64QAM	1	49	17.10	17.10	17.09		
10	64QAM	25	0	17.04	17.08	17.09	18.2	0
10	64QAM	25	12	17.02	17.09	16.95		
10	64QAM	25	25	16.91	17.07	17.15		
10	64QAM	50	0	17.03	17.08	17.15		
10	256QAM	1	0	16.98	17.12	16.98	18.2	0
10	256QAM	1	25	17.00	17.15	17.00		
10	256QAM	1	49	17.12	17.01	17.06		
10	256QAM	25	0	17.02	17.13	17.03	18.2	0
10	256QAM	25	12	17.00	17.12	17.01		
10	256QAM	25	25	17.04	17.10	17.11		
10	256QAM	50	0	16.94	17.15	17.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.03	17.18	17.23	18.2	0
5	QPSK	1	12	17.14	17.26	17.09		
5	QPSK	1	24	17.15	17.14	17.14		
5	QPSK	12	0	16.99	17.20	17.06	18.2	0
5	QPSK	12	7	17.07	16.98	16.99		
5	QPSK	12	13	16.95	17.05	16.99		
5	QPSK	25	0	16.81	17.01	16.80		
5	16QAM	1	0	16.85	16.99	16.97	18.2	0
5	16QAM	1	12	16.98	17.01	17.05		
5	16QAM	1	24	16.91	16.97	16.97		
5	16QAM	12	0	17.05	16.94	16.92	18.2	0
5	16QAM	12	7	17.03	17.05	17.10		
5	16QAM	12	13	17.02	17.04	16.99		
5	16QAM	25	0	16.91	17.17	17.00		
5	64QAM	1	0	17.08	16.98	17.02	18.2	0
5	64QAM	1	12	16.99	16.97	17.04		
5	64QAM	1	24	17.09	17.19	17.04		
5	64QAM	12	0	17.06	17.07	17.08	18.2	0
5	64QAM	12	7	17.00	17.07	16.98		
5	64QAM	12	13	16.92	17.08	17.14		
5	64QAM	25	0	17.09	17.16	17.05		
5	256QAM	1	0	17.04	17.21	17.01	18.2	0
5	256QAM	1	12	16.97	17.18	16.95		
5	256QAM	1	24	17.04	17.11	16.99		
5	256QAM	12	0	17.05	17.21	17.01	18.2	0
5	256QAM	12	7	16.98	17.13	17.08		
5	256QAM	12	13	17.02	17.05	17.09		
5	256QAM	25	0	16.94	17.03	17.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.27	17.11	18.2	0
3	QPSK	1	8	17.16	17.18	17.15		
3	QPSK	1	14	17.05	17.11	17.09		
3	QPSK	8	0	16.96	17.15	16.97	18.2	0
3	QPSK	8	4	17.01	17.02	16.96		
3	QPSK	8	7	16.89	17.11	17.01		
3	QPSK	15	0	16.89	17.04	16.75		
3	16QAM	1	0	16.99	17.06	17.05	18.2	0
3	16QAM	1	8	16.96	16.98	17.05		
3	16QAM	1	14	16.87	16.99	16.91		
3	16QAM	8	0	17.06	17.03	17.01	18.2	0
3	16QAM	8	4	17.07	16.93	17.14		
3	16QAM	8	7	17.13	17.06	17.09		
3	16QAM	15	0	17.03	17.12	17.07		
3	64QAM	1	0	17.00	16.96	17.08	18.2	0
3	64QAM	1	8	17.00	17.02	17.11		
3	64QAM	1	14	17.07	17.15	17.08		
3	64QAM	8	0	17.06	17.02	17.09	18.2	0
3	64QAM	8	4	16.93	16.99	16.93		
3	64QAM	8	7	16.90	17.12	17.10		
3	64QAM	15	0	17.03	17.06	17.11		
3	256QAM	1	0	16.97	17.09	17.01	18.2	0
3	256QAM	1	8	16.91	17.22	17.04		
3	256QAM	1	14	17.03	17.10	17.04		
3	256QAM	8	0	17.03	17.12	17.06	18.2	0
3	256QAM	8	4	16.87	17.15	17.03		
3	256QAM	8	7	17.08	17.00	17.04		
3	256QAM	15	0	16.95	17.09	17.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.09	17.20	17.16	18.2	0
1.4	QPSK	1	3	17.23	17.26	17.15		
1.4	QPSK	1	5	17.04	17.08	17.07		
1.4	QPSK	3	0	16.94	17.22	17.04		
1.4	QPSK	3	1	16.93	16.96	16.89		
1.4	QPSK	3	3	17.03	16.98	17.01		
1.4	QPSK	6	0	16.85	17.07	16.77	18.2	0
1.4	16QAM	1	0	16.89	17.05	17.11	18.2	0
1.4	16QAM	1	3	16.92	16.96	16.95		
1.4	16QAM	1	5	16.86	16.94	16.95		
1.4	16QAM	3	0	17.08	16.99	17.06		
1.4	16QAM	3	1	17.04	16.94	17.15		
1.4	16QAM	3	3	17.02	17.10	17.12		
1.4	16QAM	6	0	16.99	17.15	17.08	18.2	0
1.4	64QAM	1	0	16.96	17.02	17.18	18.2	0
1.4	64QAM	1	3	16.98	17.04	17.07		
1.4	64QAM	1	5	17.10	17.21	17.13		
1.4	64QAM	3	0	17.06	17.09	17.02		
1.4	64QAM	3	1	17.00	16.99	16.99		
1.4	64QAM	3	3	17.00	17.07	17.15		
1.4	64QAM	6	0	17.11	17.07	17.12	18.2	0
1.4	256QAM	1	0	16.95	17.22	17.04	18.2	0
1.4	256QAM	1	3	16.88	17.22	17.07		
1.4	256QAM	1	5	17.04	17.01	16.99		
1.4	256QAM	3	0	16.99	17.21	17.00		
1.4	256QAM	3	1	16.90	17.00	17.07		
1.4	256QAM	3	3	17.01	16.99	17.05		
1.4	256QAM	6	0	16.96	17.15	17.11	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.75	16.95	16.87	17.7	0
20	QPSK	1	49	16.85	16.79	16.79		
20	QPSK	1	99	16.66	16.72	16.70		
20	QPSK	50	0	16.85	16.91	16.83	17.7	0
20	QPSK	50	24	16.58	16.69	16.57		
20	QPSK	50	50	16.64	16.72	16.60		
20	QPSK	100	0	16.83	16.87	16.85		
20	16QAM	1	0	16.48	16.62	16.63	17.7	0
20	16QAM	1	49	16.54	16.57	16.63		
20	16QAM	1	99	16.49	16.54	16.51		
20	16QAM	50	0	16.74	16.56	16.64	17.7	0
20	16QAM	50	24	16.76	16.70	16.68		
20	16QAM	50	50	16.73	16.63	16.71		
20	16QAM	100	0	16.53	16.71	16.69		
20	64QAM	1	0	16.59	16.62	16.73	17.7	0
20	64QAM	1	49	16.62	16.67	16.78		
20	64QAM	1	99	16.72	16.77	16.73		
20	64QAM	50	0	16.64	16.67	16.61	17.7	0
20	64QAM	50	24	16.58	16.69	16.54		
20	64QAM	50	50	16.62	16.81	16.83		
20	64QAM	100	0	16.63	16.77	16.81		
20	256QAM	1	0	16.69	16.70	16.58	17.7	0
20	256QAM	1	49	16.53	16.80	16.67		
20	256QAM	1	99	16.66	16.77	16.63		
20	256QAM	50	0	16.59	16.76	16.71	17.7	0
20	256QAM	50	24	16.52	16.72	16.67		
20	256QAM	50	50	16.61	16.68	16.69		
20	256QAM	100	0	16.65	16.66	16.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.60	16.80	16.64	17.7	0
15	QPSK	1	37	16.69	16.68	16.70		
15	QPSK	1	74	16.61	16.68	16.56		
15	QPSK	36	0	16.51	16.70	16.57	17.7	0
15	QPSK	36	20	16.53	16.51	16.52		
15	QPSK	36	39	16.47	16.55	16.52		
15	QPSK	75	0	16.33	16.57	16.34		
15	16QAM	1	0	16.53	16.59	16.62	17.7	0
15	16QAM	1	37	16.51	16.54	16.60		
15	16QAM	1	74	16.45	16.47	16.47		
15	16QAM	36	0	16.57	16.47	16.51	17.7	0
15	16QAM	36	20	16.59	16.58	16.65		
15	16QAM	36	39	16.65	16.62	16.55		
15	16QAM	75	0	16.52	16.60	16.64		
15	64QAM	1	0	16.61	16.49	16.55	17.7	0
15	64QAM	1	37	16.53	16.57	16.65		
15	64QAM	1	74	16.50	16.70	16.61		
15	64QAM	36	0	16.60	16.59	16.48	17.7	0
15	64QAM	36	20	16.59	16.62	16.47		
15	64QAM	36	39	16.45	16.59	16.71		
15	64QAM	75	0	16.55	16.60	16.64		
15	256QAM	1	0	16.51	16.69	16.62	17.7	0
15	256QAM	1	37	16.48	16.80	16.50		
15	256QAM	1	74	16.70	16.58	16.53		
15	256QAM	36	0	16.52	16.63	16.61	17.7	0
15	256QAM	36	20	16.39	16.67	16.58		
15	256QAM	36	39	16.54	16.65	16.59		
15	256QAM	75	0	16.54	16.66	16.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.84	16.71	17.7	0
10	QPSK	1	25	16.61	16.67	16.74		
10	QPSK	1	49	16.67	16.73	16.57		
10	QPSK	25	0	16.51	16.72	16.56	17.7	0
10	QPSK	25	12	16.50	16.62	16.50		
10	QPSK	25	25	16.48	16.51	16.55		
10	QPSK	50	0	16.31	16.50	16.27		
10	16QAM	1	0	16.52	16.48	16.59	17.7	0
10	16QAM	1	25	16.55	16.50	16.50		
10	16QAM	1	49	16.44	16.36	16.41		
10	16QAM	25	0	16.52	16.53	16.51	17.7	0
10	16QAM	25	12	16.66	16.58	16.62		
10	16QAM	25	25	16.65	16.48	16.66		
10	16QAM	50	0	16.46	16.60	16.59		
10	64QAM	1	0	16.49	16.62	16.71	17.7	0
10	64QAM	1	25	16.54	16.55	16.60		
10	64QAM	1	49	16.62	16.62	16.62		
10	64QAM	25	0	16.63	16.55	16.52	17.7	0
10	64QAM	25	12	16.55	16.62	16.52		
10	64QAM	25	25	16.47	16.66	16.62		
10	64QAM	50	0	16.65	16.64	16.61		
10	256QAM	1	0	16.54	16.71	16.57	17.7	0
10	256QAM	1	25	16.54	16.76	16.60		
10	256QAM	1	49	16.63	16.57	16.65		
10	256QAM	25	0	16.62	16.60	16.56	17.7	0
10	256QAM	25	12	16.40	16.69	16.60		
10	256QAM	25	25	16.56	16.55	16.61		
10	256QAM	50	0	16.50	16.61	16.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.67	16.82	16.64	17.7	0
5	QPSK	1	12	16.71	16.72	16.67		
5	QPSK	1	24	16.66	16.65	16.55		
5	QPSK	12	0	16.46	16.70	16.54	17.7	0
5	QPSK	12	7	16.50	16.60	16.52		
5	QPSK	12	13	16.47	16.54	16.49		
5	QPSK	25	0	16.41	16.54	16.42		
5	16QAM	1	0	16.38	16.48	16.49	17.7	0
5	16QAM	1	12	16.52	16.52	16.56		
5	16QAM	1	24	16.50	16.36	16.55		
5	16QAM	12	0	16.61	16.49	16.47	17.7	0
5	16QAM	12	7	16.59	16.46	16.69		
5	16QAM	12	13	16.64	16.61	16.57		
5	16QAM	25	0	16.50	16.63	16.65		
5	64QAM	1	0	16.58	16.49	16.57	17.7	0
5	64QAM	1	12	16.61	16.50	16.66		
5	64QAM	1	24	16.57	16.74	16.54		
5	64QAM	12	0	16.60	16.71	16.51	17.7	0
5	64QAM	12	7	16.56	16.52	16.43		
5	64QAM	12	13	16.52	16.72	16.75		
5	64QAM	25	0	16.64	16.63	16.70		
5	256QAM	1	0	16.52	16.73	16.57	17.7	0
5	256QAM	1	12	16.43	16.73	16.62		
5	256QAM	1	24	16.57	16.61	16.64		
5	256QAM	12	0	16.62	16.67	16.62	17.7	0
5	256QAM	12	7	16.39	16.60	16.65		
5	256QAM	12	13	16.56	16.66	16.60		
5	256QAM	25	0	16.46	16.63	16.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.60	16.83	16.60	17.7	0
3	QPSK	1	8	16.63	16.67	16.69		
3	QPSK	1	14	16.58	16.62	16.59		
3	QPSK	8	0	16.56	16.72	16.59	17.7	0
3	QPSK	8	4	16.48	16.56	16.52		
3	QPSK	8	7	16.47	16.55	16.47		
3	QPSK	15	0	16.44	16.51	16.39		
3	16QAM	1	0	16.38	16.54	16.57	17.7	0
3	16QAM	1	8	16.53	16.45	16.47		
3	16QAM	1	14	16.47	16.46	16.45		
3	16QAM	8	0	16.53	16.49	16.58	17.7	0
3	16QAM	8	4	16.60	16.48	16.68		
3	16QAM	8	7	16.63	16.62	16.56		
3	16QAM	15	0	16.52	16.66	16.56		
3	64QAM	1	0	16.58	16.55	16.66	17.7	0
3	64QAM	1	8	16.48	16.52	16.60		
3	64QAM	1	14	16.53	16.61	16.66		
3	64QAM	8	0	16.57	16.68	16.55	17.7	0
3	64QAM	8	4	16.44	16.62	16.46		
3	64QAM	8	7	16.45	16.73	16.70		
3	64QAM	15	0	16.50	16.63	16.62		
3	256QAM	1	0	16.57	16.63	16.48	17.7	0
3	256QAM	1	8	16.41	16.75	16.49		
3	256QAM	1	14	16.67	16.56	16.59		
3	256QAM	8	0	16.50	16.61	16.66	17.7	0
3	256QAM	8	4	16.49	16.53	16.57		
3	256QAM	8	7	16.56	16.51	16.69		
3	256QAM	15	0	16.53	16.56	16.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.63	16.78	16.63	17.7	0
1.4	QPSK	1	3	16.61	16.67	16.66		
1.4	QPSK	1	5	16.57	16.60	16.56		
1.4	QPSK	3	0	16.48	16.76	16.48		
1.4	QPSK	3	1	16.51	16.48	16.57		
1.4	QPSK	3	3	16.46	16.61	16.54		
1.4	QPSK	6	0	16.36	16.55	16.32	17.7	0
1.4	16QAM	1	0	16.46	16.47	16.49	17.7	0
1.4	16QAM	1	3	16.46	16.43	16.54		
1.4	16QAM	1	5	16.47	16.50	16.53		
1.4	16QAM	3	0	16.57	16.52	16.58		
1.4	16QAM	3	1	16.61	16.48	16.64		
1.4	16QAM	3	3	16.64	16.53	16.59		
1.4	16QAM	6	0	16.44	16.68	16.66	17.7	0
1.4	64QAM	1	0	16.59	16.54	16.56	17.7	0
1.4	64QAM	1	3	16.61	16.49	16.57		
1.4	64QAM	1	5	16.57	16.67	16.57		
1.4	64QAM	3	0	16.64	16.62	16.59		
1.4	64QAM	3	1	16.59	16.56	16.59		
1.4	64QAM	3	3	16.42	16.61	16.65		
1.4	64QAM	6	0	16.56	16.59	16.57	17.7	0
1.4	256QAM	1	0	16.53	16.73	16.54	17.7	0
1.4	256QAM	1	3	16.45	16.66	16.56		
1.4	256QAM	1	5	16.68	16.58	16.61		
1.4	256QAM	3	0	16.56	16.66	16.54		
1.4	256QAM	3	1	16.52	16.59	16.62		
1.4	256QAM	3	3	16.53	16.63	16.65		
1.4	256QAM	6	0	16.47	16.68	16.59	17.7	0

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.73	23.86	23.71	25.5	0
20	QPSK	1	49	23.63	23.65	23.58		
20	QPSK	1	99	23.71	23.67	23.56		
20	QPSK	50	0	23.20	23.32	23.24	24.5	1
20	QPSK	50	24	23.27	23.31	23.28		
20	QPSK	50	50	23.21	23.28	23.23		
20	QPSK	100	0	23.22	23.26	23.20		
20	16QAM	1	0	22.81	22.90	22.85	24.5	1
20	16QAM	1	49	22.75	22.83	22.85		
20	16QAM	1	99	22.69	22.80	22.80		
20	16QAM	50	0	22.29	22.25	22.23	23.5	2
20	16QAM	50	24	22.27	22.21	22.20		
20	16QAM	50	50	22.19	22.23	22.17		
20	16QAM	100	0	22.21	22.23	22.14		
20	64QAM	1	0	22.24	22.29	22.27	23.5	2
20	64QAM	1	49	22.20	22.20	22.22		
20	64QAM	1	99	22.20	22.23	22.19		
20	64QAM	50	0	21.49	21.50	21.44	22.5	3
20	64QAM	50	24	21.46	21.53	21.52		
20	64QAM	50	50	21.61	21.49	21.45		
20	64QAM	100	0	21.20	21.36	21.15		
20	256QAM	1	0	18.68	18.73	18.71	20.5	5
20	256QAM	1	49	18.66	18.61	18.60		
20	256QAM	1	99	18.65	18.72	18.62		
20	256QAM	50	0	19.18	19.23	19.16	20.5	5
20	256QAM	50	24	19.29	19.25	19.09		
20	256QAM	50	50	19.23	19.27	19.18		
20	256QAM	100	0	19.27	19.21	19.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.70	23.77	23.69	25.5	0
15	QPSK	1	37	23.60	23.58	23.53		
15	QPSK	1	74	23.64	23.59	23.51		
15	QPSK	36	0	23.14	23.29	23.11	24.5	1
15	QPSK	36	20	23.20	23.23	23.17		
15	QPSK	36	39	23.16	23.25	23.14		
15	QPSK	75	0	23.17	23.23	23.12		
15	16QAM	1	0	22.74	22.80	22.75	24.5	1
15	16QAM	1	37	22.73	22.73	22.76		
15	16QAM	1	74	22.58	22.71	22.68		
15	16QAM	36	0	22.21	22.21	22.10	23.5	2
15	16QAM	36	20	22.15	22.07	22.16		
15	16QAM	36	39	22.11	22.12	22.12		
15	16QAM	75	0	22.17	22.11	22.04		
15	64QAM	1	0	22.19	22.23	22.22	23.5	2
15	64QAM	1	37	22.07	22.11	22.10		
15	64QAM	1	74	22.07	22.10	22.06		
15	64QAM	36	0	21.40	21.37	21.35	22.5	3
15	64QAM	36	20	21.33	21.46	21.44		
15	64QAM	36	39	21.51	21.36	21.37		
15	64QAM	75	0	21.07	21.28	21.06		
15	256QAM	1	0	18.65	18.69	18.64	20.5	5
15	256QAM	1	37	18.58	18.57	18.50		
15	256QAM	1	74	18.57	18.67	18.53		
15	256QAM	36	0	19.15	19.19	19.04	20.5	5
15	256QAM	36	20	19.20	19.20	18.99		
15	256QAM	36	39	19.12	19.19	19.11		
15	256QAM	75	0	19.15	19.17	19.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.70	23.72	23.60	25.5	0
10	QPSK	1	25	23.55	23.52	23.50		
10	QPSK	1	49	23.58	23.61	23.54		
10	QPSK	25	0	23.10	23.19	23.17	24.5	1
10	QPSK	25	12	23.22	23.21	23.21		
10	QPSK	25	25	23.07	23.16	23.19		
10	QPSK	50	0	23.12	23.21	23.08		
10	16QAM	1	0	22.77	22.79	22.83	24.5	1
10	16QAM	1	25	22.70	22.73	22.80		
10	16QAM	1	49	22.55	22.72	22.69		
10	16QAM	25	0	22.24	22.14	22.10	23.5	2
10	16QAM	25	12	22.21	22.18	22.13		
10	16QAM	25	25	22.15	22.19	22.08		
10	16QAM	50	0	22.19	22.10	22.09		
10	64QAM	1	0	22.15	22.17	22.15	23.5	2
10	64QAM	1	25	22.11	22.16	22.17		
10	64QAM	1	49	22.10	22.16	22.07		
10	64QAM	25	0	21.44	21.46	21.39	22.5	3
10	64QAM	25	12	21.34	21.41	21.48		
10	64QAM	25	25	21.59	21.47	21.43		
10	64QAM	50	0	21.10	21.23	21.13		
10	256QAM	1	0	18.65	18.70	18.59	20.5	5
10	256QAM	1	25	18.55	18.52	18.55		
10	256QAM	1	49	18.61	18.70	18.56		
10	256QAM	25	0	19.04	19.19	19.07	20.5	5
10	256QAM	25	12	19.22	19.12	19.03		
10	256QAM	25	25	19.16	19.23	19.12		
10	256QAM	50	0	19.17	19.07	19.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.67	23.74	23.64	25.5	0
5	QPSK	1	12	23.53	23.53	23.51		
5	QPSK	1	24	23.68	23.62	23.64		
5	QPSK	12	0	23.09	23.24	23.22	24.5	1
5	QPSK	12	7	23.22	23.20	23.22		
5	QPSK	12	13	23.10	23.21	23.11		
5	QPSK	25	0	23.08	23.16	23.17		
5	16QAM	1	0	22.76	22.81	22.81	24.5	1
5	16QAM	1	12	22.62	22.74	22.78		
5	16QAM	1	24	22.60	22.70	22.71		
5	16QAM	12	0	22.19	22.20	22.10	23.5	2
5	16QAM	12	7	22.18	22.18	22.16		
5	16QAM	12	13	22.11	22.18	22.10		
5	16QAM	25	0	22.15	22.10	22.11		
5	64QAM	1	0	22.19	22.18	22.24	23.5	2
5	64QAM	1	12	22.09	22.08	22.12		
5	64QAM	1	24	22.08	22.20	22.06		
5	64QAM	12	0	21.46	21.41	21.34	22.5	3
5	64QAM	12	7	21.40	21.41	21.44		
5	64QAM	12	13	21.53	21.46	21.43		
5	64QAM	25	0	21.10	21.34	21.09		
5	256QAM	1	0	18.63	18.67	18.66	20.5	5
5	256QAM	1	12	18.60	18.52	18.55		
5	256QAM	1	24	18.55	18.65	18.51		
5	256QAM	12	0	19.14	19.10	19.08	20.5	5
5	256QAM	12	7	19.23	19.20	19.03		
5	256QAM	12	13	19.11	19.20	19.13		
5	256QAM	25	0	19.23	19.10	19.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.59	23.72	23.68	25.5	0
3	QPSK	1	8	23.54	23.62	23.53		
3	QPSK	1	14	23.65	23.57	23.56		
3	QPSK	8	0	23.10	23.20	23.21	24.5	1
3	QPSK	8	4	23.19	23.25	23.16		
3	QPSK	8	7	23.14	23.21	23.19		
3	QPSK	15	0	23.13	23.15	23.14		
3	16QAM	1	0	22.74	22.79	22.80	24.5	1
3	16QAM	1	8	22.62	22.80	22.82		
3	16QAM	1	14	22.65	22.69	22.67		
3	16QAM	8	0	22.23	22.19	22.12	23.5	2
3	16QAM	8	4	22.22	22.12	22.08		
3	16QAM	8	7	22.17	22.12	22.12		
3	16QAM	15	0	22.13	22.15	22.10		
3	64QAM	1	0	22.10	22.27	22.17	23.5	2
3	64QAM	1	8	22.09	22.18	22.15		
3	64QAM	1	14	22.11	22.21	22.12		
3	64QAM	8	0	21.42	21.37	21.40	22.5	3
3	64QAM	8	4	21.44	21.43	21.43		
3	64QAM	8	7	21.55	21.37	21.39		
3	64QAM	15	0	21.08	21.26	21.09		
3	256QAM	1	0	18.56	18.64	18.59	20.5	5
3	256QAM	1	8	18.57	18.68	18.53		
3	256QAM	1	14	18.55	18.64	18.59		
3	256QAM	8	0	19.04	19.16	19.09	20.5	5
3	256QAM	8	4	19.24	19.19	19.06		
3	256QAM	8	7	19.19	19.20	19.07		
3	256QAM	15	0	19.13	19.16	19.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.64	23.80	23.67	25.5	0
1.4	QPSK	1	3	23.60	23.58	23.51		
1.4	QPSK	1	5	23.69	23.58	23.52		
1.4	QPSK	3	0	23.61	23.73	23.68		
1.4	QPSK	3	1	23.51	23.57	23.51		
1.4	QPSK	3	3	23.60	23.55	23.50		
1.4	QPSK	6	0	23.16	23.20	23.12	24.5	1
1.4	16QAM	1	0	22.68	22.87	22.75	24.5	1
1.4	16QAM	1	3	22.65	22.72	22.83		
1.4	16QAM	1	5	22.65	22.71	22.70		
1.4	16QAM	3	0	22.78	22.80	22.80		
1.4	16QAM	3	1	22.69	22.74	22.81		
1.4	16QAM	3	3	22.58	22.75	22.77		
1.4	16QAM	6	0	22.11	22.12	22.07	23.5	2
1.4	64QAM	1	0	22.16	22.25	22.19	23.5	2
1.4	64QAM	1	3	22.15	22.15	22.19		
1.4	64QAM	1	5	22.07	22.20	22.09		
1.4	64QAM	3	0	22.16	22.08	22.10		
1.4	64QAM	3	1	22.11	22.18	22.13		
1.4	64QAM	3	3	22.15	22.17	22.04		
1.4	64QAM	6	0	21.08	21.25	21.03	22.5	3
1.4	256QAM	1	0	18.62	18.61	18.59	20.5	5
1.4	256QAM	1	3	18.63	18.66	18.67		
1.4	256QAM	1	5	18.55	18.66	18.69		
1.4	256QAM	3	0	19.09	19.14	19.07		
1.4	256QAM	3	1	19.20	19.19	18.98		
1.4	256QAM	3	3	19.15	19.14	19.15		
1.4	256QAM	6	0	19.25	19.11	19.14	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.38	24.47	24.40	25.7	0
20	QPSK	1	49	24.28	24.44	24.37		
20	QPSK	1	99	24.28	24.40	24.32		
20	QPSK	50	0	23.43	23.52	23.43	24.7	1
20	QPSK	50	24	23.47	23.47	23.41		
20	QPSK	50	50	23.41	23.45	23.44		
20	QPSK	100	0	23.45	23.51	23.40		
20	16QAM	1	0	23.47	23.57	23.44	24.7	1
20	16QAM	1	49	23.49	23.49	23.51		
20	16QAM	1	99	23.54	23.48	23.52		
20	16QAM	50	0	22.46	22.54	22.49	23.7	2
20	16QAM	50	24	22.48	22.46	22.51		
20	16QAM	50	50	22.51	22.47	22.44		
20	16QAM	100	0	22.45	22.54	22.47		
20	64QAM	1	0	22.16	22.30	22.28	23.7	2
20	64QAM	1	49	22.17	22.22	22.18		
20	64QAM	1	99	22.17	22.20	22.24		
20	64QAM	50	0	21.45	21.57	21.47	22.7	3
20	64QAM	50	24	21.49	21.45	21.48		
20	64QAM	50	50	21.47	21.48	21.45		
20	64QAM	100	0	21.47	21.55	21.41		
20	256QAM	1	0	19.48	19.53	19.42	20.7	5
20	256QAM	1	49	19.41	19.45	19.48		
20	256QAM	1	99	19.49	19.44	19.44		
20	256QAM	50	0	19.52	19.55	19.42	20.7	5
20	256QAM	50	24	19.51	19.52	19.42		
20	256QAM	50	50	19.43	19.46	19.42		
20	256QAM	100	0	19.38	19.52	19.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.25	24.40	24.37	25.7	0
15	QPSK	1	37	24.25	24.41	24.32		
15	QPSK	1	74	24.25	24.27	24.25		
15	QPSK	36	0	23.30	23.44	23.31	24.7	1
15	QPSK	36	20	23.40	23.37	23.29		
15	QPSK	36	39	23.32	23.37	23.34		
15	QPSK	75	0	23.42	23.47	23.28		
15	16QAM	1	0	23.39	23.43	23.35	24.7	1
15	16QAM	1	37	23.38	23.38	23.45		
15	16QAM	1	74	23.45	23.38	23.39		
15	16QAM	36	0	22.36	22.52	22.36	23.7	2
15	16QAM	36	20	22.39	22.34	22.46		
15	16QAM	36	39	22.41	22.43	22.41		
15	16QAM	75	0	22.39	22.43	22.42		
15	64QAM	1	0	22.11	22.19	22.20	23.7	2
15	64QAM	1	37	22.06	22.10	22.13		
15	64QAM	1	74	22.03	22.09	22.16		
15	64QAM	36	0	21.37	21.44	21.33	22.7	3
15	64QAM	36	20	21.40	21.34	21.39		
15	64QAM	36	39	21.37	21.44	21.37		
15	64QAM	75	0	21.41	21.46	21.27		
15	256QAM	1	0	19.43	19.43	19.35	20.7	5
15	256QAM	1	37	19.32	19.41	19.36		
15	256QAM	1	74	19.36	19.30	19.36		
15	256QAM	36	0	19.38	19.41	19.31	20.7	5
15	256QAM	36	20	19.44	19.46	19.40		
15	256QAM	36	39	19.34	19.39	19.39		
15	256QAM	75	0	19.25	19.46	19.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.33	24.44	24.36	25.7	0
10	QPSK	1	25	24.18	24.38	24.29		
10	QPSK	1	49	24.23	24.38	24.23		
10	QPSK	25	0	23.37	23.39	23.30	24.7	1
10	QPSK	25	12	23.38	23.36	23.35		
10	QPSK	25	25	23.34	23.37	23.34		
10	QPSK	50	0	23.32	23.44	23.38		
10	16QAM	1	0	23.36	23.49	23.42	24.7	1
10	16QAM	1	25	23.39	23.36	23.48		
10	16QAM	1	49	23.51	23.42	23.46		
10	16QAM	25	0	22.41	22.41	22.41	23.7	2
10	16QAM	25	12	22.42	22.40	22.38		
10	16QAM	25	25	22.44	22.44	22.39		
10	16QAM	50	0	22.37	22.51	22.40		
10	64QAM	1	0	22.12	22.17	22.18	23.7	2
10	64QAM	1	25	22.10	22.09	22.11		
10	64QAM	1	49	22.11	22.17	22.18		
10	64QAM	25	0	21.36	21.45	21.42	22.7	3
10	64QAM	25	12	21.43	21.34	21.44		
10	64QAM	25	25	21.36	21.37	21.38		
10	64QAM	50	0	21.43	21.53	21.28		
10	256QAM	1	0	19.43	19.41	19.32	20.7	5
10	256QAM	1	25	19.29	19.32	19.45		
10	256QAM	1	49	19.39	19.38	19.40		
10	256QAM	25	0	19.45	19.42	19.35	20.7	5
10	256QAM	25	12	19.43	19.47	19.32		
10	256QAM	25	25	19.39	19.39	19.33		
10	256QAM	50	0	19.30	19.38	19.40		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.34	24.41	24.31	25.7	0
5	QPSK	1	12	24.23	24.39	24.27		
5	QPSK	1	24	24.24	24.34	24.21		
5	QPSK	12	0	23.29	23.44	23.39	24.7	1
5	QPSK	12	7	23.39	23.40	23.32		
5	QPSK	12	13	23.38	23.32	23.42		
5	QPSK	25	0	23.38	23.44	23.33		
5	16QAM	1	0	23.41	23.53	23.33	24.7	1
5	16QAM	1	12	23.46	23.47	23.41		
5	16QAM	1	24	23.45	23.34	23.47		
5	16QAM	12	0	22.38	22.51	22.40	23.7	2
5	16QAM	12	7	22.40	22.43	22.37		
5	16QAM	12	13	22.44	22.35	22.33		
5	16QAM	25	0	22.41	22.51	22.42		
5	64QAM	1	0	22.04	22.22	22.16	23.7	2
5	64QAM	1	12	22.13	22.14	22.12		
5	64QAM	1	24	22.03	22.17	22.16		
5	64QAM	12	0	21.34	21.49	21.44	22.7	3
5	64QAM	12	7	21.41	21.43	21.44		
5	64QAM	12	13	21.36	21.39	21.43		
5	64QAM	25	0	21.41	21.50	21.32		
5	256QAM	1	0	19.37	19.46	19.35	20.7	5
5	256QAM	1	12	19.36	19.33	19.41		
5	256QAM	1	24	19.46	19.39	19.42		
5	256QAM	12	0	19.45	19.49	19.35	20.7	5
5	256QAM	12	7	19.44	19.39	19.35		
5	256QAM	12	13	19.31	19.37	19.34		
5	256QAM	25	0	19.35	19.46	19.31		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.27	24.43	24.33	25.7	0
3	QPSK	1	8	24.18	24.39	24.32		
3	QPSK	1	14	24.21	24.26	24.29		
3	QPSK	8	0	23.40	23.50	23.29	24.7	1
3	QPSK	8	4	23.42	23.40	23.29		
3	QPSK	8	7	23.29	23.42	23.40		
3	QPSK	15	0	23.41	23.41	23.35		
3	16QAM	1	0	23.43	23.43	23.32	24.7	1
3	16QAM	1	8	23.37	23.47	23.44		
3	16QAM	1	14	23.51	23.35	23.47		
3	16QAM	8	0	22.32	22.43	22.37	23.7	2
3	16QAM	8	4	22.43	22.44	22.39		
3	16QAM	8	7	22.48	22.34	22.31		
3	16QAM	15	0	22.36	22.46	22.41		
3	64QAM	1	0	22.06	22.25	22.26	23.7	2
3	64QAM	1	8	22.03	22.16	22.14		
3	64QAM	1	14	22.06	22.14	22.15		
3	64QAM	8	0	21.41	21.54	21.38	22.7	3
3	64QAM	8	4	21.45	21.37	21.37		
3	64QAM	8	7	21.45	21.37	21.33		
3	64QAM	15	0	21.41	21.44	21.32		
3	256QAM	1	0	19.35	19.40	19.29	20.7	5
3	256QAM	1	8	19.34	19.41	19.34		
3	256QAM	1	14	19.42	19.41	19.31		
3	256QAM	8	0	19.49	19.51	19.33	20.7	5
3	256QAM	8	4	19.46	19.40	19.29		
3	256QAM	8	7	19.34	19.40	19.32		
3	256QAM	15	0	19.36	19.45	19.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.31	24.40	24.29	25.7	0
1.4	QPSK	1	3	24.15	24.30	24.26		
1.4	QPSK	1	5	24.21	24.27	24.24		
1.4	QPSK	3	0	24.25	24.44	24.32		
1.4	QPSK	3	1	24.16	24.33	24.30		
1.4	QPSK	3	3	24.20	24.30	24.22		
1.4	QPSK	6	0	23.40	23.41	23.38	24.7	1
1.4	16QAM	1	0	23.44	23.55	23.35	24.7	1
1.4	16QAM	1	3	23.41	23.37	23.47		
1.4	16QAM	1	5	23.40	23.41	23.48		
1.4	16QAM	3	0	23.31	23.34	23.41		
1.4	16QAM	3	1	23.40	23.42	23.37		
1.4	16QAM	3	3	23.41	23.47	23.42		
1.4	16QAM	6	0	22.37	22.41	22.35	23.7	2
1.4	64QAM	1	0	22.02	22.19	22.16	23.7	2
1.4	64QAM	1	3	22.12	22.16	22.07		
1.4	64QAM	1	5	22.06	22.13	22.12		
1.4	64QAM	3	0	22.10	22.20	22.19		
1.4	64QAM	3	1	22.04	22.16	22.11		
1.4	64QAM	3	3	22.14	22.11	22.22		
1.4	64QAM	6	0	21.35	21.49	21.33	22.7	3
1.4	256QAM	1	0	19.39	19.43	19.38	20.7	5
1.4	256QAM	1	3	19.36	19.37	19.37		
1.4	256QAM	1	5	19.38	19.34	19.34		
1.4	256QAM	3	0	19.43	19.52	19.34		
1.4	256QAM	3	1	19.38	19.49	19.29		
1.4	256QAM	3	3	19.40	19.40	19.35		
1.4	256QAM	6	0	19.35	19.44	19.39	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.48	24.54	24.36	25.7	0
20	QPSK	1	49	24.38	24.45	24.25		
20	QPSK	1	99	24.46	24.47	24.31		
20	QPSK	50	0	23.48	23.50	23.41	24.7	1
20	QPSK	50	24	23.36	23.37	23.37		
20	QPSK	50	50	23.37	23.39	23.37		
20	QPSK	100	0	23.35	23.48	23.35		
20	16QAM	1	0	23.36	23.49	23.38	24.7	1
20	16QAM	1	49	23.36	23.38	23.45		
20	16QAM	1	99	23.39	23.36	23.43		
20	16QAM	50	0	22.38	22.49	22.46	23.7	2
20	16QAM	50	24	22.47	22.47	22.39		
20	16QAM	50	50	22.45	22.39	22.44		
20	16QAM	100	0	22.39	22.50	22.38		
20	64QAM	1	0	22.34	22.39	22.37	23.7	2
20	64QAM	1	49	22.25	22.27	22.36		
20	64QAM	1	99	22.26	22.27	22.32		
20	64QAM	50	0	21.40	21.53	21.41	22.7	3
20	64QAM	50	24	21.42	21.41	21.50		
20	64QAM	50	50	21.48	21.40	21.48		
20	64QAM	100	0	21.40	21.50	21.46		
20	256QAM	1	0	19.30	19.37	19.26	20.7	5
20	256QAM	1	49	19.29	19.29	19.35		
20	256QAM	1	99	19.27	19.27	19.24		
20	256QAM	50	0	19.48	19.52	19.41	20.7	5
20	256QAM	50	24	19.49	19.43	19.49		
20	256QAM	50	50	19.46	19.48	19.41		
20	256QAM	100	0	19.46	19.51	19.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.38	24.44	24.31	25.7	0
15	QPSK	1	37	24.32	24.36	24.14		
15	QPSK	1	74	24.38	24.35	24.27		
15	QPSK	36	0	23.40	23.40	23.33	24.7	1
15	QPSK	36	20	23.23	23.30	23.31		
15	QPSK	36	39	23.32	23.36	23.31		
15	QPSK	75	0	23.32	23.38	23.27		
15	16QAM	1	0	23.26	23.39	23.25	24.7	1
15	16QAM	1	37	23.25	23.28	23.37		
15	16QAM	1	74	23.32	23.23	23.32		
15	16QAM	36	0	22.35	22.39	22.36	23.7	2
15	16QAM	36	20	22.40	22.37	22.30		
15	16QAM	36	39	22.36	22.26	22.31		
15	16QAM	75	0	22.30	22.43	22.36		
15	64QAM	1	0	22.21	22.34	22.28	23.7	2
15	64QAM	1	37	22.14	22.14	22.33		
15	64QAM	1	74	22.23	22.24	22.25		
15	64QAM	36	0	21.27	21.51	21.35	22.7	3
15	64QAM	36	20	21.31	21.32	21.42		
15	64QAM	36	39	21.41	21.28	21.43		
15	64QAM	75	0	21.38	21.41	21.41		
15	256QAM	1	0	19.18	19.27	19.22	20.7	5
15	256QAM	1	37	19.16	19.22	19.29		
15	256QAM	1	74	19.18	19.13	19.17		
15	256QAM	36	0	19.42	19.43	19.36	20.7	5
15	256QAM	36	20	19.46	19.32	19.45		
15	256QAM	36	39	19.32	19.43	19.34		
15	256QAM	75	0	19.36	19.46	19.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.41	24.46	24.22	25.7	0
10	QPSK	1	25	24.33	24.33	24.11		
10	QPSK	1	49	24.40	24.44	24.20		
10	QPSK	25	0	23.40	23.42	23.30	24.7	1
10	QPSK	25	12	23.33	23.35	23.27		
10	QPSK	25	25	23.24	23.36	23.24		
10	QPSK	50	0	23.24	23.41	23.27		
10	16QAM	1	0	23.24	23.46	23.33	24.7	1
10	16QAM	1	25	23.25	23.25	23.32		
10	16QAM	1	49	23.25	23.24	23.30		
10	16QAM	25	0	22.24	22.45	22.41	23.7	2
10	16QAM	25	12	22.41	22.39	22.36		
10	16QAM	25	25	22.32	22.33	22.34		
10	16QAM	50	0	22.25	22.47	22.34		
10	64QAM	1	0	22.26	22.34	22.31	23.7	2
10	64QAM	1	25	22.20	22.18	22.29		
10	64QAM	1	49	22.16	22.23	22.20		
10	64QAM	25	0	21.36	21.49	21.35	22.7	3
10	64QAM	25	12	21.40	21.36	21.41		
10	64QAM	25	25	21.42	21.34	21.46		
10	64QAM	50	0	21.27	21.36	21.44		
10	256QAM	1	0	19.20	19.25	19.13	20.7	5
10	256QAM	1	25	19.15	19.24	19.23		
10	256QAM	1	49	19.18	19.20	19.16		
10	256QAM	25	0	19.40	19.42	19.39	20.7	5
10	256QAM	25	12	19.36	19.38	19.41		
10	256QAM	25	25	19.36	19.38	19.38		
10	256QAM	50	0	19.43	19.43	19.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.44	24.51	24.30	25.7	0
5	QPSK	1	12	24.29	24.38	24.15		
5	QPSK	1	24	24.38	24.42	24.28		
5	QPSK	12	0	23.42	23.39	23.29	24.7	1
5	QPSK	12	7	23.28	23.34	23.33		
5	QPSK	12	13	23.34	23.33	23.31		
5	QPSK	25	0	23.25	23.39	23.27		
5	16QAM	1	0	23.24	23.45	23.26	24.7	1
5	16QAM	1	12	23.26	23.32	23.36		
5	16QAM	1	24	23.30	23.25	23.31		
5	16QAM	12	0	22.26	22.37	22.39	23.7	2
5	16QAM	12	7	22.40	22.35	22.35		
5	16QAM	12	13	22.32	22.32	22.34		
5	16QAM	25	0	22.35	22.38	22.32		
5	64QAM	1	0	22.25	22.31	22.31	23.7	2
5	64QAM	1	12	22.16	22.24	22.27		
5	64QAM	1	24	22.20	22.20	22.23		
5	64QAM	12	0	21.27	21.50	21.35	22.7	3
5	64QAM	12	7	21.33	21.38	21.47		
5	64QAM	12	13	21.37	21.31	21.37		
5	64QAM	25	0	21.30	21.45	21.43		
5	256QAM	1	0	19.17	19.32	19.19	20.7	5
5	256QAM	1	12	19.26	19.21	19.26		
5	256QAM	1	24	19.18	19.18	19.15		
5	256QAM	12	0	19.37	19.50	19.33	20.7	5
5	256QAM	12	7	19.39	19.34	19.45		
5	256QAM	12	13	19.37	19.38	19.33		
5	256QAM	25	0	19.40	19.37	19.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.36	24.42	24.33	25.7	0
3	QPSK	1	8	24.31	24.40	24.12		
3	QPSK	1	14	24.39	24.36	24.29		
3	QPSK	8	0	23.42	23.46	23.32	24.7	1
3	QPSK	8	4	23.23	23.34	23.28		
3	QPSK	8	7	23.25	23.28	23.32		
3	QPSK	15	0	23.29	23.41	23.27		
3	16QAM	1	0	23.32	23.45	23.29	24.7	1
3	16QAM	1	8	23.30	23.36	23.42		
3	16QAM	1	14	23.31	23.30	23.40		
3	16QAM	8	0	22.35	22.41	22.34	23.7	2
3	16QAM	8	4	22.39	22.37	22.31		
3	16QAM	8	7	22.42	22.33	22.36		
3	16QAM	15	0	22.27	22.39	22.33		
3	64QAM	1	0	22.21	22.31	22.32	23.7	2
3	64QAM	1	8	22.11	22.19	22.27		
3	64QAM	1	14	22.13	22.25	22.21		
3	64QAM	8	0	21.37	21.46	21.33	22.7	3
3	64QAM	8	4	21.40	21.38	21.44		
3	64QAM	8	7	21.36	21.27	21.43		
3	64QAM	15	0	21.33	21.48	21.39		
3	256QAM	1	0	19.26	19.30	19.13	20.7	5
3	256QAM	1	8	19.21	19.17	19.22		
3	256QAM	1	14	19.23	19.17	19.12		
3	256QAM	8	0	19.42	19.44	19.33	20.7	5
3	256QAM	8	4	19.46	19.30	19.36		
3	256QAM	8	7	19.37	19.35	19.27		
3	256QAM	15	0	19.33	19.45	19.43		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.40	24.49	24.33	25.7	0
1.4	QPSK	1	3	24.32	24.34	24.22		
1.4	QPSK	1	5	24.33	24.34	24.20		
1.4	QPSK	3	0	24.42	24.41	24.28		
1.4	QPSK	3	1	24.34	24.40	24.16		
1.4	QPSK	3	3	24.42	24.37	24.22		
1.4	QPSK	6	0	23.23	23.41	23.33	24.7	1
1.4	16QAM	1	0	23.29	23.37	23.33	24.7	1
1.4	16QAM	1	3	23.28	23.31	23.41		
1.4	16QAM	1	5	23.35	23.26	23.40		
1.4	16QAM	3	0	23.24	23.29	23.29		
1.4	16QAM	3	1	23.27	23.37	23.23		
1.4	16QAM	3	3	23.31	23.36	23.36		
1.4	16QAM	6	0	22.29	22.45	22.30	23.7	2
1.4	64QAM	1	0	22.31	22.25	22.30	23.7	2
1.4	64QAM	1	3	22.18	22.13	22.24		
1.4	64QAM	1	5	22.13	22.14	22.27		
1.4	64QAM	3	0	22.15	22.23	22.33		
1.4	64QAM	3	1	22.13	22.18	22.22		
1.4	64QAM	3	3	22.21	22.27	22.26		
1.4	64QAM	6	0	21.32	21.45	21.40	22.7	3
1.4	256QAM	1	0	19.17	19.30	19.19	20.7	5
1.4	256QAM	1	3	19.19	19.17	19.26		
1.4	256QAM	1	5	19.15	19.22	19.14		
1.4	256QAM	3	0	19.44	19.38	19.30		
1.4	256QAM	3	1	19.46	19.33	19.43		
1.4	256QAM	3	3	19.43	19.39	19.33		
1.4	256QAM	6	0	19.43	19.42	19.39	20.7	5

Band 2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.42	17.52	17.31	18.5	0
20	QPSK	1	49	17.33	17.40	17.45		
20	QPSK	1	99	17.40	17.43	17.27		
20	QPSK	50	0	17.42	17.49	17.46	18.5	0
20	QPSK	50	24	17.17	17.30	17.25		
20	QPSK	50	50	17.27	17.24	17.11		
20	QPSK	100	0	17.11	17.36	17.03		
20	16QAM	1	0	17.22	17.20	17.35	18.5	0
20	16QAM	1	49	17.17	17.16	17.17		
20	16QAM	1	99	17.14	17.21	17.17		
20	16QAM	50	0	17.25	17.25	17.20	18.5	0
20	16QAM	50	24	17.35	17.28	17.37		
20	16QAM	50	50	17.28	17.18	17.27		
20	16QAM	100	0	17.14	17.36	17.30		
20	64QAM	1	0	17.29	17.29	17.27	18.5	0
20	64QAM	1	49	17.23	17.23	17.35		
20	64QAM	1	99	17.26	17.40	17.33		
20	64QAM	50	0	17.29	17.30	17.23	18.5	0
20	64QAM	50	24	17.24	17.30	17.25		
20	64QAM	50	50	17.21	17.40	17.38		
20	64QAM	100	0	17.27	17.36	17.41		
20	256QAM	1	0	17.21	17.38	17.29	18.5	0
20	256QAM	1	49	17.23	17.40	17.33		
20	256QAM	1	99	17.37	17.24	17.32		
20	256QAM	50	0	17.32	17.30	17.24	18.5	0
20	256QAM	50	24	17.19	17.40	17.32		
20	256QAM	50	50	17.23	17.25	17.28		
20	256QAM	100	0	17.25	17.37	17.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.19	17.47	17.27	18.5	0
15	QPSK	1	37	17.27	17.29	17.22		
15	QPSK	1	74	17.20	17.30	17.18		
15	QPSK	36	0	17.12	17.29	17.15	18.5	0
15	QPSK	36	20	17.16	17.12	17.07		
15	QPSK	36	39	17.09	17.20	17.01		
15	QPSK	75	0	17.04	17.21	17.03		
15	16QAM	1	0	17.06	17.18	17.17	18.5	0
15	16QAM	1	37	17.11	17.09	17.20		
15	16QAM	1	74	17.10	17.10	17.12		
15	16QAM	36	0	17.20	17.14	17.07	18.5	0
15	16QAM	36	20	17.17	17.15	17.20		
15	16QAM	36	39	17.27	17.22	17.18		
15	16QAM	75	0	17.07	17.25	17.26		
15	64QAM	1	0	17.12	17.23	17.27	18.5	0
15	64QAM	1	37	17.11	17.13	17.26		
15	64QAM	1	74	17.16	17.25	17.17		
15	64QAM	36	0	17.17	17.18	17.11	18.5	0
15	64QAM	36	20	17.05	17.13	17.18		
15	64QAM	36	39	17.09	17.23	17.25		
15	64QAM	75	0	17.18	17.21	17.31		
15	256QAM	1	0	17.13	17.26	17.11	18.5	0
15	256QAM	1	37	17.07	17.33	17.22		
15	256QAM	1	74	17.20	17.25	17.16		
15	256QAM	36	0	17.21	17.29	17.14	18.5	0
15	256QAM	36	20	17.08	17.27	17.22		
15	256QAM	36	39	17.08	17.17	17.20		
15	256QAM	75	0	17.22	17.28	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.21	17.32	17.30	18.5	0
10	QPSK	1	25	17.24	17.26	17.35		
10	QPSK	1	49	17.24	17.32	17.18		
10	QPSK	25	0	17.08	17.26	17.10	18.5	0
10	QPSK	25	12	17.20	17.22	17.19		
10	QPSK	25	25	17.04	17.13	17.03		
10	QPSK	50	0	17.03	17.17	17.06		
10	16QAM	1	0	17.10	17.05	17.11	18.5	0
10	16QAM	1	25	17.17	17.03	17.17		
10	16QAM	1	49	17.00	17.07	17.03		
10	16QAM	25	0	17.23	17.08	17.18	18.5	0
10	16QAM	25	12	17.19	17.18	17.26		
10	16QAM	25	25	17.25	17.11	17.17		
10	16QAM	50	0	17.06	17.31	17.22		
10	64QAM	1	0	17.23	17.22	17.29	18.5	0
10	64QAM	1	25	17.07	17.09	17.24		
10	64QAM	1	49	17.10	17.26	17.20		
10	64QAM	25	0	17.19	17.25	17.13	18.5	0
10	64QAM	25	12	17.06	17.17	17.12		
10	64QAM	25	25	17.08	17.25	17.22		
10	64QAM	50	0	17.25	17.16	17.25		
10	256QAM	1	0	17.24	17.36	17.21	18.5	0
10	256QAM	1	25	17.16	17.32	17.24		
10	256QAM	1	49	17.16	17.20	17.16		
10	256QAM	25	0	17.20	17.20	17.20	18.5	0
10	256QAM	25	12	17.13	17.18	17.26		
10	256QAM	25	25	17.09	17.25	17.18		
10	256QAM	50	0	17.13	17.21	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.26	17.45	17.22	18.5	0
5	QPSK	1	12	17.25	17.28	17.30		
5	QPSK	1	24	17.31	17.31	17.21		
5	QPSK	12	0	17.07	17.28	17.15	18.5	0
5	QPSK	12	7	17.12	17.13	17.12		
5	QPSK	12	13	17.14	17.23	17.08		
5	QPSK	25	0	17.02	17.06	17.06		
5	16QAM	1	0	17.12	17.17	17.12	18.5	0
5	16QAM	1	12	17.11	17.02	17.08		
5	16QAM	1	24	17.05	17.07	17.15		
5	16QAM	12	0	17.10	17.14	17.21	18.5	0
5	16QAM	12	7	17.17	17.09	17.21		
5	16QAM	12	13	17.22	17.18	17.27		
5	16QAM	25	0	17.13	17.24	17.16		
5	64QAM	1	0	17.14	17.14	17.27	18.5	0
5	64QAM	1	12	17.11	17.21	17.29		
5	64QAM	1	24	17.13	17.36	17.23		
5	64QAM	12	0	17.21	17.17	17.15	18.5	0
5	64QAM	12	7	17.06	17.23	17.06		
5	64QAM	12	13	17.18	17.26	17.28		
5	64QAM	25	0	17.14	17.29	17.19		
5	256QAM	1	0	17.17	17.32	17.19	18.5	0
5	256QAM	1	12	17.07	17.38	17.20		
5	256QAM	1	24	17.23	17.16	17.23		
5	256QAM	12	0	17.21	17.25	17.17	18.5	0
5	256QAM	12	7	17.03	17.17	17.14		
5	256QAM	12	13	17.15	17.23	17.16		
5	256QAM	25	0	17.12	17.22	17.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.32	17.40	17.31	18.5	0
3	QPSK	1	8	17.29	17.35	17.27		
3	QPSK	1	14	17.22	17.21	17.27		
3	QPSK	8	0	17.17	17.25	17.20	18.5	0
3	QPSK	8	4	17.18	17.19	17.13		
3	QPSK	8	7	17.16	17.14	17.11		
3	QPSK	15	0	17.02	17.12	17.00		
3	16QAM	1	0	17.05	17.08	17.12	18.5	0
3	16QAM	1	8	17.01	17.12	17.09		
3	16QAM	1	14	17.06	17.10	17.10		
3	16QAM	8	0	17.14	17.10	17.07	18.5	0
3	16QAM	8	4	17.26	17.14	17.29		
3	16QAM	8	7	17.23	17.23	17.24		
3	16QAM	15	0	17.09	17.21	17.17		
3	64QAM	1	0	17.14	17.13	17.27	18.5	0
3	64QAM	1	8	17.17	17.23	17.20		
3	64QAM	1	14	17.24	17.28	17.25		
3	64QAM	8	0	17.15	17.18	17.09	18.5	0
3	64QAM	8	4	17.14	17.21	17.14		
3	64QAM	8	7	17.12	17.29	17.30		
3	64QAM	15	0	17.19	17.21	17.21		
3	256QAM	1	0	17.10	17.33	17.10	18.5	0
3	256QAM	1	8	17.02	17.30	17.17		
3	256QAM	1	14	17.31	17.15	17.15		
3	256QAM	8	0	17.15	17.35	17.19	18.5	0
3	256QAM	8	4	17.06	17.29	17.19		
3	256QAM	8	7	17.12	17.23	17.21		
3	256QAM	15	0	17.13	17.22	17.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.28	17.45	17.25	18.5	0
1.4	QPSK	1	3	17.28	17.29	17.37		
1.4	QPSK	1	5	17.24	17.32	17.24		
1.4	QPSK	3	0	17.05	17.23	17.21		
1.4	QPSK	3	1	17.09	17.14	17.04		
1.4	QPSK	3	3	17.04	17.10	17.00		
1.4	QPSK	6	0	17.00	17.12	17.03	18.5	0
1.4	16QAM	1	0	17.08	17.17	17.14	18.5	0
1.4	16QAM	1	3	17.08	17.09	17.20		
1.4	16QAM	1	5	17.05	17.12	17.04		
1.4	16QAM	3	0	17.15	17.10	17.08		
1.4	16QAM	3	1	17.18	17.08	17.30		
1.4	16QAM	3	3	17.22	17.22	17.15		
1.4	16QAM	6	0	17.12	17.29	17.19	18.5	0
1.4	64QAM	1	0	17.14	17.08	17.18	18.5	0
1.4	64QAM	1	3	17.22	17.17	17.21		
1.4	64QAM	1	5	17.14	17.38	17.21		
1.4	64QAM	3	0	17.19	17.17	17.17		
1.4	64QAM	3	1	17.13	17.18	17.12		
1.4	64QAM	3	3	17.07	17.21	17.24		
1.4	64QAM	6	0	17.18	17.23	17.22	18.5	0
1.4	256QAM	1	0	17.13	17.23	17.12	18.5	0
1.4	256QAM	1	3	17.05	17.38	17.20		
1.4	256QAM	1	5	17.19	17.17	17.21		
1.4	256QAM	3	0	17.17	17.29	17.13		
1.4	256QAM	3	1	17.12	17.23	17.15		
1.4	256QAM	3	3	17.21	17.15	17.28		
1.4	256QAM	6	0	17.13	17.21	17.15	18.5	0

Band 4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.55	17.67	17.61	19	0
20	QPSK	1	49	17.52	17.54	17.53		
20	QPSK	1	99	17.46	17.54	17.36		
20	QPSK	50	0	17.60	17.62	17.54	19	0
20	QPSK	50	24	17.27	17.32	17.25		
20	QPSK	50	50	17.39	17.35	17.20		
20	QPSK	100	0	17.23	17.59	17.19		
20	16QAM	1	0	17.18	17.35	17.45	19	0
20	16QAM	1	49	17.32	17.31	17.35		
20	16QAM	1	99	17.32	17.30	17.36		
20	16QAM	50	0	17.35	17.31	17.40	19	0
20	16QAM	50	24	17.45	17.34	17.45		
20	16QAM	50	50	17.34	17.29	17.34		
20	16QAM	100	0	17.35	17.48	17.45		
20	64QAM	1	0	17.29	17.28	17.47	19	0
20	64QAM	1	49	17.34	17.41	17.40		
20	64QAM	1	99	17.31	17.48	17.47		
20	64QAM	50	0	17.42	17.41	17.38	19	0
20	64QAM	50	24	17.34	17.37	17.24		
20	64QAM	50	50	17.37	17.42	17.45		
20	64QAM	100	0	17.41	17.37	17.42		
20	256QAM	1	0	17.43	17.42	17.34	19	0
20	256QAM	1	49	17.28	17.57	17.40		
20	256QAM	1	99	17.52	17.46	17.42		
20	256QAM	50	0	17.44	17.43	17.44	19	0
20	256QAM	50	24	17.29	17.48	17.43		
20	256QAM	50	50	17.32	17.39	17.36		
20	256QAM	100	0	17.39	17.48	17.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.33	17.56	17.37	19	0
15	QPSK	1	37	17.35	17.47	17.37		
15	QPSK	1	74	17.35	17.29	17.37		
15	QPSK	36	0	17.26	17.37	17.24	19	0
15	QPSK	36	20	17.18	17.26	17.27		
15	QPSK	36	39	17.14	17.33	17.14		
15	QPSK	75	0	17.09	17.25	17.12		
15	16QAM	1	0	17.14	17.17	17.28	19	0
15	16QAM	1	37	17.23	17.12	17.21		
15	16QAM	1	74	17.14	17.22	17.18		
15	16QAM	36	0	17.25	17.18	17.20	19	0
15	16QAM	36	20	17.32	17.19	17.30		
15	16QAM	36	39	17.34	17.30	17.35		
15	16QAM	75	0	17.13	17.37	17.35		
15	64QAM	1	0	17.34	17.24	17.39	19	0
15	64QAM	1	37	17.22	17.28	17.33		
15	64QAM	1	74	17.27	17.41	17.38		
15	64QAM	36	0	17.23	17.31	17.33	19	0
15	64QAM	36	20	17.21	17.34	17.25		
15	64QAM	36	39	17.25	17.37	17.39		
15	64QAM	75	0	17.32	17.36	17.30		
15	256QAM	1	0	17.21	17.40	17.25	19	0
15	256QAM	1	37	17.23	17.46	17.25		
15	256QAM	1	74	17.28	17.40	17.27		
15	256QAM	36	0	17.24	17.37	17.36	19	0
15	256QAM	36	20	17.16	17.27	17.35		
15	256QAM	36	39	17.31	17.34	17.37		
15	256QAM	75	0	17.18	17.33	17.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.33	17.54	17.44	19	0
10	QPSK	1	25	17.46	17.43	17.38		
10	QPSK	1	49	17.34	17.32	17.35		
10	QPSK	25	0	17.20	17.40	17.30	19	0
10	QPSK	25	12	17.21	17.19	17.13		
10	QPSK	25	25	17.21	17.33	17.13		
10	QPSK	50	0	17.13	17.16	17.06		
10	16QAM	1	0	17.21	17.22	17.30	19	0
10	16QAM	1	25	17.18	17.12	17.18		
10	16QAM	1	49	17.19	17.14	17.20		
10	16QAM	25	0	17.33	17.28	17.23	19	0
10	16QAM	25	12	17.34	17.25	17.31		
10	16QAM	25	25	17.28	17.26	17.28		
10	16QAM	50	0	17.18	17.35	17.33		
10	64QAM	1	0	17.28	17.30	17.36	19	0
10	64QAM	1	25	17.19	17.26	17.30		
10	64QAM	1	49	17.25	17.42	17.39		
10	64QAM	25	0	17.33	17.33	17.33	19	0
10	64QAM	25	12	17.25	17.37	17.26		
10	64QAM	25	25	17.26	17.33	17.46		
10	64QAM	50	0	17.24	17.37	17.41		
10	256QAM	1	0	17.24	17.46	17.19	19	0
10	256QAM	1	25	17.10	17.50	17.21		
10	256QAM	1	49	17.28	17.25	17.31		
10	256QAM	25	0	17.28	17.45	17.25	19	0
10	256QAM	25	12	17.13	17.25	17.26		
10	256QAM	25	25	17.23	17.34	17.31		
10	256QAM	50	0	17.18	17.26	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.33	17.47	17.47	19	0
5	QPSK	1	12	17.45	17.48	17.34		
5	QPSK	1	24	17.26	17.41	17.35		
5	QPSK	12	0	17.21	17.35	17.33	19	0
5	QPSK	12	7	17.31	17.32	17.14		
5	QPSK	12	13	17.15	17.24	17.22		
5	QPSK	25	0	17.03	17.27	17.00		
5	16QAM	1	0	17.20	17.29	17.30	19	0
5	16QAM	1	12	17.21	17.20	17.25		
5	16QAM	1	24	17.18	17.17	17.27		
5	16QAM	12	0	17.33	17.23	17.21	19	0
5	16QAM	12	7	17.38	17.31	17.36		
5	16QAM	12	13	17.39	17.32	17.37		
5	16QAM	25	0	17.23	17.41	17.30		
5	64QAM	1	0	17.32	17.29	17.32	19	0
5	64QAM	1	12	17.17	17.20	17.40		
5	64QAM	1	24	17.27	17.43	17.30		
5	64QAM	12	0	17.23	17.35	17.31	19	0
5	64QAM	12	7	17.15	17.29	17.30		
5	64QAM	12	13	17.15	17.32	17.35		
5	64QAM	25	0	17.22	17.36	17.32		
5	256QAM	1	0	17.30	17.33	17.28	19	0
5	256QAM	1	12	17.23	17.46	17.30		
5	256QAM	1	24	17.30	17.31	17.26		
5	256QAM	12	0	17.32	17.45	17.31	19	0
5	256QAM	12	7	17.14	17.34	17.36		
5	256QAM	12	13	17.26	17.30	17.41		
5	256QAM	25	0	17.18	17.31	17.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.35	17.46	17.33	19	0
3	QPSK	1	8	17.34	17.40	17.34		
3	QPSK	1	14	17.31	17.43	17.39		
3	QPSK	8	0	17.14	17.42	17.24	19	0
3	QPSK	8	4	17.17	17.25	17.27		
3	QPSK	8	7	17.16	17.22	17.18		
3	QPSK	15	0	17.02	17.28	17.08		
3	16QAM	1	0	17.21	17.28	17.28	19	0
3	16QAM	1	8	17.25	17.21	17.24		
3	16QAM	1	14	17.16	17.12	17.17		
3	16QAM	8	0	17.27	17.29	17.26	19	0
3	16QAM	8	4	17.22	17.22	17.31		
3	16QAM	8	7	17.36	17.19	17.23		
3	16QAM	15	0	17.20	17.40	17.35		
3	64QAM	1	0	17.20	17.25	17.28	19	0
3	64QAM	1	8	17.22	17.30	17.32		
3	64QAM	1	14	17.24	17.33	17.24		
3	64QAM	8	0	17.24	17.30	17.23	19	0
3	64QAM	8	4	17.25	17.32	17.23		
3	64QAM	8	7	17.29	17.39	17.34		
3	64QAM	15	0	17.22	17.29	17.33		
3	256QAM	1	0	17.19	17.40	17.24	19	0
3	256QAM	1	8	17.20	17.41	17.34		
3	256QAM	1	14	17.37	17.34	17.26		
3	256QAM	8	0	17.20	17.44	17.30	19	0
3	256QAM	8	4	17.24	17.38	17.29		
3	256QAM	8	7	17.32	17.33	17.33		
3	256QAM	15	0	17.22	17.33	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.32	17.51	17.42	19	0
1.4	QPSK	1	3	17.45	17.37	17.33		
1.4	QPSK	1	5	17.38	17.41	17.27		
1.4	QPSK	3	0	17.16	17.36	17.24		
1.4	QPSK	3	1	17.23	17.25	17.22		
1.4	QPSK	3	3	17.23	17.27	17.15		
1.4	QPSK	6	0	17.15	17.20	17.13	19	0
1.4	16QAM	1	0	17.19	17.24	17.25	19	0
1.4	16QAM	1	3	17.13	17.13	17.23		
1.4	16QAM	1	5	17.09	17.23	17.25		
1.4	16QAM	3	0	17.23	17.30	17.21		
1.4	16QAM	3	1	17.25	17.24	17.30		
1.4	16QAM	3	3	17.24	17.25	17.26		
1.4	16QAM	6	0	17.18	17.33	17.30	19	0
1.4	64QAM	1	0	17.31	17.28	17.39	19	0
1.4	64QAM	1	3	17.25	17.33	17.33		
1.4	64QAM	1	5	17.31	17.36	17.24		
1.4	64QAM	3	0	17.31	17.34	17.28		
1.4	64QAM	3	1	17.20	17.32	17.30		
1.4	64QAM	3	3	17.18	17.40	17.41		
1.4	64QAM	6	0	17.32	17.40	17.32	19	0
1.4	256QAM	1	0	17.21	17.31	17.33	19	0
1.4	256QAM	1	3	17.24	17.49	17.20		
1.4	256QAM	1	5	17.36	17.30	17.26		
1.4	256QAM	3	0	17.27	17.36	17.35		
1.4	256QAM	3	1	17.20	17.28	17.35		
1.4	256QAM	3	3	17.29	17.33	17.26		
1.4	256QAM	6	0	17.18	17.39	17.26	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.95	17.12	17.07	18.5	0
20	QPSK	1	49	16.93	17.06	17.05		
20	QPSK	1	99	16.93	17.03	16.96		
20	QPSK	50	0	17.05	17.09	16.98	18.5	0
20	QPSK	50	24	16.89	16.84	16.85		
20	QPSK	50	50	16.87	16.84	16.86		
20	QPSK	100	0	16.71	17.03	16.65		
20	16QAM	1	0	16.83	16.87	16.88	18.5	0
20	16QAM	1	49	16.87	16.71	16.84		
20	16QAM	1	99	16.79	16.82	16.81		
20	16QAM	50	0	16.92	16.83	16.89	18.5	0
20	16QAM	50	24	16.91	16.83	16.95		
20	16QAM	50	50	16.93	16.91	17.00		
20	16QAM	100	0	16.85	16.97	16.98		
20	64QAM	1	0	16.83	16.87	17.01	18.5	0
20	64QAM	1	49	16.88	16.88	16.91		
20	64QAM	1	99	16.93	16.98	16.96		
20	64QAM	50	0	16.89	16.89	16.91	18.5	0
20	64QAM	50	24	16.90	16.85	16.87		
20	64QAM	50	50	16.80	17.06	17.00		
20	64QAM	100	0	16.97	16.91	17.04		
20	256QAM	1	0	16.89	16.98	16.96	18.5	0
20	256QAM	1	49	16.81	17.07	16.91		
20	256QAM	1	99	16.87	16.89	16.91		
20	256QAM	50	0	16.81	16.96	16.88	18.5	0
20	256QAM	50	24	16.75	16.90	16.96		
20	256QAM	50	50	16.90	16.97	17.02		
20	256QAM	100	0	16.90	16.93	16.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.91	17.00	16.95	18.5	0
15	QPSK	1	37	16.94	16.86	16.89		
15	QPSK	1	74	16.85	16.84	16.75		
15	QPSK	36	0	16.69	16.85	16.84	18.5	0
15	QPSK	36	20	16.81	16.74	16.79		
15	QPSK	36	39	16.77	16.82	16.68		
15	QPSK	75	0	16.58	16.73	16.59		
15	16QAM	1	0	16.69	16.75	16.87	18.5	0
15	16QAM	1	37	16.74	16.63	16.81		
15	16QAM	1	74	16.74	16.64	16.65		
15	16QAM	36	0	16.82	16.79	16.70	18.5	0
15	16QAM	36	20	16.84	16.73	16.92		
15	16QAM	36	39	16.84	16.69	16.76		
15	16QAM	75	0	16.69	16.92	16.76		
15	64QAM	1	0	16.77	16.78	16.88	18.5	0
15	64QAM	1	37	16.68	16.79	16.81		
15	64QAM	1	74	16.85	16.95	16.81		
15	64QAM	36	0	16.82	16.88	16.70	18.5	0
15	64QAM	36	20	16.80	16.84	16.80		
15	64QAM	36	39	16.66	16.94	16.96		
15	64QAM	75	0	16.72	16.89	16.79		
15	256QAM	1	0	16.83	16.89	16.78	18.5	0
15	256QAM	1	37	16.64	17.00	16.86		
15	256QAM	1	74	16.92	16.83	16.73		
15	256QAM	36	0	16.83	16.85	16.83	18.5	0
15	256QAM	36	20	16.73	16.77	16.81		
15	256QAM	36	39	16.84	16.78	16.78		
15	256QAM	75	0	16.76	16.91	16.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.93	17.06	16.91	18.5	0
10	QPSK	1	25	16.91	16.92	16.90		
10	QPSK	1	49	16.78	16.94	16.87		
10	QPSK	25	0	16.67	16.94	16.84	18.5	0
10	QPSK	25	12	16.70	16.77	16.71		
10	QPSK	25	25	16.73	16.72	16.61		
10	QPSK	50	0	16.65	16.77	16.57		
10	16QAM	1	0	16.66	16.70	16.81	18.5	0
10	16QAM	1	25	16.65	16.66	16.67		
10	16QAM	1	49	16.67	16.65	16.64		
10	16QAM	25	0	16.73	16.77	16.74	18.5	0
10	16QAM	25	12	16.83	16.70	16.91		
10	16QAM	25	25	16.75	16.81	16.87		
10	16QAM	50	0	16.72	16.85	16.89		
10	64QAM	1	0	16.81	16.84	16.85	18.5	0
10	64QAM	1	25	16.82	16.72	16.84		
10	64QAM	1	49	16.72	16.86	16.76		
10	64QAM	25	0	16.87	16.87	16.83	18.5	0
10	64QAM	25	12	16.69	16.85	16.70		
10	64QAM	25	25	16.79	16.81	16.96		
10	64QAM	50	0	16.74	16.82	16.89		
10	256QAM	1	0	16.77	16.98	16.81	18.5	0
10	256QAM	1	25	16.76	16.97	16.84		
10	256QAM	1	49	16.84	16.83	16.87		
10	256QAM	25	0	16.85	16.82	16.77	18.5	0
10	256QAM	25	12	16.71	16.81	16.74		
10	256QAM	25	25	16.75	16.80	16.78		
10	256QAM	50	0	16.70	16.81	16.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.92	16.96	16.90	18.5	0
5	QPSK	1	12	16.99	16.90	16.84		
5	QPSK	1	24	16.91	16.93	16.88		
5	QPSK	12	0	16.74	16.90	16.72	18.5	0
5	QPSK	12	7	16.68	16.85	16.70		
5	QPSK	12	13	16.72	16.79	16.68		
5	QPSK	25	0	16.55	16.77	16.59		
5	16QAM	1	0	16.65	16.75	16.74	18.5	0
5	16QAM	1	12	16.71	16.71	16.70		
5	16QAM	1	24	16.71	16.73	16.75		
5	16QAM	12	0	16.75	16.66	16.82	18.5	0
5	16QAM	12	7	16.76	16.72	16.83		
5	16QAM	12	13	16.78	16.82	16.83		
5	16QAM	25	0	16.72	16.92	16.77		
5	64QAM	1	0	16.69	16.72	16.79	18.5	0
5	64QAM	1	12	16.74	16.78	16.83		
5	64QAM	1	24	16.78	16.92	16.86		
5	64QAM	12	0	16.78	16.83	16.73	18.5	0
5	64QAM	12	7	16.82	16.74	16.71		
5	64QAM	12	13	16.69	16.82	16.93		
5	64QAM	25	0	16.73	16.90	16.85		
5	256QAM	1	0	16.83	16.89	16.72	18.5	0
5	256QAM	1	12	16.74	16.94	16.71		
5	256QAM	1	24	16.89	16.76	16.76		
5	256QAM	12	0	16.71	16.87	16.79	18.5	0
5	256QAM	12	7	16.70	16.89	16.82		
5	256QAM	12	13	16.69	16.88	16.83		
5	256QAM	25	0	16.80	16.75	16.88		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.90	17.00	16.83	18.5	0
3	QPSK	1	8	16.85	16.89	16.86		
3	QPSK	1	14	16.84	16.91	16.90		
3	QPSK	8	0	16.75	16.87	16.76	18.5	0
3	QPSK	8	4	16.80	16.79	16.75		
3	QPSK	8	7	16.66	16.86	16.77		
3	QPSK	15	0	16.56	16.71	16.59		
3	16QAM	1	0	16.67	16.74	16.79	18.5	0
3	16QAM	1	8	16.74	16.67	16.83		
3	16QAM	1	14	16.73	16.74	16.71		
3	16QAM	8	0	16.85	16.74	16.79	18.5	0
3	16QAM	8	4	16.76	16.73	16.88		
3	16QAM	8	7	16.77	16.82	16.82		
3	16QAM	15	0	16.64	16.83	16.78		
3	64QAM	1	0	16.80	16.72	16.90	18.5	0
3	64QAM	1	8	16.81	16.82	16.86		
3	64QAM	1	14	16.78	16.90	16.83		
3	64QAM	8	0	16.88	16.89	16.83	18.5	0
3	64QAM	8	4	16.82	16.77	16.71		
3	64QAM	8	7	16.65	16.89	16.82		
3	64QAM	15	0	16.74	16.79	16.90		
3	256QAM	1	0	16.82	16.96	16.77	18.5	0
3	256QAM	1	8	16.62	16.96	16.72		
3	256QAM	1	14	16.85	16.86	16.85		
3	256QAM	8	0	16.71	16.84	16.88	18.5	0
3	256QAM	8	4	16.74	16.79	16.80		
3	256QAM	8	7	16.80	16.77	16.92		
3	256QAM	15	0	16.74	16.84	16.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.93	17.03	16.88	18.5	0
1.4	QPSK	1	3	16.99	16.99	16.97		
1.4	QPSK	1	5	16.86	16.91	16.75		
1.4	QPSK	3	0	16.68	16.97	16.70		
1.4	QPSK	3	1	16.68	16.72	16.74		
1.4	QPSK	3	3	16.71	16.79	16.67		
1.4	QPSK	6	0	16.57	16.80	16.63	18.5	0
1.4	16QAM	1	0	16.64	16.69	16.85	18.5	0
1.4	16QAM	1	3	16.74	16.74	16.83		
1.4	16QAM	1	5	16.62	16.69	16.75		
1.4	16QAM	3	0	16.81	16.71	16.76		
1.4	16QAM	3	1	16.75	16.74	16.95		
1.4	16QAM	3	3	16.84	16.81	16.81		
1.4	16QAM	6	0	16.65	16.85	16.76	18.5	0
1.4	64QAM	1	0	16.82	16.84	16.87	18.5	0
1.4	64QAM	1	3	16.77	16.81	16.78		
1.4	64QAM	1	5	16.78	16.96	16.78		
1.4	64QAM	3	0	16.87	16.85	16.70		
1.4	64QAM	3	1	16.69	16.76	16.72		
1.4	64QAM	3	3	16.68	16.90	16.86		
1.4	64QAM	6	0	16.84	16.86	16.93	18.5	0
1.4	256QAM	1	0	16.72	16.90	16.73	18.5	0
1.4	256QAM	1	3	16.74	16.90	16.80		
1.4	256QAM	1	5	16.86	16.78	16.78		
1.4	256QAM	3	0	16.79	16.89	16.80		
1.4	256QAM	3	1	16.68	16.83	16.85		
1.4	256QAM	3	3	16.74	16.81	16.85		
1.4	256QAM	6	0	16.75	16.79	16.88	18.5	0

Reduced Power Mode for Other PA ECI3

Band 5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.20	25.24	25.21	25.7	0
10	QPSK	1	25	25.18	25.23	25.20		
10	QPSK	1	49	25.21	25.14	25.22		
10	QPSK	25	0	24.41	24.45	24.37	24.7	1
10	QPSK	25	12	24.29	24.35	24.24		
10	QPSK	25	25	24.31	24.35	24.27		
10	QPSK	50	0	24.18	24.25	24.12		
10	16QAM	1	0	24.17	24.29	24.30	24.7	1
10	16QAM	1	25	23.98	24.14	24.09		
10	16QAM	1	49	23.93	24.08	24.27		
10	16QAM	25	0	23.20	23.20	23.16	23.7	2
10	16QAM	25	12	23.00	23.14	23.05		
10	16QAM	25	25	23.02	23.17	23.14		
10	16QAM	50	0	23.22	23.35	23.30		
10	64QAM	1	0	23.06	23.17	23.01	23.7	2
10	64QAM	1	25	23.09	23.15	22.95		
10	64QAM	1	49	22.90	23.16	22.83		
10	64QAM	25	0	22.20	22.24	22.27	22.7	3
10	64QAM	25	12	22.15	22.28	22.14		
10	64QAM	25	25	22.13	22.22	22.23		
10	64QAM	50	0	22.24	22.29	22.29		
10	256QAM	1	0	20.08	20.26	20.04	20.7	5
10	256QAM	1	25	20.08	20.10	19.89		
10	256QAM	1	49	20.05	20.08	19.93		
10	256QAM	25	0	20.21	20.24	20.14	20.7	5
10	256QAM	25	12	20.09	20.10	20.13		
10	256QAM	25	25	20.00	20.23	20.02		
10	256QAM	50	0	20.22	20.28	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.08	25.16	25.19	25.7	0
5	QPSK	1	12	25.03	25.10	25.07		
5	QPSK	1	24	25.19	25.07	25.10		
5	QPSK	12	0	24.26	24.38	24.22	24.7	1
5	QPSK	12	7	24.16	24.23	24.15		
5	QPSK	12	13	24.23	24.22	24.21		
5	QPSK	25	0	24.06	24.11	24.06		
5	16QAM	1	0	24.00	24.11	24.19	24.7	1
5	16QAM	1	12	23.82	24.00	24.05		
5	16QAM	1	24	23.79	23.98	24.23		
5	16QAM	12	0	23.11	23.09	23.10	23.7	2
5	16QAM	12	7	22.85	23.02	22.98		
5	16QAM	12	13	22.85	23.10	23.01		
5	16QAM	25	0	23.11	23.22	23.19		
5	64QAM	1	0	22.99	23.07	22.86	23.7	2
5	64QAM	1	12	22.91	23.11	22.83		
5	64QAM	1	24	22.77	23.12	22.79		
5	64QAM	12	0	22.12	22.15	22.22	22.7	3
5	64QAM	12	7	22.13	22.15	22.03		
5	64QAM	12	13	21.99	22.04	22.08		
5	64QAM	25	0	22.14	22.14	22.24		
5	256QAM	1	0	20.04	20.10	19.99	20.7	5
5	256QAM	1	12	19.92	19.95	19.84		
5	256QAM	1	24	19.90	19.93	19.80		
5	256QAM	12	0	20.16	20.22	20.00	20.7	5
5	256QAM	12	7	19.93	20.00	20.02		
5	256QAM	12	13	19.85	20.15	19.99		
5	256QAM	25	0	20.14	20.16	20.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.02	25.09	25.13	25.7	0
3	QPSK	1	8	25.09	25.01	25.02		
3	QPSK	1	14	25.11	24.94	25.10		
3	QPSK	8	0	24.29	24.26	24.25	24.7	1
3	QPSK	8	4	24.16	24.23	24.14		
3	QPSK	8	7	24.10	24.28	24.14		
3	QPSK	15	0	23.98	24.09	23.96		
3	16QAM	1	0	24.06	24.08	24.09	24.7	1
3	16QAM	1	8	23.83	23.97	23.92		
3	16QAM	1	14	23.83	23.95	24.05		
3	16QAM	8	0	23.07	23.10	22.93	23.7	2
3	16QAM	8	4	22.79	22.97	22.91		
3	16QAM	8	7	22.87	23.04	22.96		
3	16QAM	15	0	22.99	23.27	23.23		
3	64QAM	1	0	22.95	22.99	22.91	23.7	2
3	64QAM	1	8	22.94	22.93	22.78		
3	64QAM	1	14	22.82	23.04	22.71		
3	64QAM	8	0	22.07	22.04	22.15	22.7	3
3	64QAM	8	4	21.93	22.18	22.04		
3	64QAM	8	7	21.91	22.13	22.01		
3	64QAM	15	0	22.12	22.18	22.22		
3	256QAM	1	0	19.87	20.18	19.95	20.7	5
3	256QAM	1	8	19.86	19.96	19.70		
3	256QAM	1	14	19.82	19.98	19.71		
3	256QAM	8	0	20.03	20.02	20.01	20.7	5
3	256QAM	8	4	19.96	19.90	19.97		
3	256QAM	8	7	19.87	20.11	19.82		
3	256QAM	15	0	20.09	20.10	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.98	25.04	25.09	25.7	0
1.4	QPSK	1	3	24.93	24.98	25.10		
1.4	QPSK	1	5	25.09	24.96	25.01		
1.4	QPSK	3	0	25.05	25.07	25.00		
1.4	QPSK	3	1	24.99	25.09	25.06		
1.4	QPSK	3	3	25.03	24.89	24.98		
1.4	QPSK	6	0	24.26	24.31	24.20	24.7	1
1.4	16QAM	1	0	24.18	24.18	24.01	24.7	1
1.4	16QAM	1	3	24.08	24.13	24.05		
1.4	16QAM	1	5	24.01	24.11	23.89		
1.4	16QAM	3	0	23.97	24.18	24.12		
1.4	16QAM	3	1	23.75	23.92	23.89		
1.4	16QAM	3	3	23.82	23.90	24.05		
1.4	16QAM	6	0	23.06	23.03	22.98	23.7	2
1.4	64QAM	1	0	22.85	22.90	22.92	23.7	2
1.4	64QAM	1	3	22.76	23.03	23.03		
1.4	64QAM	1	5	23.03	23.15	23.14		
1.4	64QAM	3	0	22.88	23.07	22.75		
1.4	64QAM	3	1	22.90	22.94	22.83		
1.4	64QAM	3	3	22.78	22.92	22.64		
1.4	64QAM	6	0	21.96	22.07	22.06	22.7	3
1.4	256QAM	1	0	19.97	20.04	19.79	20.7	5
1.4	256QAM	1	3	19.97	19.97	19.89		
1.4	256QAM	1	5	19.91	19.91	19.70		
1.4	256QAM	3	0	19.96	20.09	19.94		
1.4	256QAM	3	1	19.89	19.93	20.00		
1.4	256QAM	3	3	19.82	20.09	19.89		
1.4	256QAM	6	0	20.05	20.07	20.02	20.7	5

Band 5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.25	20.47	20.38		
10	QPSK	1	25	20.34	20.27	20.26	20.7	0
10	QPSK	1	49	20.21	20.23	20.20		
10	QPSK	25	0	20.20	20.34	20.15		
10	QPSK	25	12	20.09	20.14	20.13	20.7	0
10	QPSK	25	25	20.05	20.23	20.06		
10	QPSK	50	0	20.29	20.31	20.22		
10	16QAM	1	0	20.14	20.22	20.21		
10	16QAM	1	25	20.14	20.07	20.13	20.7	0
10	16QAM	1	49	20.02	20.06	20.04		
10	16QAM	25	0	20.17	20.07	20.21		
10	16QAM	25	12	20.14	20.18	20.30	20.7	0
10	16QAM	25	25	20.31	20.18	20.26		
10	16QAM	50	0	20.13	20.37	20.26		
10	64QAM	1	0	20.17	20.20	20.21		
10	64QAM	1	25	20.19	20.20	20.20	20.7	0
10	64QAM	1	49	20.24	20.29	20.24		
10	64QAM	25	0	20.27	20.28	20.22		
10	64QAM	25	12	20.09	20.22	20.19	20.7	0
10	64QAM	25	25	20.21	20.30	20.31		
10	64QAM	50	0	20.23	20.31	20.25		
10	256QAM	1	0	20.15	20.29	20.20		
10	256QAM	1	25	20.06	20.30	20.24	20.7	0
10	256QAM	1	49	20.32	20.18	20.29		
10	256QAM	25	0	20.19	20.28	20.21		
10	256QAM	25	12	20.17	20.20	20.19	20.7	0
10	256QAM	25	25	20.16	20.26	20.34		
10	256QAM	50	0	20.21	20.22	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.22	20.23	20.20		
5	QPSK	1	12	20.27	20.27	20.16	20.7	0
5	QPSK	1	24	20.09	20.16	20.18		
5	QPSK	12	0	20.09	20.16	20.09		
5	QPSK	12	7	20.02	20.14	20.07	20.7	0
5	QPSK	12	13	20.01	20.07	20.01		
5	QPSK	25	0	19.81	20.13	19.93		
5	16QAM	1	0	20.03	20.08	20.10		
5	16QAM	1	12	20.04	19.97	20.06	20.7	0
5	16QAM	1	24	19.90	19.96	20.00		
5	16QAM	12	0	20.15	20.02	20.08		
5	16QAM	12	7	20.09	20.10	20.20	20.7	0
5	16QAM	12	13	20.13	20.02	20.16		
5	16QAM	25	0	19.95	20.27	20.08		
5	64QAM	1	0	20.08	20.04	20.18		
5	64QAM	1	12	20.12	20.02	20.23	20.7	0
5	64QAM	1	24	20.11	20.16	20.09		
5	64QAM	12	0	20.12	20.19	20.01		
5	64QAM	12	7	20.05	20.12	20.08	20.7	0
5	64QAM	12	13	19.97	20.15	20.26		
5	64QAM	25	0	20.04	20.16	20.16		
5	256QAM	1	0	20.02	20.29	20.12		
5	256QAM	1	12	19.96	20.30	20.06	20.7	0
5	256QAM	1	24	20.22	20.13	20.05		
5	256QAM	12	0	20.16	20.24	20.09		
5	256QAM	12	7	19.95	20.15	20.14	20.7	0
5	256QAM	12	13	20.03	20.07	20.22		
5	256QAM	25	0	20.13	20.21	20.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.19	20.27	20.16		
3	QPSK	1	8	20.28	20.21	20.24	20.7	0
3	QPSK	1	14	20.12	20.24	20.12		
3	QPSK	8	0	19.98	20.29	20.01		
3	QPSK	8	4	20.09	20.10	19.96	20.7	0
3	QPSK	8	7	19.97	20.10	20.06		
3	QPSK	15	0	19.88	20.09	19.80		
3	16QAM	1	0	20.02	19.99	20.02		
3	16QAM	1	8	19.97	20.04	20.13	20.7	0
3	16QAM	1	14	19.93	19.99	19.99		
3	16QAM	8	0	20.13	20.09	20.12		
3	16QAM	8	4	20.07	20.03	20.16	20.7	0
3	16QAM	8	7	20.22	20.12	20.05		
3	16QAM	15	0	20.01	20.13	20.11		
3	64QAM	1	0	20.04	20.05	20.17		
3	64QAM	1	8	20.00	20.02	20.11	20.7	0
3	64QAM	1	14	20.07	20.25	20.17		
3	64QAM	8	0	20.17	20.23	20.02		
3	64QAM	8	4	19.99	20.04	20.09	20.7	0
3	64QAM	8	7	19.95	20.24	20.15		
3	64QAM	15	0	20.04	20.10	20.18		
3	256QAM	1	0	20.14	20.22	20.15		
3	256QAM	1	8	20.04	20.35	20.10	20.7	0
3	256QAM	1	14	20.14	20.17	20.10		
3	256QAM	8	0	20.02	20.15	20.20		
3	256QAM	8	4	20.01	20.21	20.09	20.7	0
3	256QAM	8	7	20.03	20.07	20.22		
3	256QAM	15	0	20.04	20.12	20.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.15	20.37	20.13		
1.4	QPSK	1	3	20.15	20.25	20.25		
1.4	QPSK	1	5	20.20	20.23	20.22	20.7	0
1.4	QPSK	3	0	20.04	20.19	20.12		
1.4	QPSK	3	1	20.05	20.10	19.98		
1.4	QPSK	3	3	19.98	20.03	19.94		
1.4	QPSK	6	0	19.87	19.98	19.86	20.7	0
1.4	16QAM	1	0	20.01	20.12	20.18		
1.4	16QAM	1	3	19.93	19.98	20.03		
1.4	16QAM	1	5	20.04	19.91	20.01	20.7	0
1.4	16QAM	3	0	20.13	20.08	20.07		
1.4	16QAM	3	1	20.12	19.99	20.22		
1.4	16QAM	3	3	20.14	20.01	20.09		
1.4	16QAM	6	0	20.02	20.20	20.19	20.7	0
1.4	64QAM	1	0	20.11	20.05	20.14		
1.4	64QAM	1	3	20.04	20.08	20.13		
1.4	64QAM	1	5	20.11	20.15	20.10	20.7	0
1.4	64QAM	3	0	20.07	20.10	20.12		
1.4	64QAM	3	1	20.09	20.13	20.09		
1.4	64QAM	3	3	20.07	20.12	20.28		
1.4	64QAM	6	0	20.14	20.22	20.18	20.7	0
1.4	256QAM	1	0	20.03	20.17	20.05		
1.4	256QAM	1	3	19.97	20.25	20.15		
1.4	256QAM	1	5	20.17	20.08	20.17	20.7	0
1.4	256QAM	3	0	20.08	20.17	20.05		
1.4	256QAM	3	1	19.99	20.12	20.19		
1.4	256QAM	3	3	20.01	20.11	20.13		
1.4	256QAM	6	0	20.08	20.16	20.09	20.7	0

Band 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.12	18.37	18.31	19.5	0
20	QPSK	1	49	18.24	18.21	18.23		
20	QPSK	1	99	18.18	18.16	18.22		
20	QPSK	50	0	18.29	18.31	18.26	19.5	0
20	QPSK	50	24	18.06	18.02	18.10		
20	QPSK	50	50	18.07	18.03	18.03		
20	QPSK	100	0	18.21	18.29	18.05		
20	16QAM	1	0	18.01	18.00	18.11	19.5	0
20	16QAM	1	49	17.98	18.07	18.13		
20	16QAM	1	99	17.96	18.06	17.98		
20	16QAM	50	0	18.14	18.12	18.10	19.5	0
20	16QAM	50	24	18.21	18.13	18.25		
20	16QAM	50	50	18.22	18.11	18.17		
20	16QAM	100	0	18.10	18.26	18.11		
20	64QAM	1	0	18.12	18.15	18.11	19.5	0
20	64QAM	1	49	18.16	18.08	18.12		
20	64QAM	1	99	18.15	18.29	18.15		
20	64QAM	50	0	18.14	18.25	18.02	19.5	0
20	64QAM	50	24	18.08	18.13	17.98		
20	64QAM	50	50	18.08	18.28	18.27		
20	64QAM	100	0	18.12	18.19	18.12		
20	256QAM	1	0	18.06	18.16	18.07	19.5	0
20	256QAM	1	49	18.09	18.35	18.08		
20	256QAM	1	99	18.19	18.18	18.20		
20	256QAM	50	0	18.07	18.16	18.11	19.5	0
20	256QAM	50	24	18.07	18.12	18.13		
20	256QAM	50	50	18.10	18.21	18.18		
20	256QAM	100	0	18.06	18.11	18.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.16	18.19	18.16	19.5	0
15	QPSK	1	37	18.07	18.22	18.08		
15	QPSK	1	74	18.01	18.15	18.02		
15	QPSK	36	0	17.99	18.05	18.03	19.5	0
15	QPSK	36	20	17.91	18.03	17.98		
15	QPSK	36	39	17.89	18.08	17.91		
15	QPSK	75	0	17.85	18.04	17.80		
15	16QAM	1	0	17.83	17.95	18.00	19.5	0
15	16QAM	1	37	17.89	17.86	17.98		
15	16QAM	1	74	17.92	17.84	18.00		
15	16QAM	36	0	18.02	18.03	18.01	19.5	0
15	16QAM	36	20	18.02	18.01	18.07		
15	16QAM	36	39	18.14	17.93	18.10		
15	16QAM	75	0	17.88	18.19	18.14		
15	64QAM	1	0	18.05	17.98	18.00	19.5	0
15	64QAM	1	37	18.02	17.94	18.01		
15	64QAM	1	74	18.08	18.13	18.00		
15	64QAM	36	0	18.03	18.01	17.97	19.5	0
15	64QAM	36	20	18.04	17.99	17.94		
15	64QAM	36	39	17.95	18.16	18.11		
15	64QAM	75	0	17.96	18.12	18.16		
15	256QAM	1	0	17.96	18.14	17.96	19.5	0
15	256QAM	1	37	17.85	18.26	18.00		
15	256QAM	1	74	18.10	18.08	18.00		
15	256QAM	36	0	17.98	18.07	18.02	19.5	0
15	256QAM	36	20	17.94	18.13	18.12		
15	256QAM	36	39	17.91	18.03	18.01		
15	256QAM	75	0	17.99	17.98	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.03	18.20	18.16	19.5	0
10	QPSK	1	25	18.15	18.09	18.15		
10	QPSK	1	49	18.05	18.15	18.03		
10	QPSK	25	0	17.89	18.18	18.05	19.5	0
10	QPSK	25	12	17.97	18.02	17.96		
10	QPSK	25	25	17.91	18.04	17.90		
10	QPSK	50	0	17.85	17.91	17.82		
10	16QAM	1	0	17.96	17.99	18.02	19.5	0
10	16QAM	1	25	17.86	17.85	17.95		
10	16QAM	1	49	17.95	17.97	17.91		
10	16QAM	25	0	17.96	17.90	18.00	19.5	0
10	16QAM	25	12	18.07	17.93	18.02		
10	16QAM	25	25	18.05	17.99	17.97		
10	16QAM	50	0	17.99	18.05	18.01		
10	64QAM	1	0	18.01	17.97	18.02	19.5	0
10	64QAM	1	25	17.92	18.01	18.10		
10	64QAM	1	49	18.05	18.11	18.08		
10	64QAM	25	0	18.00	18.13	17.96	19.5	0
10	64QAM	25	12	18.00	18.02	17.88		
10	64QAM	25	25	17.96	18.04	18.18		
10	64QAM	50	0	18.08	18.10	18.02		
10	256QAM	1	0	18.06	18.17	17.96	19.5	0
10	256QAM	1	25	17.87	18.18	18.01		
10	256QAM	1	49	18.05	18.08	18.08		
10	256QAM	25	0	17.94	18.19	17.99	19.5	0
10	256QAM	25	12	18.00	18.06	18.09		
10	256QAM	25	25	18.04	18.07	18.01		
10	256QAM	50	0	17.98	18.13	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.12	18.27	18.11	19.5	0
5	QPSK	1	12	18.14	18.11	18.16		
5	QPSK	1	24	18.07	18.05	18.04		
5	QPSK	12	0	17.87	18.20	17.97	19.5	0
5	QPSK	12	7	18.02	17.93	17.94		
5	QPSK	12	13	17.89	18.04	17.96		
5	QPSK	25	0	17.80	17.96	17.72		
5	16QAM	1	0	17.97	17.90	18.04	19.5	0
5	16QAM	1	12	17.87	17.94	17.93		
5	16QAM	1	24	17.90	17.87	17.92		
5	16QAM	12	0	17.97	17.99	17.93	19.5	0
5	16QAM	12	7	18.10	17.91	18.17		
5	16QAM	12	13	18.13	18.02	18.01		
5	16QAM	25	0	17.98	18.07	18.00		
5	64QAM	1	0	17.93	18.06	18.07	19.5	0
5	64QAM	1	12	18.04	18.05	18.09		
5	64QAM	1	24	18.04	18.18	18.00		
5	64QAM	12	0	18.09	18.15	17.99	19.5	0
5	64QAM	12	7	17.91	17.95	17.93		
5	64QAM	12	13	17.87	18.14	18.20		
5	64QAM	25	0	18.05	18.05	18.12		
5	256QAM	1	0	17.95	18.10	17.99	19.5	0
5	256QAM	1	12	17.97	18.12	18.06		
5	256QAM	1	24	18.12	18.04	18.00		
5	256QAM	12	0	17.94	18.07	18.12	19.5	0
5	256QAM	12	7	17.84	18.00	18.07		
5	256QAM	12	13	18.01	18.01	18.09		
5	256QAM	25	0	17.92	18.08	17.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.18	18.17	19.5	0
3	QPSK	1	8	18.09	18.10	18.13		
3	QPSK	1	14	18.04	18.07	18.11		
3	QPSK	8	0	18.00	18.13	18.07	19.5	0
3	QPSK	8	4	18.06	18.02	17.99		
3	QPSK	8	7	17.98	17.95	17.86		
3	QPSK	15	0	17.87	17.92	17.81		
3	16QAM	1	0	17.92	18.05	18.04	19.5	0
3	16QAM	1	8	17.90	17.89	17.97		
3	16QAM	1	14	17.89	17.96	17.97		
3	16QAM	8	0	17.99	17.93	17.97	19.5	0
3	16QAM	8	4	18.05	17.97	18.08		
3	16QAM	8	7	18.00	18.05	18.08		
3	16QAM	15	0	17.88	18.08	17.98		
3	64QAM	1	0	17.92	18.01	18.03	19.5	0
3	64QAM	1	8	17.97	17.96	18.12		
3	64QAM	1	14	18.05	18.15	18.09		
3	64QAM	8	0	18.01	18.15	17.93	19.5	0
3	64QAM	8	4	17.94	18.05	17.89		
3	64QAM	8	7	18.02	18.05	18.07		
3	64QAM	15	0	18.06	18.03	18.01		
3	256QAM	1	0	17.93	18.20	18.00	19.5	0
3	256QAM	1	8	17.94	18.19	17.99		
3	256QAM	1	14	18.01	17.99	18.10		
3	256QAM	8	0	18.07	18.06	18.11	19.5	0
3	256QAM	8	4	17.94	18.04	18.09		
3	256QAM	8	7	17.91	18.10	18.12		
3	256QAM	15	0	18.06	18.00	17.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.02	18.30	18.11	19.5	0
1.4	QPSK	1	3	18.12	18.20	18.13		
1.4	QPSK	1	5	18.15	18.09	18.03		
1.4	QPSK	3	0	18.00	18.13	17.98		
1.4	QPSK	3	1	17.95	18.04	17.93		
1.4	QPSK	3	3	17.97	18.01	17.85		
1.4	QPSK	6	0	17.81	18.02	17.79	19.5	0
1.4	16QAM	1	0	17.98	17.92	18.03	19.5	0
1.4	16QAM	1	3	17.98	17.89	17.96		
1.4	16QAM	1	5	17.90	17.95	17.96		
1.4	16QAM	3	0	18.02	17.92	17.97		
1.4	16QAM	3	1	17.99	17.93	18.14		
1.4	16QAM	3	3	18.09	18.04	18.04		
1.4	16QAM	6	0	18.02	18.15	18.13	19.5	0
1.4	64QAM	1	0	18.08	18.01	18.13	19.5	0
1.4	64QAM	1	3	17.90	17.97	18.10		
1.4	64QAM	1	5	18.08	18.12	18.03		
1.4	64QAM	3	0	18.04	18.09	17.95		
1.4	64QAM	3	1	17.95	18.08	18.01		
1.4	64QAM	3	3	18.02	18.11	18.08		
1.4	64QAM	6	0	17.96	18.09	18.12	19.5	0
1.4	256QAM	1	0	18.01	18.11	17.96	19.5	0
1.4	256QAM	1	3	17.96	18.24	18.05		
1.4	256QAM	1	5	18.15	18.08	17.97		
1.4	256QAM	3	0	18.02	18.19	18.02		
1.4	256QAM	3	1	17.96	18.06	18.03		
1.4	256QAM	3	3	18.00	18.08	18.15		
1.4	256QAM	6	0	17.96	18.01	18.00	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.35	18.26	19.2	0
20	QPSK	1	49	18.31	18.19	18.20		
20	QPSK	1	99	18.15	18.26	18.10		
20	QPSK	50	0	18.04	18.27	18.05	19.2	0
20	QPSK	50	24	18.13	18.17	18.04		
20	QPSK	50	50	17.98	18.10	17.95		
20	QPSK	100	0	18.03	18.19	18.06		
20	16QAM	1	0	18.01	18.07	18.11	19.2	0
20	16QAM	1	49	17.99	18.01	18.04		
20	16QAM	1	99	18.05	18.01	18.05		
20	16QAM	50	0	18.05	18.02	18.04	19.2	0
20	16QAM	50	24	18.11	18.15	18.19		
20	16QAM	50	50	18.18	18.03	18.10		
20	16QAM	100	0	17.99	18.30	18.24		
20	64QAM	1	0	18.05	18.13	18.25	19.2	0
20	64QAM	1	49	18.11	18.03	18.18		
20	64QAM	1	99	18.16	18.32	18.10		
20	64QAM	50	0	18.15	18.15	18.11	19.2	0
20	64QAM	50	24	18.05	18.05	17.98		
20	64QAM	50	50	18.04	18.20	18.25		
20	64QAM	100	0	18.13	18.11	18.20		
20	256QAM	1	0	18.03	18.17	18.09	19.2	0
20	256QAM	1	49	17.95	18.28	18.16		
20	256QAM	1	99	18.19	18.14	18.09		
20	256QAM	50	0	18.10	18.17	18.09	19.2	0
20	256QAM	50	24	18.02	18.22	18.18		
20	256QAM	50	50	18.01	18.07	18.24		
20	256QAM	100	0	18.01	18.12	18.23		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.03	18.30	18.10	19.2	0
15	QPSK	1	37	18.15	18.18	18.20		
15	QPSK	1	74	18.10	18.09	18.02		
15	QPSK	36	0	17.95	18.13	18.08	19.2	0
15	QPSK	36	20	17.97	17.93	17.88		
15	QPSK	36	39	17.99	17.98	17.84		
15	QPSK	75	0	17.75	17.98	17.81		
15	16QAM	1	0	17.96	17.93	18.01	19.2	0
15	16QAM	1	37	17.93	17.99	17.99		
15	16QAM	1	74	17.86	17.96	17.87		
15	16QAM	36	0	18.06	18.00	18.01	19.2	0
15	16QAM	36	20	18.10	18.01	18.06		
15	16QAM	36	39	18.00	17.92	18.13		
15	16QAM	75	0	17.99	18.16	18.06		
15	64QAM	1	0	17.96	17.98	18.15	19.2	0
15	64QAM	1	37	17.95	17.92	18.10		
15	64QAM	1	74	18.01	18.09	18.03		
15	64QAM	36	0	17.98	18.16	17.96	19.2	0
15	64QAM	36	20	18.03	18.05	18.00		
15	64QAM	36	39	17.91	18.09	18.16		
15	64QAM	75	0	17.97	18.11	18.08		
15	256QAM	1	0	18.05	18.12	18.04	19.2	0
15	256QAM	1	37	17.94	18.22	18.03		
15	256QAM	1	74	18.15	18.10	18.02		
15	256QAM	36	0	17.99	18.14	17.98	19.2	0
15	256QAM	36	20	17.88	18.00	18.11		
15	256QAM	36	39	17.95	18.12	18.10		
15	256QAM	75	0	17.97	18.04	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.05	18.25	18.06	19.2	0
10	QPSK	1	25	18.17	18.18	18.09		
10	QPSK	1	49	18.06	18.10	18.02		
10	QPSK	25	0	17.90	18.13	17.97	19.2	0
10	QPSK	25	12	17.94	18.03	17.98		
10	QPSK	25	25	17.88	18.08	17.99		
10	QPSK	50	0	17.87	17.91	17.71		
10	16QAM	1	0	17.91	17.94	18.10	19.2	0
10	16QAM	1	25	18.01	17.97	18.04		
10	16QAM	1	49	17.94	17.85	17.96		
10	16QAM	25	0	18.10	18.03	17.92	19.2	0
10	16QAM	25	12	18.00	17.96	18.02		
10	16QAM	25	25	18.04	18.08	17.98		
10	16QAM	50	0	17.89	18.10	17.99		
10	64QAM	1	0	17.99	17.96	18.05	19.2	0
10	64QAM	1	25	17.97	17.96	18.11		
10	64QAM	1	49	17.95	18.14	18.11		
10	64QAM	25	0	17.97	18.06	18.05	19.2	0
10	64QAM	25	12	17.96	18.03	17.92		
10	64QAM	25	25	17.89	18.09	18.06		
10	64QAM	50	0	18.10	18.14	18.13		
10	256QAM	1	0	18.05	18.16	18.07	19.2	0
10	256QAM	1	25	17.90	18.15	18.02		
10	256QAM	1	49	18.04	18.07	18.09		
10	256QAM	25	0	17.96	18.07	18.05	19.2	0
10	256QAM	25	12	17.95	18.11	18.13		
10	256QAM	25	25	18.03	18.02	18.02		
10	256QAM	50	0	17.96	18.09	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.15	18.17	18.07	19.2	0
5	QPSK	1	12	18.12	18.09	18.09		
5	QPSK	1	24	18.15	18.14	17.99		
5	QPSK	12	0	17.97	18.16	17.98	19.2	0
5	QPSK	12	7	17.91	18.07	17.92		
5	QPSK	12	13	17.95	18.00	17.84		
5	QPSK	25	0	17.76	17.90	17.75		
5	16QAM	1	0	17.90	17.91	18.05	19.2	0
5	16QAM	1	12	17.94	17.96	18.03		
5	16QAM	1	24	17.93	17.95	17.94		
5	16QAM	12	0	18.06	17.91	17.91	19.2	0
5	16QAM	12	7	18.06	17.99	18.11		
5	16QAM	12	13	18.12	17.98	17.99		
5	16QAM	25	0	17.98	18.18	18.01		
5	64QAM	1	0	18.00	17.92	18.04	19.2	0
5	64QAM	1	12	17.93	18.00	18.05		
5	64QAM	1	24	17.96	18.21	18.07		
5	64QAM	12	0	18.11	18.14	17.99	19.2	0
5	64QAM	12	7	18.04	18.05	17.97		
5	64QAM	12	13	17.97	18.05	18.14		
5	64QAM	25	0	18.01	18.06	18.02		
5	256QAM	1	0	17.96	18.13	18.00	19.2	0
5	256QAM	1	12	17.96	18.16	17.96		
5	256QAM	1	24	18.05	18.00	18.06		
5	256QAM	12	0	17.98	18.19	18.08	19.2	0
5	256QAM	12	7	17.85	18.00	18.13		
5	256QAM	12	13	17.93	18.08	18.04		
5	256QAM	25	0	17.97	18.02	18.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.15	18.18	18.15	19.2	0
3	QPSK	1	8	18.14	18.17	18.09		
3	QPSK	1	14	18.01	18.18	18.04		
3	QPSK	8	0	17.88	18.14	18.08	19.2	0
3	QPSK	8	4	18.05	18.05	17.93		
3	QPSK	8	7	17.87	17.94	17.97		
3	QPSK	15	0	17.78	18.01	17.86		
3	16QAM	1	0	17.87	17.91	18.02	19.2	0
3	16QAM	1	8	17.97	17.85	18.04		
3	16QAM	1	14	17.82	17.84	17.97		
3	16QAM	8	0	18.09	17.92	17.95	19.2	0
3	16QAM	8	4	18.06	17.91	18.12		
3	16QAM	8	7	18.04	17.92	17.99		
3	16QAM	15	0	17.91	18.16	18.05		
3	64QAM	1	0	17.92	17.96	18.08	19.2	0
3	64QAM	1	8	17.96	17.93	18.14		
3	64QAM	1	14	18.03	18.13	17.99		
3	64QAM	8	0	18.03	18.07	18.07	19.2	0
3	64QAM	8	4	17.94	18.11	18.04		
3	64QAM	8	7	17.92	18.06	18.20		
3	64QAM	15	0	18.04	18.08	18.11		
3	256QAM	1	0	18.03	18.11	17.97	19.2	0
3	256QAM	1	8	17.88	18.24	17.97		
3	256QAM	1	14	18.02	18.11	17.98		
3	256QAM	8	0	18.06	18.17	18.10	19.2	0
3	256QAM	8	4	17.94	18.09	18.07		
3	256QAM	8	7	17.92	17.99	18.12		
3	256QAM	15	0	18.01	18.13	17.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.17	18.23	18.11	19.2	0
1.4	QPSK	1	3	18.18	18.21	18.06		
1.4	QPSK	1	5	18.04	18.04	18.09		
1.4	QPSK	3	0	17.94	18.12	18.05		
1.4	QPSK	3	1	17.91	18.04	17.89		
1.4	QPSK	3	3	17.92	17.93	17.88		
1.4	QPSK	6	0	17.73	17.89	17.81	19.2	0
1.4	16QAM	1	0	17.97	18.00	18.07	19.2	0
1.4	16QAM	1	3	17.89	17.83	18.03		
1.4	16QAM	1	5	17.84	17.89	17.85		
1.4	16QAM	3	0	17.94	17.98	17.93		
1.4	16QAM	3	1	18.08	18.07	18.14		
1.4	16QAM	3	3	18.12	18.06	18.12		
1.4	16QAM	6	0	17.86	18.13	18.13	19.2	0
1.4	64QAM	1	0	17.95	17.98	18.12	19.2	0
1.4	64QAM	1	3	18.02	18.01	18.05		
1.4	64QAM	1	5	18.02	18.19	18.04		
1.4	64QAM	3	0	18.08	18.01	17.97		
1.4	64QAM	3	1	18.03	18.03	18.00		
1.4	64QAM	3	3	18.01	18.06	18.18		
1.4	64QAM	6	0	18.05	18.07	18.06	19.2	0
1.4	256QAM	1	0	17.94	18.16	17.93	19.2	0
1.4	256QAM	1	3	17.91	18.23	18.05		
1.4	256QAM	1	5	18.11	18.06	18.00		
1.4	256QAM	3	0	18.04	18.12	17.99		
1.4	256QAM	3	1	17.87	17.99	18.06		
1.4	256QAM	3	3	18.03	18.04	18.02		
1.4	256QAM	6	0	17.92	18.02	17.99	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.44	18.47	18.33	19.2	0
20	QPSK	1	49	18.29	18.38	18.38		
20	QPSK	1	99	18.31	18.27	18.18		
20	QPSK	50	0	18.36	18.43	18.41	19.2	0
20	QPSK	50	24	18.18	18.14	18.11		
20	QPSK	50	50	18.05	18.15	18.17		
20	QPSK	100	0	18.05	18.37	18.03		
20	16QAM	1	0	18.05	18.13	18.27	19.2	0
20	16QAM	1	49	18.07	18.10	18.10		
20	16QAM	1	99	18.05	18.13	18.10		
20	16QAM	50	0	18.11	18.08	18.12	19.2	0
20	16QAM	50	24	18.16	18.17	18.31		
20	16QAM	50	50	18.24	18.22	18.19		
20	16QAM	100	0	18.05	18.29	18.18		
20	64QAM	1	0	18.22	18.12	18.21	19.2	0
20	64QAM	1	49	18.09	18.12	18.20		
20	64QAM	1	99	18.15	18.32	18.30		
20	64QAM	50	0	18.15	18.19	18.23	19.2	0
20	64QAM	50	24	18.12	18.15	18.17		
20	64QAM	50	50	18.12	18.36	18.38		
20	64QAM	100	0	18.16	18.28	18.20		
20	256QAM	1	0	18.12	18.38	18.16	19.2	0
20	256QAM	1	49	18.12	18.34	18.13		
20	256QAM	1	99	18.19	18.29	18.23		
20	256QAM	50	0	18.11	18.28	18.23	19.2	0
20	256QAM	50	24	18.08	18.22	18.25		
20	256QAM	50	50	18.22	18.21	18.23		
20	256QAM	100	0	18.14	18.25	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.22	18.28	18.20	19.2	0
15	QPSK	1	37	18.15	18.17	18.18		
15	QPSK	1	74	18.08	18.12	18.09		
15	QPSK	36	0	18.05	18.12	18.14	19.2	0
15	QPSK	36	20	18.03	18.06	18.00		
15	QPSK	36	39	18.10	18.10	18.03		
15	QPSK	75	0	17.92	18.07	17.82		
15	16QAM	1	0	18.00	18.09	18.01	19.2	0
15	16QAM	1	37	17.99	17.97	17.98		
15	16QAM	1	74	17.99	18.02	18.04		
15	16QAM	36	0	18.06	18.07	18.08	19.2	0
15	16QAM	36	20	18.12	18.12	18.22		
15	16QAM	36	39	18.10	18.04	18.16		
15	16QAM	75	0	18.02	18.13	18.17		
15	64QAM	1	0	18.11	18.01	18.13	19.2	0
15	64QAM	1	37	17.99	18.10	18.17		
15	64QAM	1	74	18.05	18.24	18.16		
15	64QAM	36	0	18.13	18.09	18.10	19.2	0
15	64QAM	36	20	18.05	18.09	17.99		
15	64QAM	36	39	18.01	18.11	18.18		
15	64QAM	75	0	18.16	18.15	18.09		
15	256QAM	1	0	18.10	18.13	18.11	19.2	0
15	256QAM	1	37	17.97	18.32	18.02		
15	256QAM	1	74	18.16	18.08	18.16		
15	256QAM	36	0	18.11	18.18	18.08	19.2	0
15	256QAM	36	20	17.99	18.14	18.05		
15	256QAM	36	39	18.09	18.04	18.13		
15	256QAM	75	0	18.00	18.13	18.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.12	18.34	18.19	19.2	0
10	QPSK	1	25	18.26	18.27	18.16		
10	QPSK	1	49	18.15	18.25	18.15		
10	QPSK	25	0	18.02	18.13	18.02	19.2	0
10	QPSK	25	12	18.03	18.04	18.01		
10	QPSK	25	25	17.99	18.14	17.98		
10	QPSK	50	0	17.94	18.10	17.87		
10	16QAM	1	0	17.90	18.01	18.10	19.2	0
10	16QAM	1	25	17.97	17.95	18.02		
10	16QAM	1	49	17.95	17.90	17.95		
10	16QAM	25	0	18.03	17.97	18.11	19.2	0
10	16QAM	25	12	18.04	18.06	18.09		
10	16QAM	25	25	18.15	18.12	18.08		
10	16QAM	50	0	17.98	18.25	18.09		
10	64QAM	1	0	18.13	18.04	18.12	19.2	0
10	64QAM	1	25	18.01	18.12	18.18		
10	64QAM	1	49	18.11	18.14	18.08		
10	64QAM	25	0	18.14	18.21	18.01	19.2	0
10	64QAM	25	12	17.99	18.10	18.04		
10	64QAM	25	25	17.95	18.21	18.15		
10	64QAM	50	0	18.03	18.11	18.24		
10	256QAM	1	0	18.15	18.26	18.01	19.2	0
10	256QAM	1	25	17.98	18.19	18.06		
10	256QAM	1	49	18.22	18.19	18.06		
10	256QAM	25	0	18.02	18.25	18.15	19.2	0
10	256QAM	25	12	17.98	18.19	18.19		
10	256QAM	25	25	18.09	18.09	18.08		
10	256QAM	50	0	18.08	18.13	18.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.22	18.29	18.14	19.2	0
5	QPSK	1	12	18.19	18.20	18.24		
5	QPSK	1	24	18.20	18.16	18.10		
5	QPSK	12	0	18.08	18.24	18.02	19.2	0
5	QPSK	12	7	18.09	18.04	18.09		
5	QPSK	12	13	17.97	18.15	18.02		
5	QPSK	25	0	17.84	18.10	17.79		
5	16QAM	1	0	18.01	18.02	18.10	19.2	0
5	16QAM	1	12	18.05	17.91	18.03		
5	16QAM	1	24	17.99	17.92	17.94		
5	16QAM	12	0	18.05	18.06	18.05	19.2	0
5	16QAM	12	7	18.11	18.08	18.10		
5	16QAM	12	13	18.21	18.09	18.06		
5	16QAM	25	0	18.06	18.18	18.08		
5	64QAM	1	0	18.05	18.00	18.11	19.2	0
5	64QAM	1	12	18.01	18.01	18.19		
5	64QAM	1	24	18.12	18.17	18.14		
5	64QAM	12	0	18.19	18.22	18.07	19.2	0
5	64QAM	12	7	18.03	18.05	18.08		
5	64QAM	12	13	18.06	18.11	18.21		
5	64QAM	25	0	18.10	18.20	18.18		
5	256QAM	1	0	18.09	18.26	18.00	19.2	0
5	256QAM	1	12	17.92	18.31	18.13		
5	256QAM	1	24	18.08	18.18	18.15		
5	256QAM	12	0	18.08	18.23	18.11	19.2	0
5	256QAM	12	7	17.93	18.11	18.07		
5	256QAM	12	13	18.02	18.11	18.19		
5	256QAM	25	0	18.10	18.12	18.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.11	18.25	18.17	19.2	0
3	QPSK	1	8	18.22	18.25	18.25		
3	QPSK	1	14	18.14	18.22	18.17		
3	QPSK	8	0	17.99	18.15	18.09	19.2	0
3	QPSK	8	4	18.07	18.14	17.99		
3	QPSK	8	7	18.03	18.05	18.05		
3	QPSK	15	0	17.91	18.10	17.83		
3	16QAM	1	0	18.05	18.07	18.03	19.2	0
3	16QAM	1	8	18.04	17.90	18.06		
3	16QAM	1	14	17.91	18.04	17.96		
3	16QAM	8	0	18.07	17.97	18.08	19.2	0
3	16QAM	8	4	18.15	18.03	18.11		
3	16QAM	8	7	18.12	18.06	18.14		
3	16QAM	15	0	18.00	18.21	18.18		
3	64QAM	1	0	18.03	18.12	18.12	19.2	0
3	64QAM	1	8	18.10	18.02	18.19		
3	64QAM	1	14	18.08	18.14	18.09		
3	64QAM	8	0	18.06	18.13	18.10	19.2	0
3	64QAM	8	4	18.01	18.16	18.08		
3	64QAM	8	7	18.06	18.21	18.14		
3	64QAM	15	0	18.10	18.08	18.16		
3	256QAM	1	0	18.03	18.26	18.04	19.2	0
3	256QAM	1	8	17.95	18.28	18.05		
3	256QAM	1	14	18.22	18.12	18.05		
3	256QAM	8	0	18.06	18.20	18.09	19.2	0
3	256QAM	8	4	18.00	18.20	18.14		
3	256QAM	8	7	18.05	18.05	18.10		
3	256QAM	15	0	18.10	18.06	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.15	18.23	18.24	19.2	0
1.4	QPSK	1	3	18.18	18.25	18.20		
1.4	QPSK	1	5	18.19	18.13	18.12		
1.4	QPSK	3	0	18.00	18.12	18.05		
1.4	QPSK	3	1	18.05	18.10	17.98		
1.4	QPSK	3	3	18.07	18.14	18.01		
1.4	QPSK	6	0	17.80	18.08	17.82	19.2	0
1.4	16QAM	1	0	17.98	18.10	18.11	19.2	0
1.4	16QAM	1	3	18.04	17.99	17.98		
1.4	16QAM	1	5	18.02	18.03	18.02		
1.4	16QAM	3	0	18.02	17.96	17.98		
1.4	16QAM	3	1	18.13	17.99	18.16		
1.4	16QAM	3	3	18.09	18.15	18.18		
1.4	16QAM	6	0	17.99	18.25	18.16	19.2	0
1.4	64QAM	1	0	18.14	18.06	18.09	19.2	0
1.4	64QAM	1	3	18.04	18.06	18.17		
1.4	64QAM	1	5	18.07	18.14	18.19		
1.4	64QAM	3	0	18.15	18.18	18.02		
1.4	64QAM	3	1	17.97	18.13	18.07		
1.4	64QAM	3	3	18.01	18.17	18.14		
1.4	64QAM	6	0	18.03	18.19	18.19	19.2	0
1.4	256QAM	1	0	18.14	18.19	18.03	19.2	0
1.4	256QAM	1	3	18.03	18.28	18.05		
1.4	256QAM	1	5	18.22	18.07	18.15		
1.4	256QAM	3	0	18.11	18.16	18.04		
1.4	256QAM	3	1	17.95	18.07	18.13		
1.4	256QAM	3	3	18.00	18.14	18.14		
1.4	256QAM	6	0	18.01	18.14	18.15	19.2	0

Band 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.23	19.33	19.28	20.7	0
20	QPSK	1	49	19.30	19.24	19.24		
20	QPSK	1	99	19.17	19.25	19.12		
20	QPSK	50	0	19.16	19.28	19.24	20.7	0
20	QPSK	50	24	19.14	19.09	19.12		
20	QPSK	50	50	18.98	19.14	19.05		
20	QPSK	100	0	18.84	19.22	18.97		
20	16QAM	1	0	18.99	19.14	19.19	20.7	0
20	16QAM	1	49	19.07	18.94	19.04		
20	16QAM	1	99	18.98	18.97	19.07		
20	16QAM	50	0	19.04	19.06	19.08	20.7	0
20	16QAM	50	24	19.20	19.03	19.18		
20	16QAM	50	50	19.17	19.18	19.17		
20	16QAM	100	0	19.11	19.17	19.13		
20	64QAM	1	0	19.13	19.09	19.25	20.7	0
20	64QAM	1	49	19.03	19.03	19.13		
20	64QAM	1	99	19.07	19.28	19.20		
20	64QAM	50	0	19.14	19.23	19.03	20.7	0
20	64QAM	50	24	19.03	19.17	19.00		
20	64QAM	50	50	19.12	19.14	19.25		
20	64QAM	100	0	19.10	19.10	19.12		
20	256QAM	1	0	19.06	19.25	19.07	20.7	0
20	256QAM	1	49	19.02	19.30	19.09		
20	256QAM	1	99	19.14	19.16	19.20		
20	256QAM	50	0	19.16	19.23	19.15	20.7	0
20	256QAM	50	24	19.09	19.17	19.09		
20	256QAM	50	50	19.12	19.21	19.13		
20	256QAM	100	0	19.14	19.16	19.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.12	19.16	19.08	20.7	0
15	QPSK	1	37	19.10	19.11	19.18		
15	QPSK	1	74	19.10	19.13	19.11		
15	QPSK	36	0	19.02	19.10	19.04	20.7	0
15	QPSK	36	20	18.96	19.05	18.95		
15	QPSK	36	39	18.95	18.98	18.86		
15	QPSK	75	0	18.84	18.92	18.73		
15	16QAM	1	0	18.85	18.90	19.07	20.7	0
15	16QAM	1	37	18.88	18.87	18.95		
15	16QAM	1	74	18.96	18.85	18.93		
15	16QAM	36	0	18.96	18.99	19.04	20.7	0
15	16QAM	36	20	19.10	19.01	19.09		
15	16QAM	36	39	19.12	19.02	19.11		
15	16QAM	75	0	18.90	19.10	19.07		
15	64QAM	1	0	18.97	18.94	19.12	20.7	0
15	64QAM	1	37	18.96	19.04	19.13		
15	64QAM	1	74	19.06	19.13	18.97		
15	64QAM	36	0	19.02	19.06	19.05	20.7	0
15	64QAM	36	20	18.92	19.05	18.94		
15	64QAM	36	39	19.02	19.10	19.12		
15	64QAM	75	0	19.05	19.10	19.13		
15	256QAM	1	0	18.97	19.18	19.00	20.7	0
15	256QAM	1	37	18.88	19.21	18.99		
15	256QAM	1	74	19.01	19.05	19.04		
15	256QAM	36	0	19.06	19.16	18.99	20.7	0
15	256QAM	36	20	18.96	19.00	19.04		
15	256QAM	36	39	19.00	19.08	19.04		
15	256QAM	75	0	18.92	19.13	19.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.09	19.29	19.18	20.7	0
10	QPSK	1	25	19.11	19.20	19.19		
10	QPSK	1	49	19.11	19.07	19.12		
10	QPSK	25	0	18.89	19.17	19.08	20.7	0
10	QPSK	25	12	18.93	19.03	18.96		
10	QPSK	25	25	18.98	18.99	18.85		
10	QPSK	50	0	18.84	18.99	18.73		
10	16QAM	1	0	18.96	19.04	19.01	20.7	0
10	16QAM	1	25	18.94	18.93	18.92		
10	16QAM	1	49	18.90	18.85	18.92		
10	16QAM	25	0	19.10	18.93	19.04	20.7	0
10	16QAM	25	12	19.07	18.93	19.10		
10	16QAM	25	25	19.03	19.07	19.09		
10	16QAM	50	0	19.00	19.19	19.12		
10	64QAM	1	0	19.03	19.03	19.03	20.7	0
10	64QAM	1	25	18.99	18.96	19.09		
10	64QAM	1	49	18.99	19.08	19.02		
10	64QAM	25	0	19.06	19.11	19.02	20.7	0
10	64QAM	25	12	18.94	19.08	18.94		
10	64QAM	25	25	18.97	19.05	19.14		
10	64QAM	50	0	19.06	19.03	19.06		
10	256QAM	1	0	19.06	19.07	18.93	20.7	0
10	256QAM	1	25	18.91	19.14	19.04		
10	256QAM	1	49	19.07	19.00	19.07		
10	256QAM	25	0	18.96	19.08	18.99	20.7	0
10	256QAM	25	12	18.93	19.09	19.08		
10	256QAM	25	25	19.00	18.98	19.09		
10	256QAM	50	0	18.95	19.11	19.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.03	19.25	19.08	20.7	0
5	QPSK	1	12	19.21	19.21	19.12		
5	QPSK	1	24	19.10	19.18	19.06		
5	QPSK	12	0	18.98	19.10	19.05	20.7	0
5	QPSK	12	7	18.92	19.08	18.99		
5	QPSK	12	13	18.91	19.02	18.93		
5	QPSK	25	0	18.76	19.02	18.84		
5	16QAM	1	0	18.91	19.00	18.98	20.7	0
5	16QAM	1	12	18.88	18.91	19.00		
5	16QAM	1	24	18.90	18.88	18.86		
5	16QAM	12	0	18.99	18.89	18.91	20.7	0
5	16QAM	12	7	19.03	19.01	19.15		
5	16QAM	12	13	19.08	19.08	19.02		
5	16QAM	25	0	18.98	19.11	19.13		
5	64QAM	1	0	18.93	18.94	19.06	20.7	0
5	64QAM	1	12	18.92	19.00	19.10		
5	64QAM	1	24	19.03	19.08	19.04		
5	64QAM	12	0	19.02	19.10	19.02	20.7	0
5	64QAM	12	7	18.95	19.03	18.88		
5	64QAM	12	13	18.94	19.14	19.06		
5	64QAM	25	0	19.06	19.06	19.10		
5	256QAM	1	0	19.05	19.11	19.09	20.7	0
5	256QAM	1	12	18.98	19.18	19.00		
5	256QAM	1	24	19.13	19.08	18.96		
5	256QAM	12	0	19.05	19.18	19.08	20.7	0
5	256QAM	12	7	18.98	19.00	19.06		
5	256QAM	12	13	18.95	18.97	19.15		
5	256QAM	25	0	18.95	19.03	19.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.04	19.27	19.18	20.7	0
3	QPSK	1	8	19.11	19.12	19.21		
3	QPSK	1	14	19.13	19.13	19.08		
3	QPSK	8	0	18.92	19.19	19.01	20.7	0
3	QPSK	8	4	19.03	19.06	18.93		
3	QPSK	8	7	18.92	19.05	18.99		
3	QPSK	15	0	18.78	18.90	18.78		
3	16QAM	1	0	18.84	18.95	19.05	20.7	0
3	16QAM	1	8	18.89	18.95	19.02		
3	16QAM	1	14	18.97	18.90	18.98		
3	16QAM	8	0	19.08	19.00	18.96	20.7	0
3	16QAM	8	4	18.98	19.03	19.17		
3	16QAM	8	7	18.99	19.04	19.08		
3	16QAM	15	0	18.88	19.19	19.11		
3	64QAM	1	0	19.04	19.00	19.14	20.7	0
3	64QAM	1	8	18.94	19.03	19.13		
3	64QAM	1	14	18.94	19.07	19.10		
3	64QAM	8	0	19.12	19.14	19.00	20.7	0
3	64QAM	8	4	19.03	18.98	18.89		
3	64QAM	8	7	18.88	19.16	19.14		
3	64QAM	15	0	18.97	19.00	19.03		
3	256QAM	1	0	19.04	19.15	19.02	20.7	0
3	256QAM	1	8	18.87	19.25	19.02		
3	256QAM	1	14	19.13	19.06	18.99		
3	256QAM	8	0	19.06	19.19	19.00	20.7	0
3	256QAM	8	4	18.99	19.05	19.13		
3	256QAM	8	7	19.01	18.97	19.14		
3	256QAM	15	0	18.94	18.98	19.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.06	19.23	19.17	20.7	0
1.4	QPSK	1	3	19.21	19.09	19.10		
1.4	QPSK	1	5	19.04	19.18	19.01		
1.4	QPSK	3	0	19.03	19.13	19.03		
1.4	QPSK	3	1	18.97	18.95	18.98		
1.4	QPSK	3	3	19.00	19.04	18.98		
1.4	QPSK	6	0	18.79	18.94	18.82	20.7	0
1.4	16QAM	1	0	18.84	18.97	19.01	20.7	0
1.4	16QAM	1	3	18.91	18.96	18.92		
1.4	16QAM	1	5	18.90	18.81	19.00		
1.4	16QAM	3	0	18.97	18.97	18.92		
1.4	16QAM	3	1	19.12	19.04	19.13		
1.4	16QAM	3	3	19.02	19.06	19.01		
1.4	16QAM	6	0	18.94	19.04	19.09	20.7	0
1.4	64QAM	1	0	19.08	19.06	19.01	20.7	0
1.4	64QAM	1	3	18.92	19.04	19.15		
1.4	64QAM	1	5	19.01	19.21	19.08		
1.4	64QAM	3	0	19.11	19.03	18.98		
1.4	64QAM	3	1	18.98	19.04	18.93		
1.4	64QAM	3	3	18.93	19.11	19.20		
1.4	64QAM	6	0	19.03	19.13	19.12	20.7	0
1.4	256QAM	1	0	18.96	19.09	18.99	20.7	0
1.4	256QAM	1	3	18.94	19.17	19.04		
1.4	256QAM	1	5	19.10	19.07	19.08		
1.4	256QAM	3	0	18.96	19.17	19.11		
1.4	256QAM	3	1	18.89	19.10	19.00		
1.4	256QAM	3	3	18.92	18.98	19.01		
1.4	256QAM	6	0	19.04	19.01	19.11	20.7	0

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.23	20.36	20.27	21.2	0
20	QPSK	1	49	20.27	20.26	20.28		
20	QPSK	1	99	20.20	20.28	20.10		
20	QPSK	50	0	20.19	20.30	20.25	21.2	0
20	QPSK	50	24	20.06	20.07	20.00		
20	QPSK	50	50	20.06	20.06	20.04		
20	QPSK	100	0	20.09	20.24	20.13		
20	16QAM	1	0	20.04	20.14	20.13	21.2	0
20	16QAM	1	49	19.99	19.99	20.08		
20	16QAM	1	99	20.05	20.07	20.03		
20	16QAM	50	0	20.21	20.16	20.13	21.2	0
20	16QAM	50	24	20.08	20.09	20.28		
20	16QAM	50	50	20.15	20.10	20.23		
20	16QAM	100	0	20.09	20.19	20.22		
20	64QAM	1	0	20.05	20.11	20.19	21.2	0
20	64QAM	1	49	20.06	20.11	20.26		
20	64QAM	1	99	20.19	20.27	20.23		
20	64QAM	50	0	20.16	20.24	20.08	21.2	0
20	64QAM	50	24	20.10	20.18	20.01		
20	64QAM	50	50	20.14	20.23	20.33		
20	64QAM	100	0	20.07	20.27	20.13		
20	256QAM	1	0	19.59	19.70	19.57	20.7	0.5
20	256QAM	1	49	19.51	19.85	19.63		
20	256QAM	1	99	19.64	19.64	19.71		
20	256QAM	50	0	19.58	19.71	19.69	20.7	0.5
20	256QAM	50	24	19.46	19.62	19.66		
20	256QAM	50	50	19.68	19.72	19.63		
20	256QAM	100	0	19.66	19.66	19.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.14	20.30	20.23	21.2	0
15	QPSK	1	37	20.10	20.25	20.11		
15	QPSK	1	74	20.14	20.18	20.05		
15	QPSK	36	0	19.95	20.14	20.03	21.2	0
15	QPSK	36	20	19.97	20.01	19.92		
15	QPSK	36	39	19.93	20.07	19.87		
15	QPSK	75	0	19.90	20.07	19.75		
15	16QAM	1	0	19.88	19.94	20.02	21.2	0
15	16QAM	1	37	19.94	19.86	20.02		
15	16QAM	1	74	19.97	19.98	19.98		
15	16QAM	36	0	19.96	20.03	19.99	21.2	0
15	16QAM	36	20	20.13	20.02	20.18		
15	16QAM	36	39	20.15	20.10	20.06		
15	16QAM	75	0	19.96	20.18	20.02		
15	64QAM	1	0	20.01	20.08	20.16	21.2	0
15	64QAM	1	37	19.96	19.99	20.03		
15	64QAM	1	74	20.03	20.16	20.13		
15	64QAM	36	0	20.06	20.12	20.08	21.2	0
15	64QAM	36	20	20.05	20.01	20.02		
15	64QAM	36	39	20.02	20.14	20.08		
15	64QAM	75	0	20.10	20.14	20.06		
15	256QAM	1	0	19.46	19.64	19.54	20.7	0.5
15	256QAM	1	37	19.40	19.76	19.57		
15	256QAM	1	74	19.55	19.62	19.63		
15	256QAM	36	0	19.56	19.61	19.50	20.7	0.5
15	256QAM	36	20	19.46	19.61	19.64		
15	256QAM	36	39	19.54	19.49	19.61		
15	256QAM	75	0	19.55	19.63	19.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.09	20.27	20.12	21.2	0
10	QPSK	1	25	20.14	20.22	20.08		
10	QPSK	1	49	20.16	20.08	20.09		
10	QPSK	25	0	19.99	20.12	20.01	21.2	0
10	QPSK	25	12	19.92	20.04	19.93		
10	QPSK	25	25	19.93	20.06	19.99		
10	QPSK	50	0	19.89	20.07	19.85		
10	16QAM	1	0	19.95	19.96	20.10	21.2	0
10	16QAM	1	25	19.90	19.99	20.05		
10	16QAM	1	49	19.95	19.84	19.93		
10	16QAM	25	0	20.00	20.00	20.01	21.2	0
10	16QAM	25	12	20.11	20.07	20.19		
10	16QAM	25	25	20.02	20.04	20.12		
10	16QAM	50	0	19.99	20.16	20.14		
10	64QAM	1	0	20.06	19.99	20.12	21.2	0
10	64QAM	1	25	19.93	20.05	20.03		
10	64QAM	1	49	20.10	20.10	20.09		
10	64QAM	25	0	20.04	20.08	20.09	21.2	0
10	64QAM	25	12	20.02	20.09	19.95		
10	64QAM	25	25	19.91	20.07	20.15		
10	64QAM	50	0	20.03	20.08	20.15		
10	256QAM	1	0	19.48	19.62	19.48	20.7	0.5
10	256QAM	1	25	19.50	19.65	19.50		
10	256QAM	1	49	19.62	19.51	19.56		
10	256QAM	25	0	19.52	19.63	19.53	20.7	0.5
10	256QAM	25	12	19.50	19.62	19.51		
10	256QAM	25	25	19.54	19.60	19.61		
10	256QAM	50	0	19.44	19.65	19.50		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.03	20.18	20.23	21.2	0
5	QPSK	1	12	20.14	20.26	20.09		
5	QPSK	1	24	20.15	20.14	20.14		
5	QPSK	12	0	19.99	20.20	20.06	21.2	0
5	QPSK	12	7	20.07	19.98	19.99		
5	QPSK	12	13	19.95	20.05	19.99		
5	QPSK	25	0	19.81	20.01	19.80		
5	16QAM	1	0	19.85	19.99	19.97	21.2	0
5	16QAM	1	12	19.98	20.01	20.05		
5	16QAM	1	24	19.91	19.97	19.97		
5	16QAM	12	0	20.05	19.94	19.92	21.2	0
5	16QAM	12	7	20.03	20.05	20.10		
5	16QAM	12	13	20.02	20.04	19.99		
5	16QAM	25	0	19.91	20.17	20.00		
5	64QAM	1	0	20.08	19.98	20.02	21.2	0
5	64QAM	1	12	19.99	19.97	20.04		
5	64QAM	1	24	20.09	20.19	20.04		
5	64QAM	12	0	20.06	20.07	20.08	21.2	0
5	64QAM	12	7	20.00	20.07	19.98		
5	64QAM	12	13	19.92	20.08	20.14		
5	64QAM	25	0	20.09	20.16	20.05		
5	256QAM	1	0	19.54	19.71	19.51	20.7	0.5
5	256QAM	1	12	19.47	19.68	19.45		
5	256QAM	1	24	19.54	19.61	19.49		
5	256QAM	12	0	19.55	19.71	19.51	20.7	0.5
5	256QAM	12	7	19.48	19.63	19.58		
5	256QAM	12	13	19.52	19.55	19.59		
5	256QAM	25	0	19.44	19.53	19.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.16	20.27	20.11	21.2	0
3	QPSK	1	8	20.16	20.18	20.15		
3	QPSK	1	14	20.05	20.11	20.09		
3	QPSK	8	0	19.96	20.15	19.97	21.2	0
3	QPSK	8	4	20.01	20.02	19.96		
3	QPSK	8	7	19.89	20.11	20.01		
3	QPSK	15	0	19.89	20.04	19.75		
3	16QAM	1	0	19.99	20.06	20.05	21.2	0
3	16QAM	1	8	19.96	19.98	20.05		
3	16QAM	1	14	19.87	19.99	19.91		
3	16QAM	8	0	20.06	20.03	20.01	21.2	0
3	16QAM	8	4	20.07	19.93	20.14		
3	16QAM	8	7	20.13	20.06	20.09		
3	16QAM	15	0	20.03	20.12	20.07		
3	64QAM	1	0	20.00	19.96	20.08	21.2	0
3	64QAM	1	8	20.00	20.02	20.11		
3	64QAM	1	14	20.07	20.15	20.08		
3	64QAM	8	0	20.06	20.02	20.09	21.2	0
3	64QAM	8	4	19.93	19.99	19.93		
3	64QAM	8	7	19.90	20.12	20.10		
3	64QAM	15	0	20.03	20.06	20.11		
3	256QAM	1	0	19.47	19.59	19.51	20.7	0.5
3	256QAM	1	8	19.41	19.72	19.54		
3	256QAM	1	14	19.53	19.60	19.54		
3	256QAM	8	0	19.53	19.62	19.56	20.7	0.5
3	256QAM	8	4	19.37	19.65	19.53		
3	256QAM	8	7	19.58	19.50	19.54		
3	256QAM	15	0	19.45	19.59	19.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.09	20.20	20.16	21.2	0
1.4	QPSK	1	3	20.23	20.26	20.15		
1.4	QPSK	1	5	20.04	20.08	20.07		
1.4	QPSK	3	0	19.94	20.22	20.04		
1.4	QPSK	3	1	19.93	19.96	19.89		
1.4	QPSK	3	3	20.03	19.98	20.01		
1.4	QPSK	6	0	19.85	20.07	19.77	21.2	0
1.4	16QAM	1	0	19.89	20.05	20.11	21.2	0
1.4	16QAM	1	3	19.92	19.96	19.95		
1.4	16QAM	1	5	19.86	19.94	19.95		
1.4	16QAM	3	0	20.08	19.99	20.06		
1.4	16QAM	3	1	20.04	19.94	20.15		
1.4	16QAM	3	3	20.02	20.10	20.12		
1.4	16QAM	6	0	19.99	20.15	20.08	21.2	0
1.4	64QAM	1	0	19.96	20.02	20.18	21.2	0
1.4	64QAM	1	3	19.98	20.04	20.07		
1.4	64QAM	1	5	20.10	20.21	20.13		
1.4	64QAM	3	0	20.06	20.09	20.02		
1.4	64QAM	3	1	20.00	19.99	19.99		
1.4	64QAM	3	3	20.00	20.07	20.15		
1.4	64QAM	6	0	20.11	20.07	20.12	21.2	0
1.4	256QAM	1	0	19.45	19.72	19.54	20.7	0.5
1.4	256QAM	1	3	19.38	19.72	19.57		
1.4	256QAM	1	5	19.54	19.51	19.49		
1.4	256QAM	3	0	19.49	19.71	19.50		
1.4	256QAM	3	1	19.40	19.50	19.57		
1.4	256QAM	3	3	19.51	19.49	19.55		
1.4	256QAM	6	0	19.46	19.65	19.61	20.7	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.75	19.95	19.87	20.7	0
20	QPSK	1	49	19.85	19.79	19.79		
20	QPSK	1	99	19.66	19.72	19.70		
20	QPSK	50	0	19.85	19.91	19.83	20.7	0
20	QPSK	50	24	19.58	19.69	19.57		
20	QPSK	50	50	19.64	19.72	19.60		
20	QPSK	100	0	19.83	19.87	19.85		
20	16QAM	1	0	19.48	19.62	19.63	20.7	0
20	16QAM	1	49	19.54	19.57	19.63		
20	16QAM	1	99	19.49	19.54	19.51		
20	16QAM	50	0	19.74	19.56	19.64	20.7	0
20	16QAM	50	24	19.76	19.70	19.68		
20	16QAM	50	50	19.73	19.63	19.71		
20	16QAM	100	0	19.53	19.71	19.69		
20	64QAM	1	0	19.59	19.62	19.73	20.7	0
20	64QAM	1	49	19.62	19.67	19.78		
20	64QAM	1	99	19.72	19.77	19.73		
20	64QAM	50	0	19.64	19.67	19.61	20.7	0
20	64QAM	50	24	19.58	19.69	19.54		
20	64QAM	50	50	19.62	19.81	19.83		
20	64QAM	100	0	19.63	19.77	19.81		
20	256QAM	1	0	19.69	19.70	19.58	20.7	0
20	256QAM	1	49	19.53	19.80	19.67		
20	256QAM	1	99	19.66	19.77	19.63		
20	256QAM	50	0	19.59	19.76	19.71	20.7	0
20	256QAM	50	24	19.52	19.72	19.67		
20	256QAM	50	50	19.61	19.68	19.69		
20	256QAM	100	0	19.65	19.66	19.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.60	19.80	19.64	20.7	0
15	QPSK	1	37	19.69	19.68	19.70		
15	QPSK	1	74	19.61	19.68	19.56		
15	QPSK	36	0	19.51	19.70	19.57	20.7	0
15	QPSK	36	20	19.53	19.51	19.52		
15	QPSK	36	39	19.47	19.55	19.52		
15	QPSK	75	0	19.33	19.57	19.34		
15	16QAM	1	0	19.53	19.59	19.62	20.7	0
15	16QAM	1	37	19.51	19.54	19.60		
15	16QAM	1	74	19.45	19.47	19.47		
15	16QAM	36	0	19.57	19.47	19.51	20.7	0
15	16QAM	36	20	19.59	19.58	19.65		
15	16QAM	36	39	19.65	19.62	19.55		
15	16QAM	75	0	19.52	19.60	19.64		
15	64QAM	1	0	19.61	19.49	19.55	20.7	0
15	64QAM	1	37	19.53	19.57	19.65		
15	64QAM	1	74	19.50	19.70	19.61		
15	64QAM	36	0	19.60	19.59	19.48	20.7	0
15	64QAM	36	20	19.59	19.62	19.47		
15	64QAM	36	39	19.45	19.59	19.71		
15	64QAM	75	0	19.55	19.60	19.64		
15	256QAM	1	0	19.51	19.69	19.62	20.7	0
15	256QAM	1	37	19.48	19.80	19.50		
15	256QAM	1	74	19.70	19.58	19.53		
15	256QAM	36	0	19.52	19.63	19.61	20.7	0
15	256QAM	36	20	19.39	19.67	19.58		
15	256QAM	36	39	19.54	19.65	19.59		
15	256QAM	75	0	19.54	19.66	19.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.67	19.84	19.71	20.7	0
10	QPSK	1	25	19.61	19.67	19.74		
10	QPSK	1	49	19.67	19.73	19.57		
10	QPSK	25	0	19.51	19.72	19.56	20.7	0
10	QPSK	25	12	19.50	19.62	19.50		
10	QPSK	25	25	19.48	19.51	19.55		
10	QPSK	50	0	19.31	19.50	19.27		
10	16QAM	1	0	19.52	19.48	19.59	20.7	0
10	16QAM	1	25	19.55	19.50	19.50		
10	16QAM	1	49	19.44	19.36	19.41		
10	16QAM	25	0	19.52	19.53	19.51	20.7	0
10	16QAM	25	12	19.66	19.58	19.62		
10	16QAM	25	25	19.65	19.48	19.66		
10	16QAM	50	0	19.46	19.60	19.59		
10	64QAM	1	0	19.49	19.62	19.71	20.7	0
10	64QAM	1	25	19.54	19.55	19.60		
10	64QAM	1	49	19.62	19.62	19.62		
10	64QAM	25	0	19.63	19.55	19.52	20.7	0
10	64QAM	25	12	19.55	19.62	19.52		
10	64QAM	25	25	19.47	19.66	19.62		
10	64QAM	50	0	19.65	19.64	19.61		
10	256QAM	1	0	19.54	19.71	19.57	20.7	0
10	256QAM	1	25	19.54	19.76	19.60		
10	256QAM	1	49	19.63	19.57	19.65		
10	256QAM	25	0	19.62	19.60	19.56	20.7	0
10	256QAM	25	12	19.40	19.69	19.60		
10	256QAM	25	25	19.56	19.55	19.61		
10	256QAM	50	0	19.50	19.61	19.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.67	19.82	19.64	20.7	0
5	QPSK	1	12	19.71	19.72	19.67		
5	QPSK	1	24	19.66	19.65	19.55		
5	QPSK	12	0	19.46	19.70	19.54	20.7	0
5	QPSK	12	7	19.50	19.60	19.52		
5	QPSK	12	13	19.47	19.54	19.49		
5	QPSK	25	0	19.41	19.54	19.42		
5	16QAM	1	0	19.38	19.48	19.49	20.7	0
5	16QAM	1	12	19.52	19.52	19.56		
5	16QAM	1	24	19.50	19.36	19.55		
5	16QAM	12	0	19.61	19.49	19.47	20.7	0
5	16QAM	12	7	19.59	19.46	19.69		
5	16QAM	12	13	19.64	19.61	19.57		
5	16QAM	25	0	19.50	19.63	19.65		
5	64QAM	1	0	19.58	19.49	19.57	20.7	0
5	64QAM	1	12	19.61	19.50	19.66		
5	64QAM	1	24	19.57	19.74	19.54		
5	64QAM	12	0	19.60	19.71	19.51	20.7	0
5	64QAM	12	7	19.56	19.52	19.43		
5	64QAM	12	13	19.52	19.72	19.75		
5	64QAM	25	0	19.64	19.63	19.70		
5	256QAM	1	0	19.52	19.73	19.57	20.7	0
5	256QAM	1	12	19.43	19.73	19.62		
5	256QAM	1	24	19.57	19.61	19.64		
5	256QAM	12	0	19.62	19.67	19.62	20.7	0
5	256QAM	12	7	19.39	19.60	19.65		
5	256QAM	12	13	19.56	19.66	19.60		
5	256QAM	25	0	19.46	19.63	19.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.60	19.83	19.60	20.7	0
3	QPSK	1	8	19.63	19.67	19.69		
3	QPSK	1	14	19.58	19.62	19.59		
3	QPSK	8	0	19.56	19.72	19.59	20.7	0
3	QPSK	8	4	19.48	19.56	19.52		
3	QPSK	8	7	19.47	19.55	19.47		
3	QPSK	15	0	19.44	19.51	19.39		
3	16QAM	1	0	19.38	19.54	19.57	20.7	0
3	16QAM	1	8	19.53	19.45	19.47		
3	16QAM	1	14	19.47	19.46	19.45		
3	16QAM	8	0	19.53	19.49	19.58	20.7	0
3	16QAM	8	4	19.60	19.48	19.68		
3	16QAM	8	7	19.63	19.62	19.56		
3	16QAM	15	0	19.52	19.66	19.56		
3	64QAM	1	0	19.58	19.55	19.66	20.7	0
3	64QAM	1	8	19.48	19.52	19.60		
3	64QAM	1	14	19.53	19.61	19.66		
3	64QAM	8	0	19.57	19.68	19.55	20.7	0
3	64QAM	8	4	19.44	19.62	19.46		
3	64QAM	8	7	19.45	19.73	19.70		
3	64QAM	15	0	19.50	19.63	19.62		
3	256QAM	1	0	19.57	19.63	19.48	20.7	0
3	256QAM	1	8	19.41	19.75	19.49		
3	256QAM	1	14	19.67	19.56	19.59		
3	256QAM	8	0	19.50	19.61	19.66	20.7	0
3	256QAM	8	4	19.49	19.53	19.57		
3	256QAM	8	7	19.56	19.51	19.69		
3	256QAM	15	0	19.53	19.56	19.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.63	19.78	19.63	20.7	0
1.4	QPSK	1	3	19.61	19.67	19.66		
1.4	QPSK	1	5	19.57	19.60	19.56		
1.4	QPSK	3	0	19.48	19.76	19.48		
1.4	QPSK	3	1	19.51	19.48	19.57		
1.4	QPSK	3	3	19.46	19.61	19.54		
1.4	QPSK	6	0	19.36	19.55	19.32	20.7	0
1.4	16QAM	1	0	19.46	19.47	19.49	20.7	0
1.4	16QAM	1	3	19.46	19.43	19.54		
1.4	16QAM	1	5	19.47	19.50	19.53		
1.4	16QAM	3	0	19.57	19.52	19.58		
1.4	16QAM	3	1	19.61	19.48	19.64		
1.4	16QAM	3	3	19.64	19.53	19.59		
1.4	16QAM	6	0	19.44	19.68	19.66	20.7	0
1.4	64QAM	1	0	19.59	19.54	19.56	20.7	0
1.4	64QAM	1	3	19.61	19.49	19.57		
1.4	64QAM	1	5	19.57	19.67	19.57		
1.4	64QAM	3	0	19.64	19.62	19.59		
1.4	64QAM	3	1	19.59	19.56	19.59		
1.4	64QAM	3	3	19.42	19.61	19.65		
1.4	64QAM	6	0	19.56	19.59	19.57	20.7	0
1.4	256QAM	1	0	19.53	19.73	19.54	20.7	0
1.4	256QAM	1	3	19.45	19.66	19.56		
1.4	256QAM	1	5	19.68	19.58	19.61		
1.4	256QAM	3	0	19.56	19.66	19.54		
1.4	256QAM	3	1	19.52	19.59	19.62		
1.4	256QAM	3	3	19.53	19.63	19.65		
1.4	256QAM	6	0	19.47	19.68	19.59	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.17	18.34	18.14	20	0
20	QPSK	1	49	18.20	18.20	18.08		
20	QPSK	1	99	18.07	18.09	18.08		
20	QPSK	50	0	18.15	18.19	18.08	20	0
20	QPSK	50	24	18.16	18.11	18.07		
20	QPSK	50	50	18.17	18.18	18.14		
20	QPSK	100	0	18.14	18.16	18.07		
20	16QAM	1	0	18.20	18.18	18.00	20	0
20	16QAM	1	49	18.16	18.19	18.05		
20	16QAM	1	99	18.19	18.12	18.09		
20	16QAM	50	0	18.08	18.23	18.08	20	0
20	16QAM	50	24	18.17	18.16	18.06		
20	16QAM	50	50	18.20	18.17	18.08		
20	16QAM	100	0	18.13	18.15	18.12		
20	64QAM	1	0	18.06	18.09	18.15	20	0
20	64QAM	1	49	18.13	18.14	18.14		
20	64QAM	1	99	18.13	18.18	18.13		
20	64QAM	50	0	18.19	18.16	18.06	20	0
20	64QAM	50	24	18.16	18.16	18.12		
20	64QAM	50	50	18.13	18.19	18.00		
20	64QAM	100	0	18.06	18.12	18.03		
20	256QAM	1	0	18.12	18.09	18.10	20	0
20	256QAM	1	49	18.19	18.21	18.09		
20	256QAM	1	99	18.07	18.18	18.15		
20	256QAM	50	0	18.18	18.11	18.04	20	0
20	256QAM	50	24	18.17	18.09	18.02		
20	256QAM	50	50	18.06	18.09	18.11		
20	256QAM	100	0	18.16	18.11	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.21	18.32	18.21	20	0
15	QPSK	1	37	18.07	18.20	18.11		
15	QPSK	1	74	18.18	18.12	18.03		
15	QPSK	36	0	18.14	18.12	18.16	20	0
15	QPSK	36	20	18.19	18.17	18.05		
15	QPSK	36	39	18.11	18.14	18.12		
15	QPSK	75	0	18.15	18.16	18.07		
15	16QAM	1	0	18.08	18.08	18.06	20	0
15	16QAM	1	37	18.19	18.10	18.03		
15	16QAM	1	74	18.19	18.20	18.11		
15	16QAM	36	0	18.13	18.11	18.14	20	0
15	16QAM	36	20	18.11	18.16	18.13		
15	16QAM	36	39	18.14	18.18	18.02		
15	16QAM	75	0	18.15	18.14	18.14		
15	64QAM	1	0	18.14	18.21	18.11	20	0
15	64QAM	1	37	18.11	18.14	18.14		
15	64QAM	1	74	18.20	18.15	18.11		
15	64QAM	36	0	18.13	18.08	18.08	20	0
15	64QAM	36	20	18.20	18.09	18.13		
15	64QAM	36	39	18.05	18.14	18.02		
15	64QAM	75	0	18.09	18.20	18.09		
15	256QAM	1	0	18.18	18.13	18.04	20	0
15	256QAM	1	37	18.08	18.16	18.14		
15	256QAM	1	74	18.09	18.13	18.03		
15	256QAM	36	0	18.19	18.22	18.13	20	0
15	256QAM	36	20	18.16	18.16	18.03		
15	256QAM	36	39	18.18	18.09	18.08		
15	256QAM	75	0	18.14	18.14	18.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.28	18.32	18.22	20	0
10	QPSK	1	25	18.07	18.21	18.11		
10	QPSK	1	49	18.10	18.17	18.14		
10	QPSK	25	0	18.16	18.10	18.11	20	0
10	QPSK	25	12	18.07	18.08	18.09		
10	QPSK	25	25	18.08	18.15	18.03		
10	QPSK	50	0	18.09	18.22	18.14		
10	16QAM	1	0	18.11	18.09	18.04	20	0
10	16QAM	1	25	18.17	18.12	18.07		
10	16QAM	1	49	18.16	18.14	18.11		
10	16QAM	25	0	18.16	18.16	18.06	20	0
10	16QAM	25	12	18.13	18.15	18.06		
10	16QAM	25	25	18.10	18.19	18.13		
10	16QAM	50	0	18.10	18.08	18.10		
10	64QAM	1	0	18.20	18.21	18.01	20	0
10	64QAM	1	25	18.16	18.22	18.01		
10	64QAM	1	49	18.13	18.12	18.04		
10	64QAM	25	0	18.17	18.22	18.02	20	0
10	64QAM	25	12	18.05	18.16	18.14		
10	64QAM	25	25	18.12	18.20	18.13		
10	64QAM	50	0	18.13	18.10	18.06		
10	256QAM	1	0	18.12	18.10	18.03	20	0
10	256QAM	1	25	18.21	18.17	18.15		
10	256QAM	1	49	18.08	18.16	18.03		
10	256QAM	25	0	18.12	18.23	18.01	20	0
10	256QAM	25	12	18.14	18.16	18.01		
10	256QAM	25	25	18.16	18.17	18.01		
10	256QAM	50	0	18.17	18.21	18.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.20	18.30	18.19	20	0
5	QPSK	1	12	18.08	18.16	18.00		
5	QPSK	1	24	18.13	18.19	18.10		
5	QPSK	12	0	18.10	18.21	18.10	20	0
5	QPSK	12	7	18.08	18.09	18.11		
5	QPSK	12	13	18.06	18.12	18.13		
5	QPSK	25	0	18.18	18.23	18.05		
5	16QAM	1	0	18.06	18.09	18.07	20	0
5	16QAM	1	12	18.17	18.14	18.06		
5	16QAM	1	24	18.21	18.12	18.06		
5	16QAM	12	0	18.11	18.21	18.04	20	0
5	16QAM	12	7	18.06	18.23	18.05		
5	16QAM	12	13	18.08	18.15	18.10		
5	16QAM	25	0	18.09	18.12	18.15		
5	64QAM	1	0	18.17	18.15	18.12	20	0
5	64QAM	1	12	18.16	18.22	18.13		
5	64QAM	1	24	18.15	18.08	18.15		
5	64QAM	12	0	18.15	18.14	18.04	20	0
5	64QAM	12	7	18.11	18.13	18.01		
5	64QAM	12	13	18.14	18.13	18.14		
5	64QAM	25	0	18.10	18.13	18.10		
5	256QAM	1	0	18.14	18.17	18.05	20	0
5	256QAM	1	12	18.09	18.17	18.15		
5	256QAM	1	24	18.19	18.14	18.14		
5	256QAM	12	0	18.09	18.18	18.08	20	0
5	256QAM	12	7	18.20	18.19	18.00		
5	256QAM	12	13	18.19	18.19	18.03		
5	256QAM	25	0	18.13	18.13	18.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.18	18.31	18.21	20	0
3	QPSK	1	8	18.18	18.22	18.16		
3	QPSK	1	14	18.16	18.12	18.06		
3	QPSK	8	0	18.15	18.07	18.16	20	0
3	QPSK	8	4	18.13	18.10	18.10		
3	QPSK	8	7	18.06	18.10	18.11		
3	QPSK	15	0	18.18	18.14	18.09		
3	16QAM	1	0	18.08	18.13	18.06	20	0
3	16QAM	1	8	18.15	18.22	18.14		
3	16QAM	1	14	18.20	18.18	18.13		
3	16QAM	8	0	18.09	18.18	18.13	20	0
3	16QAM	8	4	18.05	18.20	18.06		
3	16QAM	8	7	18.07	18.10	18.03		
3	16QAM	15	0	18.08	18.10	18.03		
3	64QAM	1	0	18.08	18.08	18.08	20	0
3	64QAM	1	8	18.06	18.13	18.02		
3	64QAM	1	14	18.11	18.09	18.09		
3	64QAM	8	0	18.05	18.10	18.08	20	0
3	64QAM	8	4	18.07	18.22	18.00		
3	64QAM	8	7	18.07	18.15	18.03		
3	64QAM	15	0	18.08	18.16	18.16		
3	256QAM	1	0	18.07	18.19	18.12	20	0
3	256QAM	1	8	18.14	18.20	18.10		
3	256QAM	1	14	18.08	18.13	18.04		
3	256QAM	8	0	18.06	18.19	18.07	20	0
3	256QAM	8	4	18.05	18.17	18.14		
3	256QAM	8	7	18.06	18.18	18.01		
3	256QAM	15	0	18.09	18.12	18.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.17	18.32	18.18	20	0
1.4	QPSK	1	3	18.14	18.18	18.15		
1.4	QPSK	1	5	18.19	18.11	18.07		
1.4	QPSK	3	0	18.15	18.09	18.10		
1.4	QPSK	3	1	18.15	18.22	18.05		
1.4	QPSK	3	3	18.16	18.12	18.13		
1.4	QPSK	6	0	18.11	18.08	18.16	20	0
1.4	16QAM	1	0	18.11	18.15	18.00	20	0
1.4	16QAM	1	3	18.18	18.08	18.15		
1.4	16QAM	1	5	18.18	18.19	18.11		
1.4	16QAM	3	0	18.06	18.11	18.09		
1.4	16QAM	3	1	18.08	18.15	18.05		
1.4	16QAM	3	3	18.11	18.10	18.02		
1.4	16QAM	6	0	18.07	18.13	18.06	20	0
1.4	64QAM	1	0	18.09	18.11	18.14	20	0
1.4	64QAM	1	3	18.17	18.19	18.11		
1.4	64QAM	1	5	18.18	18.08	18.11		
1.4	64QAM	3	0	18.12	18.09	18.06		
1.4	64QAM	3	1	18.20	18.21	18.15		
1.4	64QAM	3	3	18.12	18.16	18.13		
1.4	64QAM	6	0	18.12	18.08	18.13	20	0
1.4	256QAM	1	0	18.16	18.16	18.08	20	0
1.4	256QAM	1	3	18.05	18.17	18.01		
1.4	256QAM	1	5	18.19	18.10	18.09		
1.4	256QAM	3	0	18.16	18.17	18.01		
1.4	256QAM	3	1	18.17	18.13	18.06		
1.4	256QAM	3	3	18.13	18.16	18.05		
1.4	256QAM	6	0	18.14	18.17	18.13	20	0

Band 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.45	19.52	19.47	20.7	0
20	QPSK	1	49	19.31	19.50	19.41		
20	QPSK	1	99	19.30	19.48	19.32		
20	QPSK	50	0	19.30	19.48	19.40	20.7	0
20	QPSK	50	24	19.41	19.46	19.39		
20	QPSK	50	50	19.31	19.42	19.39		
20	QPSK	100	0	19.39	19.46	19.36		
20	16QAM	1	0	19.34	19.51	19.29	20.7	0
20	16QAM	1	49	19.34	19.43	19.42		
20	16QAM	1	99	19.40	19.42	19.35		
20	16QAM	50	0	19.42	19.50	19.42	20.7	0
20	16QAM	50	24	19.31	19.48	19.32		
20	16QAM	50	50	19.28	19.45	19.30		
20	16QAM	100	0	19.32	19.38	19.35		
20	64QAM	1	0	19.35	19.50	19.36	20.7	0
20	64QAM	1	49	19.33	19.36	19.36		
20	64QAM	1	99	19.40	19.36	19.38		
20	64QAM	50	0	19.29	19.38	19.38	20.7	0
20	64QAM	50	24	19.28	19.39	19.42		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.28	19.51	19.31		
20	256QAM	1	0	19.31	19.47	19.30	20.7	0
20	256QAM	1	49	19.42	19.41	19.43		
20	256QAM	1	99	19.28	19.49	19.44		
20	256QAM	50	0	19.43	19.41	19.38	20.7	0
20	256QAM	50	24	19.42	19.44	19.40		
20	256QAM	50	50	19.30	19.38	19.39		
20	256QAM	100	0	19.39	19.40	19.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.35	19.44	19.40	20.7	0
15	QPSK	1	37	19.41	19.44	19.31		
15	QPSK	1	74	19.31	19.49	19.33		
15	QPSK	36	0	19.29	19.48	19.33	20.7	0
15	QPSK	36	20	19.31	19.44	19.35		
15	QPSK	36	39	19.32	19.47	19.37		
15	QPSK	75	0	19.38	19.48	19.37		
15	16QAM	1	0	19.39	19.42	19.44	20.7	0
15	16QAM	1	37	19.36	19.36	19.39		
15	16QAM	1	74	19.28	19.50	19.30		
15	16QAM	36	0	19.41	19.50	19.43	20.7	0
15	16QAM	36	20	19.34	19.39	19.35		
15	16QAM	36	39	19.29	19.38	19.32		
15	16QAM	75	0	19.32	19.41	19.43		
15	64QAM	1	0	19.42	19.37	19.33	20.7	0
15	64QAM	1	37	19.42	19.50	19.30		
15	64QAM	1	74	19.44	19.39	19.31		
15	64QAM	36	0	19.36	19.49	19.29	20.7	0
15	64QAM	36	20	19.33	19.45	19.37		
15	64QAM	36	39	19.40	19.46	19.33		
15	64QAM	75	0	19.30	19.44	19.39		
15	256QAM	1	0	19.35	19.47	19.30	20.7	0
15	256QAM	1	37	19.42	19.36	19.31		
15	256QAM	1	74	19.38	19.49	19.33		
15	256QAM	36	0	19.39	19.45	19.37	20.7	0
15	256QAM	36	20	19.33	19.45	19.31		
15	256QAM	36	39	19.43	19.39	19.43		
15	256QAM	75	0	19.31	19.45	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.41	19.45	19.43	20.7	0
10	QPSK	1	25	19.42	19.50	19.41		
10	QPSK	1	49	19.28	19.37	19.29		
10	QPSK	25	0	19.43	19.37	19.30	20.7	0
10	QPSK	25	12	19.36	19.51	19.35		
10	QPSK	25	25	19.33	19.43	19.45		
10	QPSK	50	0	19.29	19.42	19.40		
10	16QAM	1	0	19.38	19.48	19.39	20.7	0
10	16QAM	1	25	19.36	19.51	19.38		
10	16QAM	1	49	19.32	19.47	19.37		
10	16QAM	25	0	19.42	19.51	19.36	20.7	0
10	16QAM	25	12	19.34	19.47	19.37		
10	16QAM	25	25	19.33	19.42	19.35		
10	16QAM	50	0	19.30	19.46	19.30		
10	64QAM	1	0	19.42	19.43	19.45	20.7	0
10	64QAM	1	25	19.39	19.37	19.31		
10	64QAM	1	49	19.36	19.50	19.40		
10	64QAM	25	0	19.40	19.38	19.43	20.7	0
10	64QAM	25	12	19.36	19.40	19.30		
10	64QAM	25	25	19.38	19.42	19.36		
10	64QAM	50	0	19.37	19.38	19.39		
10	256QAM	1	0	19.31	19.50	19.42	20.7	0
10	256QAM	1	25	19.44	19.46	19.36		
10	256QAM	1	49	19.37	19.51	19.41		
10	256QAM	25	0	19.41	19.45	19.44	20.7	0
10	256QAM	25	12	19.42	19.51	19.38		
10	256QAM	25	25	19.34	19.45	19.33		
10	256QAM	50	0	19.39	19.41	19.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.40	19.50	19.33	20.7	0
5	QPSK	1	12	19.30	19.45	19.33		
5	QPSK	1	24	19.30	19.37	19.34		
5	QPSK	12	0	19.43	19.43	19.35	20.7	0
5	QPSK	12	7	19.28	19.44	19.40		
5	QPSK	12	13	19.40	19.47	19.37		
5	QPSK	25	0	19.39	19.49	19.29		
5	16QAM	1	0	19.38	19.39	19.33	20.7	0
5	16QAM	1	12	19.40	19.46	19.42		
5	16QAM	1	24	19.39	19.48	19.39		
5	16QAM	12	0	19.43	19.38	19.43	20.7	0
5	16QAM	12	7	19.40	19.48	19.40		
5	16QAM	12	13	19.35	19.51	19.42		
5	16QAM	25	0	19.39	19.50	19.42		
5	64QAM	1	0	19.30	19.42	19.30	20.7	0
5	64QAM	1	12	19.29	19.49	19.30		
5	64QAM	1	24	19.34	19.40	19.30		
5	64QAM	12	0	19.29	19.41	19.36	20.7	0
5	64QAM	12	7	19.39	19.51	19.41		
5	64QAM	12	13	19.43	19.51	19.41		
5	64QAM	25	0	19.32	19.36	19.40		
5	256QAM	1	0	19.35	19.42	19.31	20.7	0
5	256QAM	1	12	19.33	19.45	19.29		
5	256QAM	1	24	19.36	19.46	19.44		
5	256QAM	12	0	19.36	19.42	19.32	20.7	0
5	256QAM	12	7	19.37	19.37	19.39		
5	256QAM	12	13	19.37	19.50	19.39		
5	256QAM	25	0	19.31	19.39	19.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.46	19.48	19.43	20.7	0
3	QPSK	1	8	19.39	19.48	19.31		
3	QPSK	1	14	19.44	19.49	19.36		
3	QPSK	8	0	19.37	19.36	19.31	20.7	0
3	QPSK	8	4	19.40	19.42	19.42		
3	QPSK	8	7	19.35	19.48	19.30		
3	QPSK	15	0	19.42	19.51	19.29		
3	16QAM	1	0	19.41	19.39	19.41	20.7	0
3	16QAM	1	8	19.30	19.45	19.33		
3	16QAM	1	14	19.36	19.37	19.34		
3	16QAM	8	0	19.42	19.40	19.34	20.7	0
3	16QAM	8	4	19.38	19.42	19.34		
3	16QAM	8	7	19.37	19.44	19.37		
3	16QAM	15	0	19.28	19.39	19.32		
3	64QAM	1	0	19.36	19.51	19.41	20.7	0
3	64QAM	1	8	19.37	19.43	19.34		
3	64QAM	1	14	19.31	19.48	19.39		
3	64QAM	8	0	19.43	19.47	19.30	20.7	0
3	64QAM	8	4	19.33	19.50	19.31		
3	64QAM	8	7	19.30	19.43	19.32		
3	64QAM	15	0	19.40	19.38	19.41		
3	256QAM	1	0	19.30	19.43	19.29	20.7	0
3	256QAM	1	8	19.39	19.42	19.40		
3	256QAM	1	14	19.44	19.51	19.33		
3	256QAM	8	0	19.32	19.38	19.33	20.7	0
3	256QAM	8	4	19.38	19.42	19.30		
3	256QAM	8	7	19.42	19.36	19.38		
3	256QAM	15	0	19.32	19.46	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.44	19.43	19.39	20.7	0
1.4	QPSK	1	3	19.40	19.44	19.44		
1.4	QPSK	1	5	19.28	19.37	19.32		
1.4	QPSK	3	0	19.41	19.39	19.38		
1.4	QPSK	3	1	19.33	19.40	19.31		
1.4	QPSK	3	3	19.41	19.40	19.29		
1.4	QPSK	6	0	19.39	19.49	19.44	20.7	0
1.4	16QAM	1	0	19.29	19.48	19.40	20.7	0
1.4	16QAM	1	3	19.37	19.38	19.43		
1.4	16QAM	1	5	19.43	19.38	19.41		
1.4	16QAM	3	0	19.36	19.36	19.38		
1.4	16QAM	3	1	19.43	19.47	19.41		
1.4	16QAM	3	3	19.30	19.42	19.32		
1.4	16QAM	6	0	19.43	19.38	19.30	20.7	0
1.4	64QAM	1	0	19.35	19.38	19.38	20.7	0
1.4	64QAM	1	3	19.32	19.51	19.44		
1.4	64QAM	1	5	19.35	19.38	19.35		
1.4	64QAM	3	0	19.41	19.43	19.41		
1.4	64QAM	3	1	19.30	19.50	19.33		
1.4	64QAM	3	3	19.41	19.38	19.31		
1.4	64QAM	6	0	19.32	19.38	19.41	20.7	0
1.4	256QAM	1	0	19.33	19.42	19.44	20.7	0
1.4	256QAM	1	3	19.32	19.47	19.41		
1.4	256QAM	1	5	19.38	19.48	19.38		
1.4	256QAM	3	0	19.30	19.46	19.40		
1.4	256QAM	3	1	19.38	19.45	19.29		
1.4	256QAM	3	3	19.41	19.46	19.44		
1.4	256QAM	6	0	19.39	19.43	19.44	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.47	18.56	18.29	19.7	0
20	QPSK	1	49	18.32	18.50	18.43		
20	QPSK	1	99	18.39	18.51	18.29		
20	QPSK	50	0	18.36	18.52	18.36	19.7	0
20	QPSK	50	24	18.32	18.38	18.37		
20	QPSK	50	50	18.34	18.40	18.39		
20	QPSK	100	0	18.34	18.39	18.33		
20	16QAM	1	0	18.46	18.37	18.48	19.7	0
20	16QAM	1	49	18.30	18.52	18.46		
20	16QAM	1	99	18.36	18.46	18.43		
20	16QAM	50	0	18.44	18.41	18.42	19.7	0
20	16QAM	50	24	18.45	18.47	18.45		
20	16QAM	50	50	18.39	18.50	18.38		
20	16QAM	100	0	18.44	18.44	18.47		
20	64QAM	1	0	18.36	18.46	18.42	19.7	0
20	64QAM	1	49	18.39	18.51	18.32		
20	64QAM	1	99	18.43	18.44	18.39		
20	64QAM	50	0	18.39	18.42	18.35	19.7	0
20	64QAM	50	24	18.38	18.40	18.48		
20	64QAM	50	50	18.32	18.46	18.42		
20	64QAM	100	0	18.44	18.40	18.46		
20	256QAM	1	0	18.40	18.47	18.48	19.7	0
20	256QAM	1	49	18.33	18.51	18.43		
20	256QAM	1	99	18.42	18.49	18.33		
20	256QAM	50	0	18.44	18.47	18.39	19.7	0
20	256QAM	50	24	18.42	18.46	18.41		
20	256QAM	50	50	18.43	18.49	18.42		
20	256QAM	100	0	18.40	18.44	18.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.38	18.41	18.25	19.7	0
15	QPSK	1	37	18.32	18.32	18.26		
15	QPSK	1	74	18.37	18.32	18.20		
15	QPSK	36	0	18.30	18.36	18.37	19.7	0
15	QPSK	36	20	18.27	18.38	18.24		
15	QPSK	36	39	18.29	18.40	18.37		
15	QPSK	75	0	18.23	18.34	18.37		
15	16QAM	1	0	18.34	18.42	18.33	19.7	0
15	16QAM	1	37	18.21	18.34	18.31		
15	16QAM	1	74	18.20	18.34	18.33		
15	16QAM	36	0	18.20	18.38	18.23	19.7	0
15	16QAM	36	20	18.30	18.29	18.37		
15	16QAM	36	39	18.20	18.30	18.23		
15	16QAM	75	0	18.21	18.29	18.22		
15	64QAM	1	0	18.29	18.29	18.29	19.7	0
15	64QAM	1	37	18.26	18.33	18.24		
15	64QAM	1	74	18.23	18.33	18.29		
15	64QAM	36	0	18.29	18.34	18.30	19.7	0
15	64QAM	36	20	18.34	18.33	18.33		
15	64QAM	36	39	18.28	18.35	18.28		
15	64QAM	75	0	18.30	18.38	18.30		
15	256QAM	1	0	18.30	18.34	18.38	19.7	0
15	256QAM	1	37	18.31	18.41	18.32		
15	256QAM	1	74	18.33	18.41	18.36		
15	256QAM	36	0	18.27	18.33	18.35	19.7	0
15	256QAM	36	20	18.20	18.34	18.31		
15	256QAM	36	39	18.31	18.39	18.37		
15	256QAM	75	0	18.34	18.27	18.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.38	18.41	18.24	19.7	0
10	QPSK	1	25	18.34	18.32	18.35		
10	QPSK	1	49	18.40	18.30	18.19		
10	QPSK	25	0	18.21	18.39	18.26	19.7	0
10	QPSK	25	12	18.30	18.41	18.24		
10	QPSK	25	25	18.28	18.30	18.28		
10	QPSK	50	0	18.25	18.35	18.34		
10	16QAM	1	0	18.21	18.36	18.24	19.7	0
10	16QAM	1	25	18.20	18.27	18.25		
10	16QAM	1	49	18.35	18.34	18.24		
10	16QAM	25	0	18.26	18.34	18.34	19.7	0
10	16QAM	25	12	18.24	18.39	18.32		
10	16QAM	25	25	18.27	18.37	18.31		
10	16QAM	50	0	18.29	18.42	18.28		
10	64QAM	1	0	18.25	18.41	18.36	19.7	0
10	64QAM	1	25	18.31	18.41	18.24		
10	64QAM	1	49	18.26	18.28	18.30		
10	64QAM	25	0	18.20	18.30	18.31	19.7	0
10	64QAM	25	12	18.22	18.33	18.37		
10	64QAM	25	25	18.26	18.43	18.34		
10	64QAM	50	0	18.22	18.36	18.30		
10	256QAM	1	0	18.26	18.29	18.27	19.7	0
10	256QAM	1	25	18.26	18.29	18.25		
10	256QAM	1	49	18.24	18.29	18.37		
10	256QAM	25	0	18.35	18.29	18.29	19.7	0
10	256QAM	25	12	18.33	18.39	18.36		
10	256QAM	25	25	18.23	18.28	18.34		
10	256QAM	50	0	18.36	18.39	18.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.44	18.51	18.27	19.7	0
5	QPSK	1	12	18.27	18.42	18.22		
5	QPSK	1	24	18.34	18.36	18.22		
5	QPSK	12	0	18.21	18.27	18.38	19.7	0
5	QPSK	12	7	18.30	18.36	18.30		
5	QPSK	12	13	18.26	18.30	18.35		
5	QPSK	25	0	18.27	18.32	18.29		
5	16QAM	1	0	18.24	18.43	18.28	19.7	0
5	16QAM	1	12	18.30	18.36	18.29		
5	16QAM	1	24	18.25	18.41	18.37		
5	16QAM	12	0	18.31	18.33	18.26	19.7	0
5	16QAM	12	7	18.26	18.39	18.26		
5	16QAM	12	13	18.33	18.30	18.29		
5	16QAM	25	0	18.25	18.34	18.29		
5	64QAM	1	0	18.25	18.32	18.25	19.7	0
5	64QAM	1	12	18.25	18.30	18.34		
5	64QAM	1	24	18.30	18.30	18.26		
5	64QAM	12	0	18.22	18.40	18.26	19.7	0
5	64QAM	12	7	18.25	18.30	18.32		
5	64QAM	12	13	18.30	18.40	18.23		
5	64QAM	25	0	18.33	18.33	18.34		
5	256QAM	1	0	18.32	18.31	18.24	19.7	0
5	256QAM	1	12	18.27	18.39	18.36		
5	256QAM	1	24	18.21	18.43	18.30		
5	256QAM	12	0	18.33	18.35	18.23	19.7	0
5	256QAM	12	7	18.27	18.40	18.29		
5	256QAM	12	13	18.30	18.39	18.34		
5	256QAM	25	0	18.21	18.33	18.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.32	18.40	18.23	19.7	0
3	QPSK	1	8	18.32	18.32	18.30		
3	QPSK	1	14	18.36	18.30	18.22		
3	QPSK	8	0	18.26	18.37	18.26	19.7	0
3	QPSK	8	4	18.22	18.32	18.26		
3	QPSK	8	7	18.29	18.38	18.31		
3	QPSK	15	0	18.30	18.28	18.25		
3	16QAM	1	0	18.32	18.42	18.29	19.7	0
3	16QAM	1	8	18.22	18.39	18.36		
3	16QAM	1	14	18.34	18.37	18.27		
3	16QAM	8	0	18.21	18.39	18.31	19.7	0
3	16QAM	8	4	18.25	18.28	18.26		
3	16QAM	8	7	18.31	18.27	18.28		
3	16QAM	15	0	18.29	18.41	18.34		
3	64QAM	1	0	18.28	18.36	18.32	19.7	0
3	64QAM	1	8	18.21	18.39	18.23		
3	64QAM	1	14	18.26	18.36	18.30		
3	64QAM	8	0	18.20	18.27	18.26	19.7	0
3	64QAM	8	4	18.25	18.43	18.30		
3	64QAM	8	7	18.21	18.36	18.32		
3	64QAM	15	0	18.25	18.35	18.30		
3	256QAM	1	0	18.23	18.33	18.37	19.7	0
3	256QAM	1	8	18.29	18.43	18.35		
3	256QAM	1	14	18.26	18.42	18.27		
3	256QAM	8	0	18.28	18.34	18.29	19.7	0
3	256QAM	8	4	18.26	18.29	18.24		
3	256QAM	8	7	18.21	18.40	18.30		
3	256QAM	15	0	18.25	18.32	18.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.39	18.41	18.19	19.7	0
1.4	QPSK	1	3	18.25	18.30	18.33		
1.4	QPSK	1	5	18.33	18.37	18.17		
1.4	QPSK	3	0	18.22	18.30	18.37		
1.4	QPSK	3	1	18.30	18.37	18.26		
1.4	QPSK	3	3	18.30	18.43	18.35		
1.4	QPSK	6	0	18.30	18.42	18.32	19.7	0
1.4	16QAM	1	0	18.26	18.34	18.29	19.7	0
1.4	16QAM	1	3	18.25	18.38	18.37		
1.4	16QAM	1	5	18.28	18.29	18.38		
1.4	16QAM	3	0	18.21	18.30	18.36		
1.4	16QAM	3	1	18.24	18.29	18.38		
1.4	16QAM	3	3	18.29	18.39	18.34		
1.4	16QAM	6	0	18.25	18.42	18.35	19.7	0
1.4	64QAM	1	0	18.33	18.40	18.30	19.7	0
1.4	64QAM	1	3	18.32	18.32	18.32		
1.4	64QAM	1	5	18.26	18.40	18.37		
1.4	64QAM	3	0	18.27	18.28	18.37		
1.4	64QAM	3	1	18.31	18.42	18.26		
1.4	64QAM	3	3	18.25	18.39	18.29		
1.4	64QAM	6	0	18.25	18.29	18.23	19.7	0
1.4	256QAM	1	0	18.24	18.39	18.27	19.7	0
1.4	256QAM	1	3	18.32	18.29	18.34		
1.4	256QAM	1	5	18.29	18.37	18.35		
1.4	256QAM	3	0	18.22	18.42	18.37		
1.4	256QAM	3	1	18.34	18.30	18.32		
1.4	256QAM	3	3	18.34	18.37	18.25		
1.4	256QAM	6	0	18.30	18.42	18.34	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.92	19.02	18.81	20	0
20	QPSK	1	49	18.83	18.90	18.95		
20	QPSK	1	99	18.90	18.93	18.77		
20	QPSK	50	0	18.92	18.99	18.96	20	0
20	QPSK	50	24	18.67	18.80	18.75		
20	QPSK	50	50	18.77	18.74	18.61		
20	QPSK	100	0	18.61	18.86	18.53		
20	16QAM	1	0	18.72	18.70	18.85	20	0
20	16QAM	1	49	18.67	18.66	18.67		
20	16QAM	1	99	18.64	18.71	18.67		
20	16QAM	50	0	18.75	18.75	18.70	20	0
20	16QAM	50	24	18.85	18.78	18.87		
20	16QAM	50	50	18.78	18.68	18.77		
20	16QAM	100	0	18.64	18.86	18.80		
20	64QAM	1	0	18.79	18.79	18.77	20	0
20	64QAM	1	49	18.73	18.73	18.85		
20	64QAM	1	99	18.76	18.90	18.83		
20	64QAM	50	0	18.79	18.80	18.73	20	0
20	64QAM	50	24	18.74	18.80	18.75		
20	64QAM	50	50	18.71	18.90	18.88		
20	64QAM	100	0	18.77	18.86	18.91		
20	256QAM	1	0	18.21	18.38	18.29	19.5	0.5
20	256QAM	1	49	18.23	18.40	18.33		
20	256QAM	1	99	18.37	18.24	18.32		
20	256QAM	50	0	18.32	18.30	18.24	19.5	0.5
20	256QAM	50	24	18.19	18.40	18.32		
20	256QAM	50	50	18.23	18.25	18.28		
20	256QAM	100	0	18.25	18.37	18.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.69	18.97	18.77	20	0
15	QPSK	1	37	18.77	18.79	18.72		
15	QPSK	1	74	18.70	18.80	18.68		
15	QPSK	36	0	18.62	18.79	18.65	20	0
15	QPSK	36	20	18.66	18.62	18.57		
15	QPSK	36	39	18.59	18.70	18.51		
15	QPSK	75	0	18.54	18.71	18.53		
15	16QAM	1	0	18.56	18.68	18.67	20	0
15	16QAM	1	37	18.61	18.59	18.70		
15	16QAM	1	74	18.60	18.60	18.62		
15	16QAM	36	0	18.70	18.64	18.57	20	0
15	16QAM	36	20	18.67	18.65	18.70		
15	16QAM	36	39	18.77	18.72	18.68		
15	16QAM	75	0	18.57	18.75	18.76		
15	64QAM	1	0	18.62	18.73	18.77	20	0
15	64QAM	1	37	18.61	18.63	18.76		
15	64QAM	1	74	18.66	18.75	18.67		
15	64QAM	36	0	18.67	18.68	18.61	20	0
15	64QAM	36	20	18.55	18.63	18.68		
15	64QAM	36	39	18.59	18.73	18.75		
15	64QAM	75	0	18.68	18.71	18.81		
15	256QAM	1	0	18.13	18.26	18.11	19.5	0.5
15	256QAM	1	37	18.07	18.33	18.22		
15	256QAM	1	74	18.20	18.25	18.16		
15	256QAM	36	0	18.21	18.29	18.14	19.5	0.5
15	256QAM	36	20	18.08	18.27	18.22		
15	256QAM	36	39	18.08	18.17	18.20		
15	256QAM	75	0	18.22	18.28	18.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.71	18.82	18.80	20	0
10	QPSK	1	25	18.74	18.76	18.85		
10	QPSK	1	49	18.74	18.82	18.68		
10	QPSK	25	0	18.58	18.76	18.60	20	0
10	QPSK	25	12	18.70	18.72	18.69		
10	QPSK	25	25	18.54	18.63	18.53		
10	QPSK	50	0	18.53	18.67	18.56		
10	16QAM	1	0	18.60	18.55	18.61	20	0
10	16QAM	1	25	18.67	18.53	18.67		
10	16QAM	1	49	18.50	18.57	18.53		
10	16QAM	25	0	18.73	18.58	18.68	20	0
10	16QAM	25	12	18.69	18.68	18.76		
10	16QAM	25	25	18.75	18.61	18.67		
10	16QAM	50	0	18.56	18.81	18.72		
10	64QAM	1	0	18.73	18.72	18.79	20	0
10	64QAM	1	25	18.57	18.59	18.74		
10	64QAM	1	49	18.60	18.76	18.70		
10	64QAM	25	0	18.69	18.75	18.63	20	0
10	64QAM	25	12	18.56	18.67	18.62		
10	64QAM	25	25	18.58	18.75	18.72		
10	64QAM	50	0	18.75	18.66	18.75		
10	256QAM	1	0	18.24	18.36	18.21	19.5	0.5
10	256QAM	1	25	18.16	18.32	18.24		
10	256QAM	1	49	18.16	18.20	18.16		
10	256QAM	25	0	18.20	18.20	18.20	19.5	0.5
10	256QAM	25	12	18.13	18.18	18.26		
10	256QAM	25	25	18.09	18.25	18.18		
10	256QAM	50	0	18.13	18.21	18.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.76	18.95	18.72	20	0
5	QPSK	1	12	18.75	18.78	18.80		
5	QPSK	1	24	18.81	18.81	18.71		
5	QPSK	12	0	18.57	18.78	18.65	20	0
5	QPSK	12	7	18.62	18.63	18.62		
5	QPSK	12	13	18.64	18.73	18.58		
5	QPSK	25	0	18.52	18.56	18.56		
5	16QAM	1	0	18.62	18.67	18.62	20	0
5	16QAM	1	12	18.61	18.52	18.58		
5	16QAM	1	24	18.55	18.57	18.65		
5	16QAM	12	0	18.60	18.64	18.71	20	0
5	16QAM	12	7	18.67	18.59	18.71		
5	16QAM	12	13	18.72	18.68	18.77		
5	16QAM	25	0	18.63	18.74	18.66		
5	64QAM	1	0	18.64	18.64	18.77	20	0
5	64QAM	1	12	18.61	18.71	18.79		
5	64QAM	1	24	18.63	18.86	18.73		
5	64QAM	12	0	18.71	18.67	18.65	20	0
5	64QAM	12	7	18.56	18.73	18.56		
5	64QAM	12	13	18.68	18.76	18.78		
5	64QAM	25	0	18.64	18.79	18.69		
5	256QAM	1	0	18.17	18.32	18.19	19.5	0.5
5	256QAM	1	12	18.07	18.38	18.20		
5	256QAM	1	24	18.23	18.16	18.23		
5	256QAM	12	0	18.21	18.25	18.17	19.5	0.5
5	256QAM	12	7	18.03	18.17	18.14		
5	256QAM	12	13	18.15	18.23	18.16		
5	256QAM	25	0	18.12	18.22	18.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.82	18.90	18.81	20	0
3	QPSK	1	8	18.79	18.85	18.77		
3	QPSK	1	14	18.72	18.71	18.77		
3	QPSK	8	0	18.67	18.75	18.70	20	0
3	QPSK	8	4	18.68	18.69	18.63		
3	QPSK	8	7	18.66	18.64	18.61		
3	QPSK	15	0	18.52	18.62	18.50		
3	16QAM	1	0	18.55	18.58	18.62	20	0
3	16QAM	1	8	18.51	18.62	18.59		
3	16QAM	1	14	18.56	18.60	18.60		
3	16QAM	8	0	18.64	18.60	18.57	20	0
3	16QAM	8	4	18.76	18.64	18.79		
3	16QAM	8	7	18.73	18.73	18.74		
3	16QAM	15	0	18.59	18.71	18.67		
3	64QAM	1	0	18.64	18.63	18.77	20	0
3	64QAM	1	8	18.67	18.73	18.70		
3	64QAM	1	14	18.74	18.78	18.75		
3	64QAM	8	0	18.65	18.68	18.59	20	0
3	64QAM	8	4	18.64	18.71	18.64		
3	64QAM	8	7	18.62	18.79	18.80		
3	64QAM	15	0	18.69	18.71	18.71		
3	256QAM	1	0	18.10	18.33	18.10	19.5	0.5
3	256QAM	1	8	18.02	18.30	18.17		
3	256QAM	1	14	18.31	18.15	18.15		
3	256QAM	8	0	18.15	18.35	18.19	19.5	0.5
3	256QAM	8	4	18.06	18.29	18.19		
3	256QAM	8	7	18.12	18.23	18.21		
3	256QAM	15	0	18.13	18.22	18.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.78	18.95	18.75	20	0
1.4	QPSK	1	3	18.78	18.79	18.87		
1.4	QPSK	1	5	18.74	18.82	18.74		
1.4	QPSK	3	0	18.55	18.73	18.71		
1.4	QPSK	3	1	18.59	18.64	18.54		
1.4	QPSK	3	3	18.54	18.60	18.50		
1.4	QPSK	6	0	18.50	18.62	18.53	20	0
1.4	16QAM	1	0	18.58	18.67	18.64	20	0
1.4	16QAM	1	3	18.58	18.59	18.70		
1.4	16QAM	1	5	18.55	18.62	18.54		
1.4	16QAM	3	0	18.65	18.60	18.58		
1.4	16QAM	3	1	18.68	18.58	18.80		
1.4	16QAM	3	3	18.72	18.72	18.65		
1.4	16QAM	6	0	18.62	18.79	18.69	20	0
1.4	64QAM	1	0	18.64	18.58	18.68	20	0
1.4	64QAM	1	3	18.72	18.67	18.71		
1.4	64QAM	1	5	18.64	18.88	18.71		
1.4	64QAM	3	0	18.69	18.67	18.67		
1.4	64QAM	3	1	18.63	18.68	18.62		
1.4	64QAM	3	3	18.57	18.71	18.74		
1.4	64QAM	6	0	18.68	18.73	18.72	20	0
1.4	256QAM	1	0	18.13	18.23	18.12	19.5	0.5
1.4	256QAM	1	3	18.05	18.38	18.20		
1.4	256QAM	1	5	18.19	18.17	18.21		
1.4	256QAM	3	0	18.17	18.29	18.13		
1.4	256QAM	3	1	18.12	18.23	18.15		
1.4	256QAM	3	3	18.21	18.15	18.28		
1.4	256QAM	6	0	18.13	18.21	18.15	19.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.05	19.17	19.11	20.5	0
20	QPSK	1	49	19.02	19.04	19.03		
20	QPSK	1	99	18.96	19.04	18.86		
20	QPSK	50	0	19.10	19.12	19.04	20.5	0
20	QPSK	50	24	18.77	18.82	18.75		
20	QPSK	50	50	18.89	18.85	18.70		
20	QPSK	100	0	18.73	19.09	18.69		
20	16QAM	1	0	18.68	18.85	18.95	20.5	0
20	16QAM	1	49	18.82	18.81	18.85		
20	16QAM	1	99	18.82	18.80	18.86		
20	16QAM	50	0	18.85	18.81	18.90	20.5	0
20	16QAM	50	24	18.95	18.84	18.95		
20	16QAM	50	50	18.84	18.79	18.84		
20	16QAM	100	0	18.85	18.98	18.95		
20	64QAM	1	0	18.79	18.78	18.97	20.5	0
20	64QAM	1	49	18.84	18.91	18.90		
20	64QAM	1	99	18.81	18.98	18.97		
20	64QAM	50	0	18.92	18.91	18.88	20.5	0
20	64QAM	50	24	18.84	18.87	18.74		
20	64QAM	50	50	18.87	18.92	18.95		
20	64QAM	100	0	18.91	18.87	18.92		
20	256QAM	1	0	18.93	18.92	18.84	20.5	0
20	256QAM	1	49	18.78	19.07	18.90		
20	256QAM	1	99	19.02	18.96	18.92		
20	256QAM	50	0	18.94	18.93	18.94	20.5	0
20	256QAM	50	24	18.79	18.98	18.93		
20	256QAM	50	50	18.82	18.89	18.86		
20	256QAM	100	0	18.89	18.98	18.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.83	19.06	18.87	20.5	0
15	QPSK	1	37	18.85	18.97	18.87		
15	QPSK	1	74	18.85	18.79	18.87		
15	QPSK	36	0	18.76	18.87	18.74	20.5	0
15	QPSK	36	20	18.68	18.76	18.77		
15	QPSK	36	39	18.64	18.83	18.64		
15	QPSK	75	0	18.59	18.75	18.62		
15	16QAM	1	0	18.64	18.67	18.78	20.5	0
15	16QAM	1	37	18.73	18.62	18.71		
15	16QAM	1	74	18.64	18.72	18.68		
15	16QAM	36	0	18.75	18.68	18.70	20.5	0
15	16QAM	36	20	18.82	18.69	18.80		
15	16QAM	36	39	18.84	18.80	18.85		
15	16QAM	75	0	18.63	18.87	18.85		
15	64QAM	1	0	18.84	18.74	18.89	20.5	0
15	64QAM	1	37	18.72	18.78	18.83		
15	64QAM	1	74	18.77	18.91	18.88		
15	64QAM	36	0	18.73	18.81	18.83	20.5	0
15	64QAM	36	20	18.71	18.84	18.75		
15	64QAM	36	39	18.75	18.87	18.89		
15	64QAM	75	0	18.82	18.86	18.80		
15	256QAM	1	0	18.71	18.90	18.75	20.5	0
15	256QAM	1	37	18.73	18.96	18.75		
15	256QAM	1	74	18.78	18.90	18.77		
15	256QAM	36	0	18.74	18.87	18.86	20.5	0
15	256QAM	36	20	18.66	18.77	18.85		
15	256QAM	36	39	18.81	18.84	18.87		
15	256QAM	75	0	18.68	18.83	18.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.83	19.04	18.94	20.5	0
10	QPSK	1	25	18.96	18.93	18.88		
10	QPSK	1	49	18.84	18.82	18.85		
10	QPSK	25	0	18.70	18.90	18.80	20.5	0
10	QPSK	25	12	18.71	18.69	18.63		
10	QPSK	25	25	18.71	18.83	18.63		
10	QPSK	50	0	18.63	18.66	18.56		
10	16QAM	1	0	18.71	18.72	18.80	20.5	0
10	16QAM	1	25	18.68	18.62	18.68		
10	16QAM	1	49	18.69	18.64	18.70		
10	16QAM	25	0	18.83	18.78	18.73	20.5	0
10	16QAM	25	12	18.84	18.75	18.81		
10	16QAM	25	25	18.78	18.76	18.78		
10	16QAM	50	0	18.68	18.85	18.83		
10	64QAM	1	0	18.78	18.80	18.86	20.5	0
10	64QAM	1	25	18.69	18.76	18.80		
10	64QAM	1	49	18.75	18.92	18.89		
10	64QAM	25	0	18.83	18.83	18.83	20.5	0
10	64QAM	25	12	18.75	18.87	18.76		
10	64QAM	25	25	18.76	18.83	18.96		
10	64QAM	50	0	18.74	18.87	18.91		
10	256QAM	1	0	18.74	18.96	18.69	20.5	0
10	256QAM	1	25	18.60	19.00	18.71		
10	256QAM	1	49	18.78	18.75	18.81		
10	256QAM	25	0	18.78	18.95	18.75	20.5	0
10	256QAM	25	12	18.63	18.75	18.76		
10	256QAM	25	25	18.73	18.84	18.81		
10	256QAM	50	0	18.68	18.76	18.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.83	18.97	18.97	20.5	0
5	QPSK	1	12	18.95	18.98	18.84		
5	QPSK	1	24	18.76	18.91	18.85		
5	QPSK	12	0	18.71	18.85	18.83	20.5	0
5	QPSK	12	7	18.81	18.82	18.64		
5	QPSK	12	13	18.65	18.74	18.72		
5	QPSK	25	0	18.53	18.77	18.50		
5	16QAM	1	0	18.70	18.79	18.80	20.5	0
5	16QAM	1	12	18.71	18.70	18.75		
5	16QAM	1	24	18.68	18.67	18.77		
5	16QAM	12	0	18.83	18.73	18.71	20.5	0
5	16QAM	12	7	18.88	18.81	18.86		
5	16QAM	12	13	18.89	18.82	18.87		
5	16QAM	25	0	18.73	18.91	18.80		
5	64QAM	1	0	18.82	18.79	18.82	20.5	0
5	64QAM	1	12	18.67	18.70	18.90		
5	64QAM	1	24	18.77	18.93	18.80		
5	64QAM	12	0	18.73	18.85	18.81	20.5	0
5	64QAM	12	7	18.65	18.79	18.80		
5	64QAM	12	13	18.65	18.82	18.85		
5	64QAM	25	0	18.72	18.86	18.82		
5	256QAM	1	0	18.80	18.83	18.78	20.5	0
5	256QAM	1	12	18.73	18.96	18.80		
5	256QAM	1	24	18.80	18.81	18.76		
5	256QAM	12	0	18.82	18.95	18.81	20.5	0
5	256QAM	12	7	18.64	18.84	18.86		
5	256QAM	12	13	18.76	18.80	18.91		
5	256QAM	25	0	18.68	18.81	18.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.85	18.96	18.83	20.5	0
3	QPSK	1	8	18.84	18.90	18.84		
3	QPSK	1	14	18.81	18.93	18.89		
3	QPSK	8	0	18.64	18.92	18.74	20.5	0
3	QPSK	8	4	18.67	18.75	18.77		
3	QPSK	8	7	18.66	18.72	18.68		
3	QPSK	15	0	18.52	18.78	18.58		
3	16QAM	1	0	18.71	18.78	18.78	20.5	0
3	16QAM	1	8	18.75	18.71	18.74		
3	16QAM	1	14	18.66	18.62	18.67		
3	16QAM	8	0	18.77	18.79	18.76	20.5	0
3	16QAM	8	4	18.72	18.72	18.81		
3	16QAM	8	7	18.86	18.69	18.73		
3	16QAM	15	0	18.70	18.90	18.85		
3	64QAM	1	0	18.70	18.75	18.78	20.5	0
3	64QAM	1	8	18.72	18.80	18.82		
3	64QAM	1	14	18.74	18.83	18.74		
3	64QAM	8	0	18.74	18.80	18.73	20.5	0
3	64QAM	8	4	18.75	18.82	18.73		
3	64QAM	8	7	18.79	18.89	18.84		
3	64QAM	15	0	18.72	18.79	18.83		
3	256QAM	1	0	18.69	18.90	18.74	20.5	0
3	256QAM	1	8	18.70	18.91	18.84		
3	256QAM	1	14	18.87	18.84	18.76		
3	256QAM	8	0	18.70	18.94	18.80	20.5	0
3	256QAM	8	4	18.74	18.88	18.79		
3	256QAM	8	7	18.82	18.83	18.83		
3	256QAM	15	0	18.72	18.83	18.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.82	19.01	18.92	20.5	0
1.4	QPSK	1	3	18.95	18.87	18.83		
1.4	QPSK	1	5	18.88	18.91	18.77		
1.4	QPSK	3	0	18.66	18.86	18.74		
1.4	QPSK	3	1	18.73	18.75	18.72		
1.4	QPSK	3	3	18.73	18.77	18.65		
1.4	QPSK	6	0	18.65	18.70	18.63	20.5	0
1.4	16QAM	1	0	18.69	18.74	18.75	20.5	0
1.4	16QAM	1	3	18.63	18.63	18.73		
1.4	16QAM	1	5	18.59	18.73	18.75		
1.4	16QAM	3	0	18.73	18.80	18.71		
1.4	16QAM	3	1	18.75	18.74	18.80		
1.4	16QAM	3	3	18.74	18.75	18.76		
1.4	16QAM	6	0	18.68	18.83	18.80	20.5	0
1.4	64QAM	1	0	18.81	18.78	18.89	20.5	0
1.4	64QAM	1	3	18.75	18.83	18.83		
1.4	64QAM	1	5	18.81	18.86	18.74		
1.4	64QAM	3	0	18.81	18.84	18.78		
1.4	64QAM	3	1	18.70	18.82	18.80		
1.4	64QAM	3	3	18.68	18.90	18.91		
1.4	64QAM	6	0	18.82	18.90	18.82	20.5	0
1.4	256QAM	1	0	18.71	18.81	18.83	20.5	0
1.4	256QAM	1	3	18.74	18.99	18.70		
1.4	256QAM	1	5	18.86	18.80	18.76		
1.4	256QAM	3	0	18.77	18.86	18.85		
1.4	256QAM	3	1	18.70	18.78	18.85		
1.4	256QAM	3	3	18.79	18.83	18.76		
1.4	256QAM	6	0	18.68	18.89	18.76	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.45	18.62	18.57	20	0
20	QPSK	1	49	18.43	18.56	18.55		
20	QPSK	1	99	18.43	18.53	18.46		
20	QPSK	50	0	18.55	18.59	18.48	20	0
20	QPSK	50	24	18.39	18.34	18.35		
20	QPSK	50	50	18.37	18.34	18.36		
20	QPSK	100	0	18.21	18.53	18.15		
20	16QAM	1	0	18.33	18.37	18.38	20	0
20	16QAM	1	49	18.37	18.21	18.34		
20	16QAM	1	99	18.29	18.32	18.31		
20	16QAM	50	0	18.42	18.33	18.39	20	0
20	16QAM	50	24	18.41	18.33	18.45		
20	16QAM	50	50	18.43	18.41	18.50		
20	16QAM	100	0	18.35	18.47	18.48		
20	64QAM	1	0	18.33	18.37	18.51	20	0
20	64QAM	1	49	18.38	18.38	18.41		
20	64QAM	1	99	18.43	18.48	18.46		
20	64QAM	50	0	18.39	18.39	18.41	20	0
20	64QAM	50	24	18.40	18.35	18.37		
20	64QAM	50	50	18.30	18.56	18.50		
20	64QAM	100	0	18.47	18.41	18.54		
20	256QAM	1	0	18.39	18.48	18.46	20	0
20	256QAM	1	49	18.31	18.57	18.41		
20	256QAM	1	99	18.37	18.39	18.41		
20	256QAM	50	0	18.31	18.46	18.38	20	0
20	256QAM	50	24	18.25	18.40	18.46		
20	256QAM	50	50	18.40	18.47	18.52		
20	256QAM	100	0	18.40	18.43	18.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.41	18.50	18.45	20	0
15	QPSK	1	37	18.44	18.36	18.39		
15	QPSK	1	74	18.35	18.34	18.25		
15	QPSK	36	0	18.19	18.35	18.34	20	0
15	QPSK	36	20	18.31	18.24	18.29		
15	QPSK	36	39	18.27	18.32	18.18		
15	QPSK	75	0	18.08	18.23	18.09		
15	16QAM	1	0	18.19	18.25	18.37	20	0
15	16QAM	1	37	18.24	18.13	18.31		
15	16QAM	1	74	18.24	18.14	18.15		
15	16QAM	36	0	18.32	18.29	18.20	20	0
15	16QAM	36	20	18.34	18.23	18.42		
15	16QAM	36	39	18.34	18.19	18.26		
15	16QAM	75	0	18.19	18.42	18.26		
15	64QAM	1	0	18.27	18.28	18.38	20	0
15	64QAM	1	37	18.18	18.29	18.31		
15	64QAM	1	74	18.35	18.45	18.31		
15	64QAM	36	0	18.32	18.38	18.20	20	0
15	64QAM	36	20	18.30	18.34	18.30		
15	64QAM	36	39	18.16	18.44	18.46		
15	64QAM	75	0	18.22	18.39	18.29		
15	256QAM	1	0	18.33	18.39	18.28	20	0
15	256QAM	1	37	18.14	18.50	18.36		
15	256QAM	1	74	18.42	18.33	18.23		
15	256QAM	36	0	18.33	18.35	18.33	20	0
15	256QAM	36	20	18.23	18.27	18.31		
15	256QAM	36	39	18.34	18.28	18.28		
15	256QAM	75	0	18.26	18.41	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.43	18.56	18.41	20	0
10	QPSK	1	25	18.41	18.42	18.40		
10	QPSK	1	49	18.28	18.44	18.37		
10	QPSK	25	0	18.17	18.44	18.34	20	0
10	QPSK	25	12	18.20	18.27	18.21		
10	QPSK	25	25	18.23	18.22	18.11		
10	QPSK	50	0	18.15	18.27	18.07		
10	16QAM	1	0	18.16	18.20	18.31	20	0
10	16QAM	1	25	18.15	18.16	18.17		
10	16QAM	1	49	18.17	18.15	18.14		
10	16QAM	25	0	18.23	18.27	18.24	20	0
10	16QAM	25	12	18.33	18.20	18.41		
10	16QAM	25	25	18.25	18.31	18.37		
10	16QAM	50	0	18.22	18.35	18.39		
10	64QAM	1	0	18.31	18.34	18.35	20	0
10	64QAM	1	25	18.32	18.22	18.34		
10	64QAM	1	49	18.22	18.36	18.26		
10	64QAM	25	0	18.37	18.37	18.33	20	0
10	64QAM	25	12	18.19	18.35	18.20		
10	64QAM	25	25	18.29	18.31	18.46		
10	64QAM	50	0	18.24	18.32	18.39		
10	256QAM	1	0	18.27	18.48	18.31	20	0
10	256QAM	1	25	18.26	18.47	18.34		
10	256QAM	1	49	18.34	18.33	18.37		
10	256QAM	25	0	18.35	18.32	18.27	20	0
10	256QAM	25	12	18.21	18.31	18.24		
10	256QAM	25	25	18.25	18.30	18.28		
10	256QAM	50	0	18.20	18.31	18.27		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.42	18.46	18.40	20	0
5	QPSK	1	12	18.49	18.40	18.34		
5	QPSK	1	24	18.41	18.43	18.38		
5	QPSK	12	0	18.24	18.40	18.22	20	0
5	QPSK	12	7	18.18	18.35	18.20		
5	QPSK	12	13	18.22	18.29	18.18		
5	QPSK	25	0	18.05	18.27	18.09		
5	16QAM	1	0	18.15	18.25	18.24	20	0
5	16QAM	1	12	18.21	18.21	18.20		
5	16QAM	1	24	18.21	18.23	18.25		
5	16QAM	12	0	18.25	18.16	18.32	20	0
5	16QAM	12	7	18.26	18.22	18.33		
5	16QAM	12	13	18.28	18.32	18.33		
5	16QAM	25	0	18.22	18.42	18.27		
5	64QAM	1	0	18.19	18.22	18.29	20	0
5	64QAM	1	12	18.24	18.28	18.33		
5	64QAM	1	24	18.28	18.42	18.36		
5	64QAM	12	0	18.28	18.33	18.23	20	0
5	64QAM	12	7	18.32	18.24	18.21		
5	64QAM	12	13	18.19	18.32	18.43		
5	64QAM	25	0	18.23	18.40	18.35		
5	256QAM	1	0	18.33	18.39	18.22	20	0
5	256QAM	1	12	18.24	18.44	18.21		
5	256QAM	1	24	18.39	18.26	18.26		
5	256QAM	12	0	18.21	18.37	18.29	20	0
5	256QAM	12	7	18.20	18.39	18.32		
5	256QAM	12	13	18.19	18.38	18.33		
5	256QAM	25	0	18.30	18.25	18.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.40	18.50	18.33	20	0
3	QPSK	1	8	18.35	18.39	18.36		
3	QPSK	1	14	18.34	18.41	18.40		
3	QPSK	8	0	18.25	18.37	18.26	20	0
3	QPSK	8	4	18.30	18.29	18.25		
3	QPSK	8	7	18.16	18.36	18.27		
3	QPSK	15	0	18.06	18.21	18.09		
3	16QAM	1	0	18.17	18.24	18.29	20	0
3	16QAM	1	8	18.24	18.17	18.33		
3	16QAM	1	14	18.23	18.24	18.21		
3	16QAM	8	0	18.35	18.24	18.29	20	0
3	16QAM	8	4	18.26	18.23	18.38		
3	16QAM	8	7	18.27	18.32	18.32		
3	16QAM	15	0	18.14	18.33	18.28		
3	64QAM	1	0	18.30	18.22	18.40	20	0
3	64QAM	1	8	18.31	18.32	18.36		
3	64QAM	1	14	18.28	18.40	18.33		
3	64QAM	8	0	18.38	18.39	18.33	20	0
3	64QAM	8	4	18.32	18.27	18.21		
3	64QAM	8	7	18.15	18.39	18.32		
3	64QAM	15	0	18.24	18.29	18.40		
3	256QAM	1	0	18.32	18.46	18.27	20	0
3	256QAM	1	8	18.12	18.46	18.22		
3	256QAM	1	14	18.35	18.36	18.35		
3	256QAM	8	0	18.21	18.34	18.38	20	0
3	256QAM	8	4	18.24	18.29	18.30		
3	256QAM	8	7	18.30	18.27	18.42		
3	256QAM	15	0	18.24	18.34	18.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.43	18.53	18.38	20	0
1.4	QPSK	1	3	18.49	18.49	18.47		
1.4	QPSK	1	5	18.36	18.41	18.25		
1.4	QPSK	3	0	18.18	18.47	18.20		
1.4	QPSK	3	1	18.18	18.22	18.24		
1.4	QPSK	3	3	18.21	18.29	18.17		
1.4	QPSK	6	0	18.07	18.30	18.13	20	0
1.4	16QAM	1	0	18.14	18.19	18.35	20	0
1.4	16QAM	1	3	18.24	18.24	18.33		
1.4	16QAM	1	5	18.12	18.19	18.25		
1.4	16QAM	3	0	18.31	18.21	18.26		
1.4	16QAM	3	1	18.25	18.24	18.45		
1.4	16QAM	3	3	18.34	18.31	18.31		
1.4	16QAM	6	0	18.15	18.35	18.26	20	0
1.4	64QAM	1	0	18.32	18.34	18.37	20	0
1.4	64QAM	1	3	18.27	18.31	18.28		
1.4	64QAM	1	5	18.28	18.46	18.28		
1.4	64QAM	3	0	18.37	18.35	18.20		
1.4	64QAM	3	1	18.19	18.26	18.22		
1.4	64QAM	3	3	18.18	18.40	18.36		
1.4	64QAM	6	0	18.34	18.36	18.43	20	0
1.4	256QAM	1	0	18.22	18.40	18.23	20	0
1.4	256QAM	1	3	18.24	18.40	18.30		
1.4	256QAM	1	5	18.36	18.28	18.28		
1.4	256QAM	3	0	18.29	18.39	18.30		
1.4	256QAM	3	1	18.18	18.33	18.35		
1.4	256QAM	3	3	18.24	18.31	18.35		
1.4	256QAM	6	0	18.25	18.29	18.38	20	0

Reduced Power Mode for Other PA ECI5

Band 5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.20	25.24	25.21		
10	QPSK	1	25	25.18	25.23	25.20	25.7	0
10	QPSK	1	49	25.21	25.14	25.22		
10	QPSK	25	0	24.41	24.45	24.37		
10	QPSK	25	12	24.29	24.35	24.24	24.7	1
10	QPSK	25	25	24.31	24.35	24.27		
10	QPSK	50	0	24.18	24.25	24.12		
10	16QAM	1	0	24.17	24.29	24.30		
10	16QAM	1	25	23.98	24.14	24.09	24.7	1
10	16QAM	1	49	23.93	24.08	24.27		
10	16QAM	25	0	23.20	23.20	23.16		
10	16QAM	25	12	23.00	23.14	23.05	23.7	2
10	16QAM	25	25	23.02	23.17	23.14		
10	16QAM	50	0	23.22	23.35	23.30		
10	64QAM	1	0	23.06	23.17	23.01		
10	64QAM	1	25	23.09	23.15	22.95	23.7	2
10	64QAM	1	49	22.90	23.16	22.83		
10	64QAM	25	0	22.20	22.24	22.27		
10	64QAM	25	12	22.15	22.28	22.14	22.7	3
10	64QAM	25	25	22.13	22.22	22.23		
10	64QAM	50	0	22.24	22.29	22.29		
10	256QAM	1	0	20.08	20.26	20.04		
10	256QAM	1	25	20.08	20.10	19.89	20.7	5
10	256QAM	1	49	20.05	20.08	19.93		
10	256QAM	25	0	20.21	20.24	20.14		
10	256QAM	25	12	20.09	20.10	20.13	20.7	5
10	256QAM	25	25	20.00	20.23	20.02		
10	256QAM	50	0	20.22	20.28	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.08	25.16	25.19		
5	QPSK	1	12	25.03	25.10	25.07	25.7	0
5	QPSK	1	24	25.19	25.07	25.10		
5	QPSK	12	0	24.26	24.38	24.22		
5	QPSK	12	7	24.16	24.23	24.15	24.7	1
5	QPSK	12	13	24.23	24.22	24.21		
5	QPSK	25	0	24.06	24.11	24.06		
5	16QAM	1	0	24.00	24.11	24.19		
5	16QAM	1	12	23.82	24.00	24.05	24.7	1
5	16QAM	1	24	23.79	23.98	24.23		
5	16QAM	12	0	23.11	23.09	23.10		
5	16QAM	12	7	22.85	23.02	22.98	23.7	2
5	16QAM	12	13	22.85	23.10	23.01		
5	16QAM	25	0	23.11	23.22	23.19		
5	64QAM	1	0	22.99	23.07	22.86		
5	64QAM	1	12	22.91	23.11	22.83	23.7	2
5	64QAM	1	24	22.77	23.12	22.79		
5	64QAM	12	0	22.12	22.15	22.22		
5	64QAM	12	7	22.13	22.15	22.03	22.7	3
5	64QAM	12	13	21.99	22.04	22.08		
5	64QAM	25	0	22.14	22.14	22.24		
5	256QAM	1	0	20.04	20.10	19.99		
5	256QAM	1	12	19.92	19.95	19.84	20.7	5
5	256QAM	1	24	19.90	19.93	19.80		
5	256QAM	12	0	20.16	20.22	20.00		
5	256QAM	12	7	19.93	20.00	20.02	20.7	5
5	256QAM	12	13	19.85	20.15	19.99		
5	256QAM	25	0	20.14	20.16	20.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.02	25.09	25.13		
3	QPSK	1	8	25.09	25.01	25.02	25.7	0
3	QPSK	1	14	25.11	24.94	25.10		
3	QPSK	8	0	24.29	24.26	24.25		
3	QPSK	8	4	24.16	24.23	24.14	24.7	1
3	QPSK	8	7	24.10	24.28	24.14		
3	QPSK	15	0	23.98	24.09	23.96		
3	16QAM	1	0	24.06	24.08	24.09		
3	16QAM	1	8	23.83	23.97	23.92	24.7	1
3	16QAM	1	14	23.83	23.95	24.05		
3	16QAM	8	0	23.07	23.10	22.93		
3	16QAM	8	4	22.79	22.97	22.91	23.7	2
3	16QAM	8	7	22.87	23.04	22.96		
3	16QAM	15	0	22.99	23.27	23.23		
3	64QAM	1	0	22.95	22.99	22.91		
3	64QAM	1	8	22.94	22.93	22.78	23.7	2
3	64QAM	1	14	22.82	23.04	22.71		
3	64QAM	8	0	22.07	22.04	22.15		
3	64QAM	8	4	21.93	22.18	22.04	22.7	3
3	64QAM	8	7	21.91	22.13	22.01		
3	64QAM	15	0	22.12	22.18	22.22		
3	256QAM	1	0	19.87	20.18	19.95		
3	256QAM	1	8	19.86	19.96	19.70	20.7	5
3	256QAM	1	14	19.82	19.98	19.71		
3	256QAM	8	0	20.03	20.02	20.01		
3	256QAM	8	4	19.96	19.90	19.97	20.7	5
3	256QAM	8	7	19.87	20.11	19.82		
3	256QAM	15	0	20.09	20.10	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.98	25.04	25.09		
1.4	QPSK	1	3	24.93	24.98	25.10		
1.4	QPSK	1	5	25.09	24.96	25.01	25.7	0
1.4	QPSK	3	0	25.05	25.07	25.00		
1.4	QPSK	3	1	24.99	25.09	25.06		
1.4	QPSK	3	3	25.03	24.89	24.98		
1.4	QPSK	6	0	24.26	24.31	24.20	24.7	1
1.4	16QAM	1	0	24.18	24.18	24.01		
1.4	16QAM	1	3	24.08	24.13	24.05		
1.4	16QAM	1	5	24.01	24.11	23.89	24.7	1
1.4	16QAM	3	0	23.97	24.18	24.12		
1.4	16QAM	3	1	23.75	23.92	23.89		
1.4	16QAM	3	3	23.82	23.90	24.05		
1.4	16QAM	6	0	23.06	23.03	22.98	23.7	2
1.4	64QAM	1	0	22.85	22.90	22.92		
1.4	64QAM	1	3	22.76	23.03	23.03		
1.4	64QAM	1	5	23.03	23.15	23.14	23.7	2
1.4	64QAM	3	0	22.88	23.07	22.75		
1.4	64QAM	3	1	22.90	22.94	22.83		
1.4	64QAM	3	3	22.78	22.92	22.64		
1.4	64QAM	6	0	21.96	22.07	22.06	22.7	3
1.4	256QAM	1	0	19.97	20.04	19.79		
1.4	256QAM	1	3	19.97	19.97	19.69		
1.4	256QAM	1	5	19.91	19.91	19.70	20.7	5
1.4	256QAM	3	0	19.96	20.09	19.94		
1.4	256QAM	3	1	19.89	19.93	20.00		
1.4	256QAM	3	3	19.82	20.09	19.89		
1.4	256QAM	6	0	20.05	20.07	20.02	20.7	5

Band 5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				820	836.5	844		
10	QPSK	1	0	20.25	20.47	20.38		
10	QPSK	1	25	20.34	20.27	20.26	20.7	0
10	QPSK	1	49	20.21	20.23	20.20		
10	QPSK	25	0	20.20	20.34	20.15		
10	QPSK	25	12	20.09	20.14	20.13	20.7	0
10	QPSK	25	25	20.05	20.23	20.06		
10	QPSK	50	0	20.29	20.31	20.22		
10	16QAM	1	0	20.14	20.22	20.21		
10	16QAM	1	25	20.14	20.07	20.13	20.7	0
10	16QAM	1	49	20.02	20.06	20.04		
10	16QAM	25	0	20.17	20.07	20.21		
10	16QAM	25	12	20.14	20.18	20.30	20.7	0
10	16QAM	25	25	20.31	20.18	20.26		
10	16QAM	50	0	20.13	20.37	20.26		
10	64QAM	1	0	20.17	20.20	20.21		
10	64QAM	1	25	20.19	20.20	20.20	20.7	0
10	64QAM	1	49	20.24	20.29	20.24		
10	64QAM	25	0	20.27	20.28	20.22		
10	64QAM	25	12	20.09	20.22	20.19	20.7	0
10	64QAM	25	25	20.21	20.30	20.31		
10	64QAM	50	0	20.23	20.31	20.25		
10	256QAM	1	0	20.15	20.29	20.20		
10	256QAM	1	25	20.06	20.30	20.24	20.7	0
10	256QAM	1	49	20.32	20.18	20.29		
10	256QAM	25	0	20.19	20.28	20.21		
10	256QAM	25	12	20.17	20.20	20.19	20.7	0
10	256QAM	25	25	20.16	20.26	20.34		
10	256QAM	50	0	20.21	20.22	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.22	20.23	20.20		
5	QPSK	1	12	20.27	20.27	20.16	20.7	0
5	QPSK	1	24	20.09	20.16	20.18		
5	QPSK	12	0	20.09	20.16	20.09		
5	QPSK	12	7	20.02	20.14	20.07	20.7	0
5	QPSK	12	13	20.01	20.07	20.01		
5	QPSK	25	0	19.81	20.13	19.93		
5	16QAM	1	0	20.03	20.08	20.10		
5	16QAM	1	12	20.04	19.97	20.06	20.7	0
5	16QAM	1	24	19.90	19.96	20.00		
5	16QAM	12	0	20.15	20.02	20.08		
5	16QAM	12	7	20.09	20.10	20.20	20.7	0
5	16QAM	12	13	20.13	20.02	20.16		
5	16QAM	25	0	19.95	20.27	20.08		
5	64QAM	1	0	20.08	20.04	20.18		
5	64QAM	1	12	20.12	20.02	20.23	20.7	0
5	64QAM	1	24	20.11	20.16	20.09		
5	64QAM	12	0	20.12	20.19	20.01		
5	64QAM	12	7	20.05	20.12	20.08	20.7	0
5	64QAM	12	13	19.97	20.15	20.26		
5	64QAM	25	0	20.04	20.16	20.16		
5	256QAM	1	0	20.02	20.29	20.12		
5	256QAM	1	12	19.96	20.30	20.06	20.7	0
5	256QAM	1	24	20.22	20.13	20.05		
5	256QAM	12	0	20.16	20.24	20.09		
5	256QAM	12	7	19.95	20.15	20.14	20.7	0
5	256QAM	12	13	20.03	20.07	20.22		
5	256QAM	25	0	20.13	20.21	20.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.19	20.27	20.16		
3	QPSK	1	8	20.28	20.21	20.24	20.7	0
3	QPSK	1	14	20.12	20.24	20.12		
3	QPSK	8	0	19.98	20.29	20.01		
3	QPSK	8	4	20.09	20.10	19.96	20.7	0
3	QPSK	8	7	19.97	20.10	20.06		
3	QPSK	15	0	19.88	20.09	19.80		
3	16QAM	1	0	20.02	19.99	20.02		
3	16QAM	1	8	19.97	20.04	20.13	20.7	0
3	16QAM	1	14	19.93	19.99	19.99		
3	16QAM	8	0	20.13	20.09	20.12		
3	16QAM	8	4	20.07	20.03	20.16	20.7	0
3	16QAM	8	7	20.22	20.12	20.05		
3	16QAM	15	0	20.01	20.13	20.11		
3	64QAM	1	0	20.04	20.05	20.17		
3	64QAM	1	8	20.00	20.02	20.11	20.7	0
3	64QAM	1	14	20.07	20.25	20.17		
3	64QAM	8	0	20.17	20.23	20.02		
3	64QAM	8	4	19.99	20.04	20.09	20.7	0
3	64QAM	8	7	19.95	20.24	20.15		
3	64QAM	15	0	20.04	20.10	20.18		
3	256QAM	1	0	20.14	20.22	20.15		
3	256QAM	1	8	20.04	20.35	20.10	20.7	0
3	256QAM	1	14	20.14	20.17	20.10		
3	256QAM	8	0	20.02	20.15	20.20		
3	256QAM	8	4	20.01	20.21	20.09	20.7	0
3	256QAM	8	7	20.03	20.07	20.22		
3	256QAM	15	0	20.04	20.12	20.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.15	20.37	20.13		
1.4	QPSK	1	3	20.15	20.25	20.25		
1.4	QPSK	1	5	20.20	20.23	20.22	20.7	0
1.4	QPSK	3	0	20.04	20.19	20.12		
1.4	QPSK	3	1	20.05	20.10	19.98		
1.4	QPSK	3	3	19.98	20.03	19.94		
1.4	QPSK	6	0	19.87	19.98	19.86	20.7	0
1.4	16QAM	1	0	20.01	20.12	20.18		
1.4	16QAM	1	3	19.93	19.98	20.03		
1.4	16QAM	1	5	20.04	19.91	20.01	20.7	0
1.4	16QAM	3	0	20.13	20.08	20.07		
1.4	16QAM	3	1	20.12	19.99	20.22		
1.4	16QAM	3	3	20.14	20.01	20.09		
1.4	16QAM	6	0	20.02	20.20	20.19	20.7	0
1.4	64QAM	1	0	20.11	20.05	20.14		
1.4	64QAM	1	3	20.04	20.08	20.13		
1.4	64QAM	1	5	20.11	20.15	20.10	20.7	0
1.4	64QAM	3	0	20.07	20.10	20.12		
1.4	64QAM	3	1	20.09	20.13	20.09		
1.4	64QAM	3	3	20.07	20.12	20.28		
1.4	64QAM	6	0	20.14	20.22	20.18	20.7	0
1.4	256QAM	1	0	20.03	20.17	20.05		
1.4	256QAM	1	3	19.97	20.25	20.15		
1.4	256QAM	1	5	20.17	20.08	20.17	20.7	0
1.4	256QAM	3	0	20.08	20.17	20.05		
1.4	256QAM	3	1	19.99	20.12	20.19		
1.4	256QAM	3	3	20.01	20.11	20.13		
1.4	256QAM	6	0	20.08	20.16	20.09	20.7	0

Band 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.12	18.37	18.31	19.5	0
20	QPSK	1	49	18.24	18.21	18.23		
20	QPSK	1	99	18.18	18.16	18.22		
20	QPSK	50	0	18.29	18.31	18.26	19.5	0
20	QPSK	50	24	18.06	18.02	18.10		
20	QPSK	50	50	18.07	18.03	18.03		
20	QPSK	100	0	18.21	18.29	18.05		
20	16QAM	1	0	18.01	18.00	18.11	19.5	0
20	16QAM	1	49	17.98	18.07	18.13		
20	16QAM	1	99	17.96	18.06	17.98		
20	16QAM	50	0	18.14	18.12	18.10	19.5	0
20	16QAM	50	24	18.21	18.13	18.25		
20	16QAM	50	50	18.22	18.11	18.17		
20	16QAM	100	0	18.10	18.26	18.11		
20	64QAM	1	0	18.12	18.15	18.11	19.5	0
20	64QAM	1	49	18.16	18.08	18.12		
20	64QAM	1	99	18.15	18.29	18.15		
20	64QAM	50	0	18.14	18.25	18.02	19.5	0
20	64QAM	50	24	18.08	18.13	17.98		
20	64QAM	50	50	18.08	18.28	18.27		
20	64QAM	100	0	18.12	18.19	18.12		
20	256QAM	1	0	18.06	18.16	18.07	19.5	0
20	256QAM	1	49	18.09	18.35	18.08		
20	256QAM	1	99	18.19	18.18	18.20		
20	256QAM	50	0	18.07	18.16	18.11	19.5	0
20	256QAM	50	24	18.07	18.12	18.13		
20	256QAM	50	50	18.10	18.21	18.18		
20	256QAM	100	0	18.06	18.11	18.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.16	18.19	18.16	19.5	0
15	QPSK	1	37	18.07	18.22	18.08		
15	QPSK	1	74	18.01	18.15	18.02		
15	QPSK	36	0	17.99	18.05	18.03	19.5	0
15	QPSK	36	20	17.91	18.03	17.98		
15	QPSK	36	39	17.89	18.08	17.91		
15	QPSK	75	0	17.85	18.04	17.80		
15	16QAM	1	0	17.83	17.95	18.00	19.5	0
15	16QAM	1	37	17.89	17.86	17.98		
15	16QAM	1	74	17.92	17.84	18.00		
15	16QAM	36	0	18.02	18.03	18.01	19.5	0
15	16QAM	36	20	18.02	18.01	18.07		
15	16QAM	36	39	18.14	17.93	18.10		
15	16QAM	75	0	17.88	18.19	18.14		
15	64QAM	1	0	18.05	17.98	18.00	19.5	0
15	64QAM	1	37	18.02	17.94	18.01		
15	64QAM	1	74	18.08	18.13	18.00		
15	64QAM	36	0	18.03	18.01	17.97	19.5	0
15	64QAM	36	20	18.04	17.99	17.94		
15	64QAM	36	39	17.95	18.16	18.11		
15	64QAM	75	0	17.96	18.12	18.16		
15	256QAM	1	0	17.96	18.14	17.96	19.5	0
15	256QAM	1	37	17.85	18.26	18.00		
15	256QAM	1	74	18.10	18.08	18.00		
15	256QAM	36	0	17.98	18.07	18.02	19.5	0
15	256QAM	36	20	17.94	18.13	18.12		
15	256QAM	36	39	17.91	18.03	18.01		
15	256QAM	75	0	17.99	17.98	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.03	18.20	18.16	19.5	0
10	QPSK	1	25	18.15	18.09	18.15		
10	QPSK	1	49	18.05	18.15	18.03		
10	QPSK	25	0	17.89	18.18	18.05	19.5	0
10	QPSK	25	12	17.97	18.02	17.96		
10	QPSK	25	25	17.91	18.04	17.90		
10	QPSK	50	0	17.85	17.91	17.82		
10	16QAM	1	0	17.96	17.99	18.02	19.5	0
10	16QAM	1	25	17.86	17.85	17.95		
10	16QAM	1	49	17.95	17.97	17.91		
10	16QAM	25	0	17.96	17.90	18.00	19.5	0
10	16QAM	25	12	18.07	17.93	18.02		
10	16QAM	25	25	18.05	17.99	17.97		
10	16QAM	50	0	17.99	18.05	18.01		
10	64QAM	1	0	18.01	17.97	18.02	19.5	0
10	64QAM	1	25	17.92	18.01	18.10		
10	64QAM	1	49	18.05	18.11	18.08		
10	64QAM	25	0	18.00	18.13	17.96	19.5	0
10	64QAM	25	12	18.00	18.02	17.88		
10	64QAM	25	25	17.96	18.04	18.18		
10	64QAM	50	0	18.08	18.10	18.02		
10	256QAM	1	0	18.06	18.17	17.96	19.5	0
10	256QAM	1	25	17.87	18.18	18.01		
10	256QAM	1	49	18.05	18.08	18.08		
10	256QAM	25	0	17.94	18.19	17.99	19.5	0
10	256QAM	25	12	18.00	18.06	18.09		
10	256QAM	25	25	18.04	18.07	18.01		
10	256QAM	50	0	17.98	18.13	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.12	18.27	18.11	19.5	0
5	QPSK	1	12	18.14	18.11	18.16		
5	QPSK	1	24	18.07	18.05	18.04		
5	QPSK	12	0	17.87	18.20	17.97	19.5	0
5	QPSK	12	7	18.02	17.93	17.94		
5	QPSK	12	13	17.89	18.04	17.96		
5	QPSK	25	0	17.80	17.96	17.72		
5	16QAM	1	0	17.97	17.90	18.04	19.5	0
5	16QAM	1	12	17.87	17.94	17.93		
5	16QAM	1	24	17.90	17.87	17.92		
5	16QAM	12	0	17.97	17.99	17.93	19.5	0
5	16QAM	12	7	18.10	17.91	18.17		
5	16QAM	12	13	18.13	18.02	18.01		
5	16QAM	25	0	17.98	18.07	18.00		
5	64QAM	1	0	17.93	18.06	18.07	19.5	0
5	64QAM	1	12	18.04	18.05	18.09		
5	64QAM	1	24	18.04	18.18	18.00		
5	64QAM	12	0	18.09	18.15	17.99	19.5	0
5	64QAM	12	7	17.91	17.95	17.93		
5	64QAM	12	13	17.87	18.14	18.20		
5	64QAM	25	0	18.05	18.05	18.12		
5	256QAM	1	0	17.95	18.10	17.99	19.5	0
5	256QAM	1	12	17.97	18.12	18.06		
5	256QAM	1	24	18.12	18.04	18.00		
5	256QAM	12	0	17.94	18.07	18.12	19.5	0
5	256QAM	12	7	17.84	18.00	18.07		
5	256QAM	12	13	18.01	18.01	18.09		
5	256QAM	25	0	17.92	18.08	17.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.18	18.17	19.5	0
3	QPSK	1	8	18.09	18.10	18.13		
3	QPSK	1	14	18.04	18.07	18.11		
3	QPSK	8	0	18.00	18.13	18.07	19.5	0
3	QPSK	8	4	18.06	18.02	17.99		
3	QPSK	8	7	17.98	17.95	17.86		
3	QPSK	15	0	17.87	17.92	17.81		
3	16QAM	1	0	17.92	18.05	18.04	19.5	0
3	16QAM	1	8	17.90	17.89	17.97		
3	16QAM	1	14	17.89	17.96	17.97		
3	16QAM	8	0	17.99	17.93	17.97	19.5	0
3	16QAM	8	4	18.05	17.97	18.08		
3	16QAM	8	7	18.00	18.05	18.08		
3	16QAM	15	0	17.88	18.08	17.98		
3	64QAM	1	0	17.92	18.01	18.03	19.5	0
3	64QAM	1	8	17.97	17.96	18.12		
3	64QAM	1	14	18.05	18.15	18.09		
3	64QAM	8	0	18.01	18.15	17.93	19.5	0
3	64QAM	8	4	17.94	18.05	17.89		
3	64QAM	8	7	18.02	18.05	18.07		
3	64QAM	15	0	18.06	18.03	18.01		
3	256QAM	1	0	17.93	18.20	18.00	19.5	0
3	256QAM	1	8	17.94	18.19	17.99		
3	256QAM	1	14	18.01	17.99	18.10		
3	256QAM	8	0	18.07	18.06	18.11	19.5	0
3	256QAM	8	4	17.94	18.04	18.09		
3	256QAM	8	7	17.91	18.10	18.12		
3	256QAM	15	0	18.06	18.00	17.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.02	18.30	18.11	19.5	0
1.4	QPSK	1	3	18.12	18.20	18.13		
1.4	QPSK	1	5	18.15	18.09	18.03		
1.4	QPSK	3	0	18.00	18.13	17.98		
1.4	QPSK	3	1	17.95	18.04	17.93		
1.4	QPSK	3	3	17.97	18.01	17.85		
1.4	QPSK	6	0	17.81	18.02	17.79	19.5	0
1.4	16QAM	1	0	17.98	17.92	18.03	19.5	0
1.4	16QAM	1	3	17.98	17.89	17.96		
1.4	16QAM	1	5	17.90	17.95	17.96		
1.4	16QAM	3	0	18.02	17.92	17.97		
1.4	16QAM	3	1	17.99	17.93	18.14		
1.4	16QAM	3	3	18.09	18.04	18.04		
1.4	16QAM	6	0	18.02	18.15	18.13	19.5	0
1.4	64QAM	1	0	18.08	18.01	18.13	19.5	0
1.4	64QAM	1	3	17.90	17.97	18.10		
1.4	64QAM	1	5	18.08	18.12	18.03		
1.4	64QAM	3	0	18.04	18.09	17.95		
1.4	64QAM	3	1	17.95	18.08	18.01		
1.4	64QAM	3	3	18.02	18.11	18.08		
1.4	64QAM	6	0	17.96	18.09	18.12	19.5	0
1.4	256QAM	1	0	18.01	18.11	17.96	19.5	0
1.4	256QAM	1	3	17.96	18.24	18.05		
1.4	256QAM	1	5	18.15	18.08	17.97		
1.4	256QAM	3	0	18.02	18.19	18.02		
1.4	256QAM	3	1	17.96	18.06	18.03		
1.4	256QAM	3	3	18.00	18.08	18.15		
1.4	256QAM	6	0	17.96	18.01	18.00	19.5	0

Band 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.35	18.26	19.2	0
20	QPSK	1	49	18.31	18.19	18.20		
20	QPSK	1	99	18.15	18.26	18.10		
20	QPSK	50	0	18.04	18.27	18.05	19.2	0
20	QPSK	50	24	18.13	18.17	18.04		
20	QPSK	50	50	17.98	18.10	17.95		
20	QPSK	100	0	18.03	18.19	18.06		
20	16QAM	1	0	18.01	18.07	18.11	19.2	0
20	16QAM	1	49	17.99	18.01	18.04		
20	16QAM	1	99	18.05	18.01	18.05		
20	16QAM	50	0	18.05	18.02	18.04	19.2	0
20	16QAM	50	24	18.11	18.15	18.19		
20	16QAM	50	50	18.18	18.03	18.10		
20	16QAM	100	0	17.99	18.30	18.24		
20	64QAM	1	0	18.05	18.13	18.25	19.2	0
20	64QAM	1	49	18.11	18.03	18.18		
20	64QAM	1	99	18.16	18.32	18.10		
20	64QAM	50	0	18.15	18.15	18.11	19.2	0
20	64QAM	50	24	18.05	18.05	17.98		
20	64QAM	50	50	18.04	18.20	18.25		
20	64QAM	100	0	18.13	18.11	18.20		
20	256QAM	1	0	18.03	18.17	18.09	19.2	0
20	256QAM	1	49	17.95	18.28	18.16		
20	256QAM	1	99	18.19	18.14	18.09		
20	256QAM	50	0	18.10	18.17	18.09	19.2	0
20	256QAM	50	24	18.02	18.22	18.18		
20	256QAM	50	50	18.01	18.07	18.24		
20	256QAM	100	0	18.01	18.12	18.23		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.03	18.30	18.10	19.2	0
15	QPSK	1	37	18.15	18.18	18.20		
15	QPSK	1	74	18.10	18.09	18.02		
15	QPSK	36	0	17.95	18.13	18.08	19.2	0
15	QPSK	36	20	17.97	17.93	17.88		
15	QPSK	36	39	17.99	17.98	17.84		
15	QPSK	75	0	17.75	17.98	17.81		
15	16QAM	1	0	17.96	17.93	18.01	19.2	0
15	16QAM	1	37	17.93	17.99	17.99		
15	16QAM	1	74	17.86	17.96	17.87		
15	16QAM	36	0	18.06	18.00	18.01	19.2	0
15	16QAM	36	20	18.10	18.01	18.06		
15	16QAM	36	39	18.00	17.92	18.13		
15	16QAM	75	0	17.99	18.16	18.06		
15	64QAM	1	0	17.96	17.98	18.15	19.2	0
15	64QAM	1	37	17.95	17.92	18.10		
15	64QAM	1	74	18.01	18.09	18.03		
15	64QAM	36	0	17.98	18.16	17.96	19.2	0
15	64QAM	36	20	18.03	18.05	18.00		
15	64QAM	36	39	17.91	18.09	18.16		
15	64QAM	75	0	17.97	18.11	18.08		
15	256QAM	1	0	18.05	18.12	18.04	19.2	0
15	256QAM	1	37	17.94	18.22	18.03		
15	256QAM	1	74	18.15	18.10	18.02		
15	256QAM	36	0	17.99	18.14	17.98	19.2	0
15	256QAM	36	20	17.88	18.00	18.11		
15	256QAM	36	39	17.95	18.12	18.10		
15	256QAM	75	0	17.97	18.04	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.05	18.25	18.06	19.2	0
10	QPSK	1	25	18.17	18.18	18.09		
10	QPSK	1	49	18.06	18.10	18.02		
10	QPSK	25	0	17.90	18.13	17.97	19.2	0
10	QPSK	25	12	17.94	18.03	17.98		
10	QPSK	25	25	17.88	18.08	17.99		
10	QPSK	50	0	17.87	17.91	17.71		
10	16QAM	1	0	17.91	17.94	18.10	19.2	0
10	16QAM	1	25	18.01	17.97	18.04		
10	16QAM	1	49	17.94	17.85	17.96		
10	16QAM	25	0	18.10	18.03	17.92	19.2	0
10	16QAM	25	12	18.00	17.96	18.02		
10	16QAM	25	25	18.04	18.08	17.98		
10	16QAM	50	0	17.89	18.10	17.99		
10	64QAM	1	0	17.99	17.96	18.05	19.2	0
10	64QAM	1	25	17.97	17.96	18.11		
10	64QAM	1	49	17.95	18.14	18.11		
10	64QAM	25	0	17.97	18.06	18.05	19.2	0
10	64QAM	25	12	17.96	18.03	17.92		
10	64QAM	25	25	17.89	18.09	18.06		
10	64QAM	50	0	18.10	18.14	18.13		
10	256QAM	1	0	18.05	18.16	18.07	19.2	0
10	256QAM	1	25	17.90	18.15	18.02		
10	256QAM	1	49	18.04	18.07	18.09		
10	256QAM	25	0	17.96	18.07	18.05	19.2	0
10	256QAM	25	12	17.95	18.11	18.13		
10	256QAM	25	25	18.03	18.02	18.02		
10	256QAM	50	0	17.96	18.09	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.15	18.17	18.07	19.2	0
5	QPSK	1	12	18.12	18.09	18.09		
5	QPSK	1	24	18.15	18.14	17.99		
5	QPSK	12	0	17.97	18.16	17.98	19.2	0
5	QPSK	12	7	17.91	18.07	17.92		
5	QPSK	12	13	17.95	18.00	17.84		
5	QPSK	25	0	17.76	17.90	17.75		
5	16QAM	1	0	17.90	17.91	18.05	19.2	0
5	16QAM	1	12	17.94	17.96	18.03		
5	16QAM	1	24	17.93	17.95	17.94		
5	16QAM	12	0	18.06	17.91	17.91	19.2	0
5	16QAM	12	7	18.06	17.99	18.11		
5	16QAM	12	13	18.12	17.98	17.99		
5	16QAM	25	0	17.98	18.18	18.01		
5	64QAM	1	0	18.00	17.92	18.04	19.2	0
5	64QAM	1	12	17.93	18.00	18.05		
5	64QAM	1	24	17.96	18.21	18.07		
5	64QAM	12	0	18.11	18.14	17.99	19.2	0
5	64QAM	12	7	18.04	18.05	17.97		
5	64QAM	12	13	17.97	18.05	18.14		
5	64QAM	25	0	18.01	18.06	18.02		
5	256QAM	1	0	17.96	18.13	18.00	19.2	0
5	256QAM	1	12	17.96	18.16	17.96		
5	256QAM	1	24	18.05	18.00	18.06		
5	256QAM	12	0	17.98	18.19	18.08	19.2	0
5	256QAM	12	7	17.85	18.00	18.13		
5	256QAM	12	13	17.93	18.08	18.04		
5	256QAM	25	0	17.97	18.02	18.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.15	18.18	18.15	19.2	0
3	QPSK	1	8	18.14	18.17	18.09		
3	QPSK	1	14	18.01	18.18	18.04		
3	QPSK	8	0	17.88	18.14	18.08	19.2	0
3	QPSK	8	4	18.05	18.05	17.93		
3	QPSK	8	7	17.87	17.94	17.97		
3	QPSK	15	0	17.78	18.01	17.86		
3	16QAM	1	0	17.87	17.91	18.02	19.2	0
3	16QAM	1	8	17.97	17.85	18.04		
3	16QAM	1	14	17.82	17.84	17.97		
3	16QAM	8	0	18.09	17.92	17.95	19.2	0
3	16QAM	8	4	18.06	17.91	18.12		
3	16QAM	8	7	18.04	17.92	17.99		
3	16QAM	15	0	17.91	18.16	18.05		
3	64QAM	1	0	17.92	17.96	18.08	19.2	0
3	64QAM	1	8	17.96	17.93	18.14		
3	64QAM	1	14	18.03	18.13	17.99		
3	64QAM	8	0	18.03	18.07	18.07	19.2	0
3	64QAM	8	4	17.94	18.11	18.04		
3	64QAM	8	7	17.92	18.06	18.20		
3	64QAM	15	0	18.04	18.08	18.11		
3	256QAM	1	0	18.03	18.11	17.97	19.2	0
3	256QAM	1	8	17.88	18.24	17.97		
3	256QAM	1	14	18.02	18.11	17.98		
3	256QAM	8	0	18.06	18.17	18.10	19.2	0
3	256QAM	8	4	17.94	18.09	18.07		
3	256QAM	8	7	17.92	17.99	18.12		
3	256QAM	15	0	18.01	18.13	17.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.17	18.23	18.11	19.2	0
1.4	QPSK	1	3	18.18	18.21	18.06		
1.4	QPSK	1	5	18.04	18.04	18.09		
1.4	QPSK	3	0	17.94	18.12	18.05		
1.4	QPSK	3	1	17.91	18.04	17.89		
1.4	QPSK	3	3	17.92	17.93	17.88		
1.4	QPSK	6	0	17.73	17.89	17.81	19.2	0
1.4	16QAM	1	0	17.97	18.00	18.07	19.2	0
1.4	16QAM	1	3	17.89	17.83	18.03		
1.4	16QAM	1	5	17.84	17.89	17.85		
1.4	16QAM	3	0	17.94	17.98	17.93		
1.4	16QAM	3	1	18.08	18.07	18.14		
1.4	16QAM	3	3	18.12	18.06	18.12		
1.4	16QAM	6	0	17.86	18.13	18.13	19.2	0
1.4	64QAM	1	0	17.95	17.98	18.12	19.2	0
1.4	64QAM	1	3	18.02	18.01	18.05		
1.4	64QAM	1	5	18.02	18.19	18.04		
1.4	64QAM	3	0	18.08	18.01	17.97		
1.4	64QAM	3	1	18.03	18.03	18.00		
1.4	64QAM	3	3	18.01	18.06	18.18		
1.4	64QAM	6	0	18.05	18.07	18.06	19.2	0
1.4	256QAM	1	0	17.94	18.16	17.93	19.2	0
1.4	256QAM	1	3	17.91	18.23	18.05		
1.4	256QAM	1	5	18.11	18.06	18.00		
1.4	256QAM	3	0	18.04	18.12	17.99		
1.4	256QAM	3	1	17.87	17.99	18.06		
1.4	256QAM	3	3	18.03	18.04	18.02		
1.4	256QAM	6	0	17.92	18.02	17.99	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.44	18.47	18.33	19.2	0
20	QPSK	1	49	18.29	18.38	18.38		
20	QPSK	1	99	18.31	18.27	18.18		
20	QPSK	50	0	18.36	18.43	18.41	19.2	0
20	QPSK	50	24	18.18	18.14	18.11		
20	QPSK	50	50	18.05	18.15	18.17		
20	QPSK	100	0	18.05	18.37	18.03		
20	16QAM	1	0	18.05	18.13	18.27	19.2	0
20	16QAM	1	49	18.07	18.10	18.10		
20	16QAM	1	99	18.05	18.13	18.10		
20	16QAM	50	0	18.11	18.08	18.12	19.2	0
20	16QAM	50	24	18.16	18.17	18.31		
20	16QAM	50	50	18.24	18.22	18.19		
20	16QAM	100	0	18.05	18.29	18.18		
20	64QAM	1	0	18.22	18.12	18.21	19.2	0
20	64QAM	1	49	18.09	18.12	18.20		
20	64QAM	1	99	18.15	18.32	18.30		
20	64QAM	50	0	18.15	18.19	18.23	19.2	0
20	64QAM	50	24	18.12	18.15	18.17		
20	64QAM	50	50	18.12	18.36	18.38		
20	64QAM	100	0	18.16	18.28	18.20		
20	256QAM	1	0	18.12	18.38	18.16	19.2	0
20	256QAM	1	49	18.12	18.34	18.13		
20	256QAM	1	99	18.19	18.29	18.23		
20	256QAM	50	0	18.11	18.28	18.23	19.2	0
20	256QAM	50	24	18.08	18.22	18.25		
20	256QAM	50	50	18.22	18.21	18.23		
20	256QAM	100	0	18.14	18.25	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.22	18.28	18.20	19.2	0
15	QPSK	1	37	18.15	18.17	18.18		
15	QPSK	1	74	18.08	18.12	18.09		
15	QPSK	36	0	18.05	18.12	18.14	19.2	0
15	QPSK	36	20	18.03	18.06	18.00		
15	QPSK	36	39	18.10	18.10	18.03		
15	QPSK	75	0	17.92	18.07	17.82		
15	16QAM	1	0	18.00	18.09	18.01	19.2	0
15	16QAM	1	37	17.99	17.97	17.98		
15	16QAM	1	74	17.99	18.02	18.04		
15	16QAM	36	0	18.06	18.07	18.08	19.2	0
15	16QAM	36	20	18.12	18.12	18.22		
15	16QAM	36	39	18.10	18.04	18.16		
15	16QAM	75	0	18.02	18.13	18.17		
15	64QAM	1	0	18.11	18.01	18.13	19.2	0
15	64QAM	1	37	17.99	18.10	18.17		
15	64QAM	1	74	18.05	18.24	18.16		
15	64QAM	36	0	18.13	18.09	18.10	19.2	0
15	64QAM	36	20	18.05	18.09	17.99		
15	64QAM	36	39	18.01	18.11	18.18		
15	64QAM	75	0	18.16	18.15	18.09		
15	256QAM	1	0	18.10	18.13	18.11	19.2	0
15	256QAM	1	37	17.97	18.32	18.02		
15	256QAM	1	74	18.16	18.08	18.16		
15	256QAM	36	0	18.11	18.18	18.08	19.2	0
15	256QAM	36	20	17.99	18.14	18.05		
15	256QAM	36	39	18.09	18.04	18.13		
15	256QAM	75	0	18.00	18.13	18.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.12	18.34	18.19	19.2	0
10	QPSK	1	25	18.26	18.27	18.16		
10	QPSK	1	49	18.15	18.25	18.15		
10	QPSK	25	0	18.02	18.13	18.02	19.2	0
10	QPSK	25	12	18.03	18.04	18.01		
10	QPSK	25	25	17.99	18.14	17.98		
10	QPSK	50	0	17.94	18.10	17.87		
10	16QAM	1	0	17.90	18.01	18.10	19.2	0
10	16QAM	1	25	17.97	17.95	18.02		
10	16QAM	1	49	17.95	17.90	17.95		
10	16QAM	25	0	18.03	17.97	18.11	19.2	0
10	16QAM	25	12	18.04	18.06	18.09		
10	16QAM	25	25	18.15	18.12	18.08		
10	16QAM	50	0	17.98	18.25	18.09		
10	64QAM	1	0	18.13	18.04	18.12	19.2	0
10	64QAM	1	25	18.01	18.12	18.18		
10	64QAM	1	49	18.11	18.14	18.08		
10	64QAM	25	0	18.14	18.21	18.01	19.2	0
10	64QAM	25	12	17.99	18.10	18.04		
10	64QAM	25	25	17.95	18.21	18.15		
10	64QAM	50	0	18.03	18.11	18.24		
10	256QAM	1	0	18.15	18.26	18.01	19.2	0
10	256QAM	1	25	17.98	18.19	18.06		
10	256QAM	1	49	18.22	18.19	18.06		
10	256QAM	25	0	18.02	18.25	18.15	19.2	0
10	256QAM	25	12	17.98	18.19	18.19		
10	256QAM	25	25	18.09	18.09	18.08		
10	256QAM	50	0	18.08	18.13	18.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.22	18.29	18.14	19.2	0
5	QPSK	1	12	18.19	18.20	18.24		
5	QPSK	1	24	18.20	18.16	18.10		
5	QPSK	12	0	18.08	18.24	18.02	19.2	0
5	QPSK	12	7	18.09	18.04	18.09		
5	QPSK	12	13	17.97	18.15	18.02		
5	QPSK	25	0	17.84	18.10	17.79		
5	16QAM	1	0	18.01	18.02	18.10	19.2	0
5	16QAM	1	12	18.05	17.91	18.03		
5	16QAM	1	24	17.99	17.92	17.94		
5	16QAM	12	0	18.05	18.06	18.05	19.2	0
5	16QAM	12	7	18.11	18.08	18.10		
5	16QAM	12	13	18.21	18.09	18.06		
5	16QAM	25	0	18.06	18.18	18.08		
5	64QAM	1	0	18.05	18.00	18.11	19.2	0
5	64QAM	1	12	18.01	18.01	18.19		
5	64QAM	1	24	18.12	18.17	18.14		
5	64QAM	12	0	18.19	18.22	18.07	19.2	0
5	64QAM	12	7	18.03	18.05	18.08		
5	64QAM	12	13	18.06	18.11	18.21		
5	64QAM	25	0	18.10	18.20	18.18		
5	256QAM	1	0	18.09	18.26	18.00	19.2	0
5	256QAM	1	12	17.92	18.31	18.13		
5	256QAM	1	24	18.08	18.18	18.15		
5	256QAM	12	0	18.08	18.23	18.11	19.2	0
5	256QAM	12	7	17.93	18.11	18.07		
5	256QAM	12	13	18.02	18.11	18.19		
5	256QAM	25	0	18.10	18.12	18.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.11	18.25	18.17	19.2	0
3	QPSK	1	8	18.22	18.25	18.25		
3	QPSK	1	14	18.14	18.22	18.17		
3	QPSK	8	0	17.99	18.15	18.09	19.2	0
3	QPSK	8	4	18.07	18.14	17.99		
3	QPSK	8	7	18.03	18.05	18.05		
3	QPSK	15	0	17.91	18.10	17.83		
3	16QAM	1	0	18.05	18.07	18.03	19.2	0
3	16QAM	1	8	18.04	17.90	18.06		
3	16QAM	1	14	17.91	18.04	17.96		
3	16QAM	8	0	18.07	17.97	18.08	19.2	0
3	16QAM	8	4	18.15	18.03	18.11		
3	16QAM	8	7	18.12	18.06	18.14		
3	16QAM	15	0	18.00	18.21	18.18		
3	64QAM	1	0	18.03	18.12	18.12	19.2	0
3	64QAM	1	8	18.10	18.02	18.19		
3	64QAM	1	14	18.08	18.14	18.09		
3	64QAM	8	0	18.06	18.13	18.10	19.2	0
3	64QAM	8	4	18.01	18.16	18.08		
3	64QAM	8	7	18.06	18.21	18.14		
3	64QAM	15	0	18.10	18.08	18.16		
3	256QAM	1	0	18.03	18.26	18.04	19.2	0
3	256QAM	1	8	17.95	18.28	18.05		
3	256QAM	1	14	18.22	18.12	18.05		
3	256QAM	8	0	18.06	18.20	18.09	19.2	0
3	256QAM	8	4	18.00	18.20	18.14		
3	256QAM	8	7	18.05	18.05	18.10		
3	256QAM	15	0	18.10	18.06	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.15	18.23	18.24	19.2	0
1.4	QPSK	1	3	18.18	18.25	18.20		
1.4	QPSK	1	5	18.19	18.13	18.12		
1.4	QPSK	3	0	18.00	18.12	18.05		
1.4	QPSK	3	1	18.05	18.10	17.98		
1.4	QPSK	3	3	18.07	18.14	18.01		
1.4	QPSK	6	0	17.80	18.08	17.82	19.2	0
1.4	16QAM	1	0	17.98	18.10	18.11	19.2	0
1.4	16QAM	1	3	18.04	17.99	17.98		
1.4	16QAM	1	5	18.02	18.03	18.02		
1.4	16QAM	3	0	18.02	17.96	17.98		
1.4	16QAM	3	1	18.13	17.99	18.16		
1.4	16QAM	3	3	18.09	18.15	18.18		
1.4	16QAM	6	0	17.99	18.25	18.16	19.2	0
1.4	64QAM	1	0	18.14	18.06	18.09	19.2	0
1.4	64QAM	1	3	18.04	18.06	18.17		
1.4	64QAM	1	5	18.07	18.14	18.19		
1.4	64QAM	3	0	18.15	18.18	18.02		
1.4	64QAM	3	1	17.97	18.13	18.07		
1.4	64QAM	3	3	18.01	18.17	18.14		
1.4	64QAM	6	0	18.03	18.19	18.19	19.2	0
1.4	256QAM	1	0	18.14	18.19	18.03	19.2	0
1.4	256QAM	1	3	18.03	18.28	18.05		
1.4	256QAM	1	5	18.22	18.07	18.15		
1.4	256QAM	3	0	18.11	18.16	18.04		
1.4	256QAM	3	1	17.95	18.07	18.13		
1.4	256QAM	3	3	18.00	18.14	18.14		
1.4	256QAM	6	0	18.01	18.14	18.15	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.23	16.33	16.28	17.7	0
20	QPSK	1	49	16.30	16.24	16.24		
20	QPSK	1	99	16.17	16.25	16.12		
20	QPSK	50	0	16.16	16.28	16.24	17.7	0
20	QPSK	50	24	16.14	16.09	16.12		
20	QPSK	50	50	15.98	16.14	16.05		
20	QPSK	100	0	15.84	16.22	15.97		
20	16QAM	1	0	15.99	16.14	16.19	17.7	0
20	16QAM	1	49	16.07	15.94	16.04		
20	16QAM	1	99	15.98	15.97	16.07		
20	16QAM	50	0	16.04	16.06	16.08	17.7	0
20	16QAM	50	24	16.20	16.03	16.18		
20	16QAM	50	50	16.17	16.18	16.17		
20	16QAM	100	0	16.11	16.17	16.13		
20	64QAM	1	0	16.13	16.09	16.25	17.7	0
20	64QAM	1	49	16.03	16.03	16.13		
20	64QAM	1	99	16.07	16.28	16.20		
20	64QAM	50	0	16.14	16.23	16.03	17.7	0
20	64QAM	50	24	16.03	16.17	16.00		
20	64QAM	50	50	16.12	16.14	16.25		
20	64QAM	100	0	16.10	16.10	16.12		
20	256QAM	1	0	16.06	16.25	16.07	17.7	0
20	256QAM	1	49	16.02	16.30	16.09		
20	256QAM	1	99	16.14	16.16	16.20		
20	256QAM	50	0	16.16	16.23	16.15	17.7	0
20	256QAM	50	24	16.09	16.17	16.09		
20	256QAM	50	50	16.12	16.21	16.13		
20	256QAM	100	0	16.14	16.16	16.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.12	16.16	16.08	17.7	0
15	QPSK	1	37	16.10	16.11	16.18		
15	QPSK	1	74	16.10	16.13	16.11		
15	QPSK	36	0	16.02	16.10	16.04	17.7	0
15	QPSK	36	20	15.96	16.05	15.95		
15	QPSK	36	39	15.95	15.98	15.86		
15	QPSK	75	0	15.84	15.92	15.73		
15	16QAM	1	0	15.85	15.90	16.07	17.7	0
15	16QAM	1	37	15.88	15.87	15.95		
15	16QAM	1	74	15.96	15.85	15.93		
15	16QAM	36	0	15.96	15.99	16.04	17.7	0
15	16QAM	36	20	16.10	16.01	16.09		
15	16QAM	36	39	16.12	16.02	16.11		
15	16QAM	75	0	15.90	16.10	16.07		
15	64QAM	1	0	15.97	15.94	16.12	17.7	0
15	64QAM	1	37	15.96	16.04	16.13		
15	64QAM	1	74	16.06	16.13	15.97		
15	64QAM	36	0	16.02	16.06	16.05	17.7	0
15	64QAM	36	20	15.92	16.05	15.94		
15	64QAM	36	39	16.02	16.10	16.12		
15	64QAM	75	0	16.05	16.10	16.13		
15	256QAM	1	0	15.97	16.18	16.00	17.7	0
15	256QAM	1	37	15.88	16.21	15.99		
15	256QAM	1	74	16.01	16.05	16.04		
15	256QAM	36	0	16.06	16.16	15.99	17.7	0
15	256QAM	36	20	15.96	16.00	16.04		
15	256QAM	36	39	16.00	16.08	16.04		
15	256QAM	75	0	15.92	16.13	16.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.09	16.29	16.18	17.7	0
10	QPSK	1	25	16.11	16.20	16.19		
10	QPSK	1	49	16.11	16.07	16.12		
10	QPSK	25	0	15.89	16.17	16.08	17.7	0
10	QPSK	25	12	15.93	16.03	15.96		
10	QPSK	25	25	15.98	15.99	15.85		
10	QPSK	50	0	15.84	15.99	15.73		
10	16QAM	1	0	15.96	16.04	16.01	17.7	0
10	16QAM	1	25	15.94	15.93	15.92		
10	16QAM	1	49	15.90	15.85	15.92		
10	16QAM	25	0	16.10	15.93	16.04	17.7	0
10	16QAM	25	12	16.07	15.93	16.10		
10	16QAM	25	25	16.03	16.07	16.09		
10	16QAM	50	0	16.00	16.19	16.12		
10	64QAM	1	0	16.03	16.03	16.03	17.7	0
10	64QAM	1	25	15.99	15.96	16.09		
10	64QAM	1	49	15.99	16.08	16.02		
10	64QAM	25	0	16.06	16.11	16.02	17.7	0
10	64QAM	25	12	15.94	16.08	15.94		
10	64QAM	25	25	15.97	16.05	16.14		
10	64QAM	50	0	16.06	16.03	16.06		
10	256QAM	1	0	16.06	16.07	15.93	17.7	0
10	256QAM	1	25	15.91	16.14	16.04		
10	256QAM	1	49	16.07	16.00	16.07		
10	256QAM	25	0	15.96	16.08	15.99	17.7	0
10	256QAM	25	12	15.93	16.09	16.08		
10	256QAM	25	25	16.00	15.98	16.09		
10	256QAM	50	0	15.95	16.11	16.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.03	16.25	16.08	17.7	0
5	QPSK	1	12	16.21	16.21	16.12		
5	QPSK	1	24	16.10	16.18	16.06		
5	QPSK	12	0	15.98	16.10	16.05	17.7	0
5	QPSK	12	7	15.92	16.08	15.99		
5	QPSK	12	13	15.91	16.02	15.93		
5	QPSK	25	0	15.76	16.02	15.84		
5	16QAM	1	0	15.91	16.00	15.98	17.7	0
5	16QAM	1	12	15.88	15.91	16.00		
5	16QAM	1	24	15.90	15.88	15.86		
5	16QAM	12	0	15.99	15.89	15.91	17.7	0
5	16QAM	12	7	16.03	16.01	16.15		
5	16QAM	12	13	16.08	16.08	16.02		
5	16QAM	25	0	15.98	16.11	16.13		
5	64QAM	1	0	15.93	15.94	16.06	17.7	0
5	64QAM	1	12	15.92	16.00	16.10		
5	64QAM	1	24	16.03	16.08	16.04		
5	64QAM	12	0	16.02	16.10	16.02	17.7	0
5	64QAM	12	7	15.95	16.03	15.88		
5	64QAM	12	13	15.94	16.14	16.06		
5	64QAM	25	0	16.06	16.06	16.10		
5	256QAM	1	0	16.05	16.11	16.09	17.7	0
5	256QAM	1	12	15.98	16.18	16.00		
5	256QAM	1	24	16.13	16.08	15.96		
5	256QAM	12	0	16.05	16.18	16.08	17.7	0
5	256QAM	12	7	15.98	16.00	16.06		
5	256QAM	12	13	15.95	15.97	16.15		
5	256QAM	25	0	15.95	16.03	16.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.04	16.27	16.18	17.7	0
3	QPSK	1	8	16.11	16.12	16.21		
3	QPSK	1	14	16.13	16.13	16.08		
3	QPSK	8	0	15.92	16.19	16.01	17.7	0
3	QPSK	8	4	16.03	16.06	15.93		
3	QPSK	8	7	15.92	16.05	15.99		
3	QPSK	15	0	15.78	15.90	15.78		
3	16QAM	1	0	15.84	15.95	16.05	17.7	0
3	16QAM	1	8	15.89	15.95	16.02		
3	16QAM	1	14	15.97	15.90	15.98		
3	16QAM	8	0	16.08	16.00	15.96	17.7	0
3	16QAM	8	4	15.98	16.03	16.17		
3	16QAM	8	7	15.99	16.04	16.08		
3	16QAM	15	0	15.88	16.19	16.11		
3	64QAM	1	0	16.04	16.00	16.14	17.7	0
3	64QAM	1	8	15.94	16.03	16.13		
3	64QAM	1	14	15.94	16.07	16.10		
3	64QAM	8	0	16.12	16.14	16.00	17.7	0
3	64QAM	8	4	16.03	15.98	15.89		
3	64QAM	8	7	15.88	16.16	16.14		
3	64QAM	15	0	15.97	16.00	16.03		
3	256QAM	1	0	16.04	16.15	16.02	17.7	0
3	256QAM	1	8	15.87	16.25	16.02		
3	256QAM	1	14	16.13	16.06	15.99		
3	256QAM	8	0	16.06	16.19	16.00	17.7	0
3	256QAM	8	4	15.99	16.05	16.13		
3	256QAM	8	7	16.01	15.97	16.14		
3	256QAM	15	0	15.94	15.98	16.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.06	16.23	16.17	17.7	0
1.4	QPSK	1	3	16.21	16.09	16.10		
1.4	QPSK	1	5	16.04	16.18	16.01		
1.4	QPSK	3	0	16.03	16.13	16.03		
1.4	QPSK	3	1	15.97	15.95	15.98		
1.4	QPSK	3	3	16.00	16.04	15.98		
1.4	QPSK	6	0	15.79	15.94	15.82	17.7	0
1.4	16QAM	1	0	15.84	15.97	16.01	17.7	0
1.4	16QAM	1	3	15.91	15.96	15.92		
1.4	16QAM	1	5	15.90	15.81	16.00		
1.4	16QAM	3	0	15.97	15.97	15.92		
1.4	16QAM	3	1	16.12	16.04	16.13		
1.4	16QAM	3	3	16.02	16.06	16.01		
1.4	16QAM	6	0	15.94	16.04	16.09	17.7	0
1.4	64QAM	1	0	16.08	16.06	16.01	17.7	0
1.4	64QAM	1	3	15.92	16.04	16.15		
1.4	64QAM	1	5	16.01	16.21	16.08		
1.4	64QAM	3	0	16.11	16.03	15.98		
1.4	64QAM	3	1	15.98	16.04	15.93		
1.4	64QAM	3	3	15.93	16.11	16.20		
1.4	64QAM	6	0	16.03	16.13	16.12	17.7	0
1.4	256QAM	1	0	15.96	16.09	15.99	17.7	0
1.4	256QAM	1	3	15.94	16.17	16.04		
1.4	256QAM	1	5	16.10	16.07	16.08		
1.4	256QAM	3	0	15.96	16.17	16.11		
1.4	256QAM	3	1	15.89	16.10	16.00		
1.4	256QAM	3	3	15.92	15.98	16.01		
1.4	256QAM	6	0	16.04	16.01	16.11	17.7	0

Band 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.23	17.36	17.27	18.2	0
20	QPSK	1	49	17.27	17.26	17.28		
20	QPSK	1	99	17.20	17.28	17.10		
20	QPSK	50	0	17.19	17.30	17.25	18.2	0
20	QPSK	50	24	17.06	17.07	17.00		
20	QPSK	50	50	17.06	17.06	17.04		
20	QPSK	100	0	17.09	17.24	17.13		
20	16QAM	1	0	17.04	17.14	17.13	18.2	0
20	16QAM	1	49	16.99	16.99	17.08		
20	16QAM	1	99	17.05	17.07	17.03		
20	16QAM	50	0	17.21	17.16	17.13	18.2	0
20	16QAM	50	24	17.08	17.09	17.28		
20	16QAM	50	50	17.15	17.10	17.23		
20	16QAM	100	0	17.09	17.19	17.22		
20	64QAM	1	0	17.05	17.11	17.19	18.2	0
20	64QAM	1	49	17.06	17.11	17.26		
20	64QAM	1	99	17.19	17.27	17.23		
20	64QAM	50	0	17.16	17.24	17.08	18.2	0
20	64QAM	50	24	17.10	17.18	17.01		
20	64QAM	50	50	17.14	17.23	17.33		
20	64QAM	100	0	17.07	17.27	17.13		
20	256QAM	1	0	17.09	17.20	17.07	18.2	0
20	256QAM	1	49	17.01	17.35	17.13		
20	256QAM	1	99	17.14	17.14	17.21		
20	256QAM	50	0	17.08	17.21	17.19	18.2	0
20	256QAM	50	24	16.96	17.12	17.16		
20	256QAM	50	50	17.18	17.22	17.13		
20	256QAM	100	0	17.16	17.16	17.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.14	17.30	17.23	18.2	0
15	QPSK	1	37	17.10	17.25	17.11		
15	QPSK	1	74	17.14	17.18	17.05		
15	QPSK	36	0	16.95	17.14	17.03	18.2	0
15	QPSK	36	20	16.97	17.01	16.92		
15	QPSK	36	39	16.93	17.07	16.87		
15	QPSK	75	0	16.90	17.07	16.75		
15	16QAM	1	0	16.88	16.94	17.02	18.2	0
15	16QAM	1	37	16.94	16.86	17.02		
15	16QAM	1	74	16.97	16.98	16.98		
15	16QAM	36	0	16.96	17.03	16.99	18.2	0
15	16QAM	36	20	17.13	17.02	17.18		
15	16QAM	36	39	17.15	17.10	17.06		
15	16QAM	75	0	16.96	17.18	17.02		
15	64QAM	1	0	17.01	17.08	17.16	18.2	0
15	64QAM	1	37	16.96	16.99	17.03		
15	64QAM	1	74	17.03	17.16	17.13		
15	64QAM	36	0	17.06	17.12	17.08	18.2	0
15	64QAM	36	20	17.05	17.01	17.02		
15	64QAM	36	39	17.02	17.14	17.08		
15	64QAM	75	0	17.10	17.14	17.06		
15	256QAM	1	0	16.96	17.14	17.04	18.2	0
15	256QAM	1	37	16.90	17.26	17.07		
15	256QAM	1	74	17.05	17.12	17.13		
15	256QAM	36	0	17.06	17.11	17.00	18.2	0
15	256QAM	36	20	16.96	17.11	17.14		
15	256QAM	36	39	17.04	16.99	17.11		
15	256QAM	75	0	17.05	17.13	17.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.09	17.27	17.12	18.2	0
10	QPSK	1	25	17.14	17.22	17.08		
10	QPSK	1	49	17.16	17.08	17.09		
10	QPSK	25	0	16.99	17.12	17.01	18.2	0
10	QPSK	25	12	16.92	17.04	16.93		
10	QPSK	25	25	16.93	17.06	16.99		
10	QPSK	50	0	16.89	17.07	16.85		
10	16QAM	1	0	16.95	16.96	17.10	18.2	0
10	16QAM	1	25	16.90	16.99	17.05		
10	16QAM	1	49	16.95	16.84	16.93		
10	16QAM	25	0	17.00	17.00	17.01	18.2	0
10	16QAM	25	12	17.11	17.07	17.19		
10	16QAM	25	25	17.02	17.04	17.12		
10	16QAM	50	0	16.99	17.16	17.14		
10	64QAM	1	0	17.06	16.99	17.12	18.2	0
10	64QAM	1	25	16.93	17.05	17.03		
10	64QAM	1	49	17.10	17.10	17.09		
10	64QAM	25	0	17.04	17.08	17.09	18.2	0
10	64QAM	25	12	17.02	17.09	16.95		
10	64QAM	25	25	16.91	17.07	17.15		
10	64QAM	50	0	17.03	17.08	17.15		
10	256QAM	1	0	16.98	17.12	16.98	18.2	0
10	256QAM	1	25	17.00	17.15	17.00		
10	256QAM	1	49	17.12	17.01	17.06		
10	256QAM	25	0	17.02	17.13	17.03	18.2	0
10	256QAM	25	12	17.00	17.12	17.01		
10	256QAM	25	25	17.04	17.10	17.11		
10	256QAM	50	0	16.94	17.15	17.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.03	17.18	17.23	18.2	0
5	QPSK	1	12	17.14	17.26	17.09		
5	QPSK	1	24	17.15	17.14	17.14		
5	QPSK	12	0	16.99	17.20	17.06	18.2	0
5	QPSK	12	7	17.07	16.98	16.99		
5	QPSK	12	13	16.95	17.05	16.99		
5	QPSK	25	0	16.81	17.01	16.80		
5	16QAM	1	0	16.85	16.99	16.97	18.2	0
5	16QAM	1	12	16.98	17.01	17.05		
5	16QAM	1	24	16.91	16.97	16.97		
5	16QAM	12	0	17.05	16.94	16.92	18.2	0
5	16QAM	12	7	17.03	17.05	17.10		
5	16QAM	12	13	17.02	17.04	16.99		
5	16QAM	25	0	16.91	17.17	17.00		
5	64QAM	1	0	17.08	16.98	17.02	18.2	0
5	64QAM	1	12	16.99	16.97	17.04		
5	64QAM	1	24	17.09	17.19	17.04		
5	64QAM	12	0	17.06	17.07	17.08	18.2	0
5	64QAM	12	7	17.00	17.07	16.98		
5	64QAM	12	13	16.92	17.08	17.14		
5	64QAM	25	0	17.09	17.16	17.05		
5	256QAM	1	0	17.04	17.21	17.01	18.2	0
5	256QAM	1	12	16.97	17.18	16.95		
5	256QAM	1	24	17.04	17.11	16.99		
5	256QAM	12	0	17.05	17.21	17.01	18.2	0
5	256QAM	12	7	16.98	17.13	17.08		
5	256QAM	12	13	17.02	17.05	17.09		
5	256QAM	25	0	16.94	17.03	17.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.27	17.11	18.2	0
3	QPSK	1	8	17.16	17.18	17.15		
3	QPSK	1	14	17.05	17.11	17.09		
3	QPSK	8	0	16.96	17.15	16.97	18.2	0
3	QPSK	8	4	17.01	17.02	16.96		
3	QPSK	8	7	16.89	17.11	17.01		
3	QPSK	15	0	16.89	17.04	16.75		
3	16QAM	1	0	16.99	17.06	17.05	18.2	0
3	16QAM	1	8	16.96	16.98	17.05		
3	16QAM	1	14	16.87	16.99	16.91		
3	16QAM	8	0	17.06	17.03	17.01	18.2	0
3	16QAM	8	4	17.07	16.93	17.14		
3	16QAM	8	7	17.13	17.06	17.09		
3	16QAM	15	0	17.03	17.12	17.07		
3	64QAM	1	0	17.00	16.96	17.08	18.2	0
3	64QAM	1	8	17.00	17.02	17.11		
3	64QAM	1	14	17.07	17.15	17.08		
3	64QAM	8	0	17.06	17.02	17.09	18.2	0
3	64QAM	8	4	16.93	16.99	16.93		
3	64QAM	8	7	16.90	17.12	17.10		
3	64QAM	15	0	17.03	17.06	17.11		
3	256QAM	1	0	16.97	17.09	17.01	18.2	0
3	256QAM	1	8	16.91	17.22	17.04		
3	256QAM	1	14	17.03	17.10	17.04		
3	256QAM	8	0	17.03	17.12	17.06	18.2	0
3	256QAM	8	4	16.87	17.15	17.03		
3	256QAM	8	7	17.08	17.00	17.04		
3	256QAM	15	0	16.95	17.09	17.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.09	17.20	17.16	18.2	0
1.4	QPSK	1	3	17.23	17.26	17.15		
1.4	QPSK	1	5	17.04	17.08	17.07		
1.4	QPSK	3	0	16.94	17.22	17.04		
1.4	QPSK	3	1	16.93	16.96	16.89		
1.4	QPSK	3	3	17.03	16.98	17.01		
1.4	QPSK	6	0	16.85	17.07	16.77	18.2	0
1.4	16QAM	1	0	16.89	17.05	17.11	18.2	0
1.4	16QAM	1	3	16.92	16.96	16.95		
1.4	16QAM	1	5	16.86	16.94	16.95		
1.4	16QAM	3	0	17.08	16.99	17.06		
1.4	16QAM	3	1	17.04	16.94	17.15		
1.4	16QAM	3	3	17.02	17.10	17.12		
1.4	16QAM	6	0	16.99	17.15	17.08	18.2	0
1.4	64QAM	1	0	16.96	17.02	17.18	18.2	0
1.4	64QAM	1	3	16.98	17.04	17.07		
1.4	64QAM	1	5	17.10	17.21	17.13		
1.4	64QAM	3	0	17.06	17.09	17.02		
1.4	64QAM	3	1	17.00	16.99	16.99		
1.4	64QAM	3	3	17.00	17.07	17.15		
1.4	64QAM	6	0	17.11	17.07	17.12	18.2	0
1.4	256QAM	1	0	16.95	17.22	17.04	18.2	0
1.4	256QAM	1	3	16.88	17.22	17.07		
1.4	256QAM	1	5	17.04	17.01	16.99		
1.4	256QAM	3	0	16.99	17.21	17.00		
1.4	256QAM	3	1	16.90	17.00	17.07		
1.4	256QAM	3	3	17.01	16.99	17.05		
1.4	256QAM	6	0	16.96	17.15	17.11	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.75	16.95	16.87	17.7	0
20	QPSK	1	49	16.85	16.79	16.79		
20	QPSK	1	99	16.66	16.72	16.70		
20	QPSK	50	0	16.85	16.91	16.83	17.7	0
20	QPSK	50	24	16.58	16.69	16.57		
20	QPSK	50	50	16.64	16.72	16.60		
20	QPSK	100	0	16.83	16.87	16.85		
20	16QAM	1	0	16.48	16.62	16.63	17.7	0
20	16QAM	1	49	16.54	16.57	16.63		
20	16QAM	1	99	16.49	16.54	16.51		
20	16QAM	50	0	16.74	16.56	16.64	17.7	0
20	16QAM	50	24	16.76	16.70	16.68		
20	16QAM	50	50	16.73	16.63	16.71		
20	16QAM	100	0	16.53	16.71	16.69		
20	64QAM	1	0	16.59	16.62	16.73	17.7	0
20	64QAM	1	49	16.62	16.67	16.78		
20	64QAM	1	99	16.72	16.77	16.73		
20	64QAM	50	0	16.64	16.67	16.61	17.7	0
20	64QAM	50	24	16.58	16.69	16.54		
20	64QAM	50	50	16.62	16.81	16.83		
20	64QAM	100	0	16.63	16.77	16.81		
20	256QAM	1	0	16.69	16.70	16.58	17.7	0
20	256QAM	1	49	16.53	16.80	16.67		
20	256QAM	1	99	16.66	16.77	16.63		
20	256QAM	50	0	16.59	16.76	16.71	17.7	0
20	256QAM	50	24	16.52	16.72	16.67		
20	256QAM	50	50	16.61	16.68	16.69		
20	256QAM	100	0	16.65	16.66	16.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.60	16.80	16.64	17.7	0
15	QPSK	1	37	16.69	16.68	16.70		
15	QPSK	1	74	16.61	16.68	16.56		
15	QPSK	36	0	16.51	16.70	16.57	17.7	0
15	QPSK	36	20	16.53	16.51	16.52		
15	QPSK	36	39	16.47	16.55	16.52		
15	QPSK	75	0	16.33	16.57	16.34		
15	16QAM	1	0	16.53	16.59	16.62	17.7	0
15	16QAM	1	37	16.51	16.54	16.60		
15	16QAM	1	74	16.45	16.47	16.47		
15	16QAM	36	0	16.57	16.47	16.51	17.7	0
15	16QAM	36	20	16.59	16.58	16.65		
15	16QAM	36	39	16.65	16.62	16.55		
15	16QAM	75	0	16.52	16.60	16.64		
15	64QAM	1	0	16.61	16.49	16.55	17.7	0
15	64QAM	1	37	16.53	16.57	16.65		
15	64QAM	1	74	16.50	16.70	16.61		
15	64QAM	36	0	16.60	16.59	16.48	17.7	0
15	64QAM	36	20	16.59	16.62	16.47		
15	64QAM	36	39	16.45	16.59	16.71		
15	64QAM	75	0	16.55	16.60	16.64		
15	256QAM	1	0	16.51	16.69	16.62	17.7	0
15	256QAM	1	37	16.48	16.80	16.50		
15	256QAM	1	74	16.70	16.58	16.53		
15	256QAM	36	0	16.52	16.63	16.61	17.7	0
15	256QAM	36	20	16.39	16.67	16.58		
15	256QAM	36	39	16.54	16.65	16.59		
15	256QAM	75	0	16.54	16.66	16.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.67	16.84	16.71	17.7	0
10	QPSK	1	25	16.61	16.67	16.74		
10	QPSK	1	49	16.67	16.73	16.57		
10	QPSK	25	0	16.51	16.72	16.56	17.7	0
10	QPSK	25	12	16.50	16.62	16.50		
10	QPSK	25	25	16.48	16.51	16.55		
10	QPSK	50	0	16.31	16.50	16.27		
10	16QAM	1	0	16.52	16.48	16.59	17.7	0
10	16QAM	1	25	16.55	16.50	16.50		
10	16QAM	1	49	16.44	16.36	16.41		
10	16QAM	25	0	16.52	16.53	16.51	17.7	0
10	16QAM	25	12	16.66	16.58	16.62		
10	16QAM	25	25	16.65	16.48	16.66		
10	16QAM	50	0	16.46	16.60	16.59		
10	64QAM	1	0	16.49	16.62	16.71	17.7	0
10	64QAM	1	25	16.54	16.55	16.60		
10	64QAM	1	49	16.62	16.62	16.62		
10	64QAM	25	0	16.63	16.55	16.52	17.7	0
10	64QAM	25	12	16.55	16.62	16.52		
10	64QAM	25	25	16.47	16.66	16.62		
10	64QAM	50	0	16.65	16.64	16.61		
10	256QAM	1	0	16.54	16.71	16.57	17.7	0
10	256QAM	1	25	16.54	16.76	16.60		
10	256QAM	1	49	16.63	16.57	16.65		
10	256QAM	25	0	16.62	16.60	16.56	17.7	0
10	256QAM	25	12	16.40	16.69	16.60		
10	256QAM	25	25	16.56	16.55	16.61		
10	256QAM	50	0	16.50	16.61	16.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.67	16.82	16.64	17.7	0
5	QPSK	1	12	16.71	16.72	16.67		
5	QPSK	1	24	16.66	16.65	16.55		
5	QPSK	12	0	16.46	16.70	16.54	17.7	0
5	QPSK	12	7	16.50	16.60	16.52		
5	QPSK	12	13	16.47	16.54	16.49		
5	QPSK	25	0	16.41	16.54	16.42		
5	16QAM	1	0	16.38	16.48	16.49	17.7	0
5	16QAM	1	12	16.52	16.52	16.56		
5	16QAM	1	24	16.50	16.36	16.55		
5	16QAM	12	0	16.61	16.49	16.47	17.7	0
5	16QAM	12	7	16.59	16.46	16.69		
5	16QAM	12	13	16.64	16.61	16.57		
5	16QAM	25	0	16.50	16.63	16.65		
5	64QAM	1	0	16.58	16.49	16.57	17.7	0
5	64QAM	1	12	16.61	16.50	16.66		
5	64QAM	1	24	16.57	16.74	16.54		
5	64QAM	12	0	16.60	16.71	16.51	17.7	0
5	64QAM	12	7	16.56	16.52	16.43		
5	64QAM	12	13	16.52	16.72	16.75		
5	64QAM	25	0	16.64	16.63	16.70		
5	256QAM	1	0	16.52	16.73	16.57	17.7	0
5	256QAM	1	12	16.43	16.73	16.62		
5	256QAM	1	24	16.57	16.61	16.64		
5	256QAM	12	0	16.62	16.67	16.62	17.7	0
5	256QAM	12	7	16.39	16.60	16.65		
5	256QAM	12	13	16.56	16.66	16.60		
5	256QAM	25	0	16.46	16.63	16.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.60	16.83	16.60	17.7	0
3	QPSK	1	8	16.63	16.67	16.69		
3	QPSK	1	14	16.58	16.62	16.59		
3	QPSK	8	0	16.56	16.72	16.59	17.7	0
3	QPSK	8	4	16.48	16.56	16.52		
3	QPSK	8	7	16.47	16.55	16.47		
3	QPSK	15	0	16.44	16.51	16.39		
3	16QAM	1	0	16.38	16.54	16.57	17.7	0
3	16QAM	1	8	16.53	16.45	16.47		
3	16QAM	1	14	16.47	16.46	16.45		
3	16QAM	8	0	16.53	16.49	16.58	17.7	0
3	16QAM	8	4	16.60	16.48	16.68		
3	16QAM	8	7	16.63	16.62	16.56		
3	16QAM	15	0	16.52	16.66	16.56		
3	64QAM	1	0	16.58	16.55	16.66	17.7	0
3	64QAM	1	8	16.48	16.52	16.60		
3	64QAM	1	14	16.53	16.61	16.66		
3	64QAM	8	0	16.57	16.68	16.55	17.7	0
3	64QAM	8	4	16.44	16.62	16.46		
3	64QAM	8	7	16.45	16.73	16.70		
3	64QAM	15	0	16.50	16.63	16.62		
3	256QAM	1	0	16.57	16.63	16.48	17.7	0
3	256QAM	1	8	16.41	16.75	16.49		
3	256QAM	1	14	16.67	16.56	16.59		
3	256QAM	8	0	16.50	16.61	16.66	17.7	0
3	256QAM	8	4	16.49	16.53	16.57		
3	256QAM	8	7	16.56	16.51	16.69		
3	256QAM	15	0	16.53	16.56	16.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.63	16.78	16.63	17.7	0
1.4	QPSK	1	3	16.61	16.67	16.66		
1.4	QPSK	1	5	16.57	16.60	16.56		
1.4	QPSK	3	0	16.48	16.76	16.48		
1.4	QPSK	3	1	16.51	16.48	16.57		
1.4	QPSK	3	3	16.46	16.61	16.54		
1.4	QPSK	6	0	16.36	16.55	16.32	17.7	0
1.4	16QAM	1	0	16.46	16.47	16.49	17.7	0
1.4	16QAM	1	3	16.46	16.43	16.54		
1.4	16QAM	1	5	16.47	16.50	16.53		
1.4	16QAM	3	0	16.57	16.52	16.58		
1.4	16QAM	3	1	16.61	16.48	16.64		
1.4	16QAM	3	3	16.64	16.53	16.59		
1.4	16QAM	6	0	16.44	16.68	16.66	17.7	0
1.4	64QAM	1	0	16.59	16.54	16.56	17.7	0
1.4	64QAM	1	3	16.61	16.49	16.57		
1.4	64QAM	1	5	16.57	16.67	16.57		
1.4	64QAM	3	0	16.64	16.62	16.59		
1.4	64QAM	3	1	16.59	16.56	16.59		
1.4	64QAM	3	3	16.42	16.61	16.65		
1.4	64QAM	6	0	16.56	16.59	16.57	17.7	0
1.4	256QAM	1	0	16.53	16.73	16.54	17.7	0
1.4	256QAM	1	3	16.45	16.66	16.56		
1.4	256QAM	1	5	16.68	16.58	16.61		
1.4	256QAM	3	0	16.56	16.66	16.54		
1.4	256QAM	3	1	16.52	16.59	16.62		
1.4	256QAM	3	3	16.53	16.63	16.65		
1.4	256QAM	6	0	16.47	16.68	16.59	17.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.17	18.34	18.14	20	0
20	QPSK	1	49	18.20	18.20	18.08		
20	QPSK	1	99	18.07	18.09	18.08		
20	QPSK	50	0	18.15	18.19	18.08	20	0
20	QPSK	50	24	18.16	18.11	18.07		
20	QPSK	50	50	18.17	18.18	18.14		
20	QPSK	100	0	18.14	18.16	18.07		
20	16QAM	1	0	18.20	18.18	18.00	20	0
20	16QAM	1	49	18.16	18.19	18.05		
20	16QAM	1	99	18.19	18.12	18.09		
20	16QAM	50	0	18.08	18.23	18.08	20	0
20	16QAM	50	24	18.17	18.16	18.06		
20	16QAM	50	50	18.20	18.17	18.08		
20	16QAM	100	0	18.13	18.15	18.12		
20	64QAM	1	0	18.06	18.09	18.15	20	0
20	64QAM	1	49	18.13	18.14	18.14		
20	64QAM	1	99	18.13	18.18	18.13		
20	64QAM	50	0	18.19	18.16	18.06	20	0
20	64QAM	50	24	18.16	18.16	18.12		
20	64QAM	50	50	18.13	18.19	18.00		
20	64QAM	100	0	18.06	18.12	18.03		
20	256QAM	1	0	18.12	18.09	18.10	20	0
20	256QAM	1	49	18.19	18.21	18.09		
20	256QAM	1	99	18.07	18.18	18.15		
20	256QAM	50	0	18.18	18.11	18.04	20	0
20	256QAM	50	24	18.17	18.09	18.02		
20	256QAM	50	50	18.06	18.09	18.11		
20	256QAM	100	0	18.16	18.11	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.21	18.32	18.21	20	0
15	QPSK	1	37	18.07	18.20	18.11		
15	QPSK	1	74	18.18	18.12	18.03		
15	QPSK	36	0	18.14	18.12	18.16	20	0
15	QPSK	36	20	18.19	18.17	18.05		
15	QPSK	36	39	18.11	18.14	18.12		
15	QPSK	75	0	18.15	18.16	18.07		
15	16QAM	1	0	18.08	18.08	18.06	20	0
15	16QAM	1	37	18.19	18.10	18.03		
15	16QAM	1	74	18.19	18.20	18.11		
15	16QAM	36	0	18.13	18.11	18.14	20	0
15	16QAM	36	20	18.11	18.16	18.13		
15	16QAM	36	39	18.14	18.18	18.02		
15	16QAM	75	0	18.15	18.14	18.14		
15	64QAM	1	0	18.14	18.21	18.11	20	0
15	64QAM	1	37	18.11	18.14	18.14		
15	64QAM	1	74	18.20	18.15	18.11		
15	64QAM	36	0	18.13	18.08	18.08	20	0
15	64QAM	36	20	18.20	18.09	18.13		
15	64QAM	36	39	18.05	18.14	18.02		
15	64QAM	75	0	18.09	18.20	18.09		
15	256QAM	1	0	18.18	18.13	18.04	20	0
15	256QAM	1	37	18.08	18.16	18.14		
15	256QAM	1	74	18.09	18.13	18.03		
15	256QAM	36	0	18.19	18.22	18.13	20	0
15	256QAM	36	20	18.16	18.16	18.03		
15	256QAM	36	39	18.18	18.09	18.08		
15	256QAM	75	0	18.14	18.14	18.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.28	18.32	18.22	20	0
10	QPSK	1	25	18.07	18.21	18.11		
10	QPSK	1	49	18.10	18.17	18.14		
10	QPSK	25	0	18.16	18.10	18.11	20	0
10	QPSK	25	12	18.07	18.08	18.09		
10	QPSK	25	25	18.08	18.15	18.03		
10	QPSK	50	0	18.09	18.22	18.14		
10	16QAM	1	0	18.11	18.09	18.04	20	0
10	16QAM	1	25	18.17	18.12	18.07		
10	16QAM	1	49	18.16	18.14	18.11		
10	16QAM	25	0	18.16	18.16	18.06	20	0
10	16QAM	25	12	18.13	18.15	18.06		
10	16QAM	25	25	18.10	18.19	18.13		
10	16QAM	50	0	18.10	18.08	18.10		
10	64QAM	1	0	18.20	18.21	18.01	20	0
10	64QAM	1	25	18.16	18.22	18.01		
10	64QAM	1	49	18.13	18.12	18.04		
10	64QAM	25	0	18.17	18.22	18.02	20	0
10	64QAM	25	12	18.05	18.16	18.14		
10	64QAM	25	25	18.12	18.20	18.13		
10	64QAM	50	0	18.13	18.10	18.06		
10	256QAM	1	0	18.12	18.10	18.03	20	0
10	256QAM	1	25	18.21	18.17	18.15		
10	256QAM	1	49	18.08	18.16	18.03		
10	256QAM	25	0	18.12	18.23	18.01	20	0
10	256QAM	25	12	18.14	18.16	18.01		
10	256QAM	25	25	18.16	18.17	18.01		
10	256QAM	50	0	18.17	18.21	18.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.20	18.30	18.19	20	0
5	QPSK	1	12	18.08	18.16	18.00		
5	QPSK	1	24	18.13	18.19	18.10		
5	QPSK	12	0	18.10	18.21	18.10	20	0
5	QPSK	12	7	18.08	18.09	18.11		
5	QPSK	12	13	18.06	18.12	18.13		
5	QPSK	25	0	18.18	18.23	18.05		
5	16QAM	1	0	18.06	18.09	18.07	20	0
5	16QAM	1	12	18.17	18.14	18.06		
5	16QAM	1	24	18.21	18.12	18.06		
5	16QAM	12	0	18.11	18.21	18.04	20	0
5	16QAM	12	7	18.06	18.23	18.05		
5	16QAM	12	13	18.08	18.15	18.10		
5	16QAM	25	0	18.09	18.12	18.15		
5	64QAM	1	0	18.17	18.15	18.12	20	0
5	64QAM	1	12	18.16	18.22	18.13		
5	64QAM	1	24	18.15	18.08	18.15		
5	64QAM	12	0	18.15	18.14	18.04	20	0
5	64QAM	12	7	18.11	18.13	18.01		
5	64QAM	12	13	18.14	18.13	18.14		
5	64QAM	25	0	18.10	18.13	18.10		
5	256QAM	1	0	18.14	18.17	18.05	20	0
5	256QAM	1	12	18.09	18.17	18.15		
5	256QAM	1	24	18.19	18.14	18.14		
5	256QAM	12	0	18.09	18.18	18.08	20	0
5	256QAM	12	7	18.20	18.19	18.00		
5	256QAM	12	13	18.19	18.19	18.03		
5	256QAM	25	0	18.13	18.13	18.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.18	18.31	18.21	20	0
3	QPSK	1	8	18.18	18.22	18.16		
3	QPSK	1	14	18.16	18.12	18.06		
3	QPSK	8	0	18.15	18.07	18.16	20	0
3	QPSK	8	4	18.13	18.10	18.10		
3	QPSK	8	7	18.06	18.10	18.11		
3	QPSK	15	0	18.18	18.14	18.09		
3	16QAM	1	0	18.08	18.13	18.06	20	0
3	16QAM	1	8	18.15	18.22	18.14		
3	16QAM	1	14	18.20	18.18	18.13		
3	16QAM	8	0	18.09	18.18	18.13	20	0
3	16QAM	8	4	18.05	18.20	18.06		
3	16QAM	8	7	18.07	18.10	18.03		
3	16QAM	15	0	18.08	18.10	18.03		
3	64QAM	1	0	18.08	18.08	18.08	20	0
3	64QAM	1	8	18.06	18.13	18.02		
3	64QAM	1	14	18.11	18.09	18.09		
3	64QAM	8	0	18.05	18.10	18.08	20	0
3	64QAM	8	4	18.07	18.22	18.00		
3	64QAM	8	7	18.07	18.15	18.03		
3	64QAM	15	0	18.08	18.16	18.16		
3	256QAM	1	0	18.07	18.19	18.12	20	0
3	256QAM	1	8	18.14	18.20	18.10		
3	256QAM	1	14	18.08	18.13	18.04		
3	256QAM	8	0	18.06	18.19	18.07	20	0
3	256QAM	8	4	18.05	18.17	18.14		
3	256QAM	8	7	18.06	18.18	18.01		
3	256QAM	15	0	18.09	18.12	18.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.17	18.32	18.18	20	0
1.4	QPSK	1	3	18.14	18.18	18.15		
1.4	QPSK	1	5	18.19	18.11	18.07		
1.4	QPSK	3	0	18.15	18.09	18.10		
1.4	QPSK	3	1	18.15	18.22	18.05		
1.4	QPSK	3	3	18.16	18.12	18.13		
1.4	QPSK	6	0	18.11	18.08	18.16	20	0
1.4	16QAM	1	0	18.11	18.15	18.00	20	0
1.4	16QAM	1	3	18.18	18.08	18.15		
1.4	16QAM	1	5	18.18	18.19	18.11		
1.4	16QAM	3	0	18.06	18.11	18.09		
1.4	16QAM	3	1	18.08	18.15	18.05		
1.4	16QAM	3	3	18.11	18.10	18.02		
1.4	16QAM	6	0	18.07	18.13	18.06	20	0
1.4	64QAM	1	0	18.09	18.11	18.14	20	0
1.4	64QAM	1	3	18.17	18.19	18.11		
1.4	64QAM	1	5	18.18	18.08	18.11		
1.4	64QAM	3	0	18.12	18.09	18.06		
1.4	64QAM	3	1	18.20	18.21	18.15		
1.4	64QAM	3	3	18.12	18.16	18.13		
1.4	64QAM	6	0	18.12	18.08	18.13	20	0
1.4	256QAM	1	0	18.16	18.16	18.08	20	0
1.4	256QAM	1	3	18.05	18.17	18.01		
1.4	256QAM	1	5	18.19	18.10	18.09		
1.4	256QAM	3	0	18.16	18.17	18.01		
1.4	256QAM	3	1	18.17	18.13	18.06		
1.4	256QAM	3	3	18.13	18.16	18.05		
1.4	256QAM	6	0	18.14	18.17	18.13	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.45	19.52	19.47	20.7	0
20	QPSK	1	49	19.31	19.50	19.41		
20	QPSK	1	99	19.30	19.48	19.32		
20	QPSK	50	0	19.30	19.48	19.40	20.7	0
20	QPSK	50	24	19.41	19.46	19.39		
20	QPSK	50	50	19.31	19.42	19.39		
20	QPSK	100	0	19.39	19.46	19.36		
20	16QAM	1	0	19.34	19.51	19.29	20.7	0
20	16QAM	1	49	19.34	19.43	19.42		
20	16QAM	1	99	19.40	19.42	19.35		
20	16QAM	50	0	19.42	19.50	19.42	20.7	0
20	16QAM	50	24	19.31	19.48	19.32		
20	16QAM	50	50	19.28	19.45	19.30		
20	16QAM	100	0	19.32	19.38	19.35		
20	64QAM	1	0	19.35	19.50	19.36	20.7	0
20	64QAM	1	49	19.33	19.36	19.36		
20	64QAM	1	99	19.40	19.36	19.38		
20	64QAM	50	0	19.29	19.38	19.38	20.7	0
20	64QAM	50	24	19.28	19.39	19.42		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.28	19.51	19.31		
20	256QAM	1	0	19.31	19.47	19.30	20.7	0
20	256QAM	1	49	19.42	19.41	19.43		
20	256QAM	1	99	19.28	19.49	19.44		
20	256QAM	50	0	19.43	19.41	19.38	20.7	0
20	256QAM	50	24	19.42	19.44	19.40		
20	256QAM	50	50	19.30	19.38	19.39		
20	256QAM	100	0	19.39	19.40	19.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.35	19.44	19.40	20.7	0
15	QPSK	1	37	19.41	19.44	19.31		
15	QPSK	1	74	19.31	19.49	19.33		
15	QPSK	36	0	19.29	19.48	19.33	20.7	0
15	QPSK	36	20	19.31	19.44	19.35		
15	QPSK	36	39	19.32	19.47	19.37		
15	QPSK	75	0	19.38	19.48	19.37		
15	16QAM	1	0	19.39	19.42	19.44	20.7	0
15	16QAM	1	37	19.36	19.36	19.39		
15	16QAM	1	74	19.28	19.50	19.30		
15	16QAM	36	0	19.41	19.50	19.43	20.7	0
15	16QAM	36	20	19.34	19.39	19.35		
15	16QAM	36	39	19.29	19.38	19.32		
15	16QAM	75	0	19.32	19.41	19.43		
15	64QAM	1	0	19.42	19.37	19.33	20.7	0
15	64QAM	1	37	19.42	19.50	19.30		
15	64QAM	1	74	19.44	19.39	19.31		
15	64QAM	36	0	19.36	19.49	19.29	20.7	0
15	64QAM	36	20	19.33	19.45	19.37		
15	64QAM	36	39	19.40	19.46	19.33		
15	64QAM	75	0	19.30	19.44	19.39		
15	256QAM	1	0	19.35	19.47	19.30	20.7	0
15	256QAM	1	37	19.42	19.36	19.31		
15	256QAM	1	74	19.38	19.49	19.33		
15	256QAM	36	0	19.39	19.45	19.37	20.7	0
15	256QAM	36	20	19.33	19.45	19.31		
15	256QAM	36	39	19.43	19.39	19.43		
15	256QAM	75	0	19.31	19.45	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.41	19.45	19.43	20.7	0
10	QPSK	1	25	19.42	19.50	19.41		
10	QPSK	1	49	19.28	19.37	19.29		
10	QPSK	25	0	19.43	19.37	19.30	20.7	0
10	QPSK	25	12	19.36	19.51	19.35		
10	QPSK	25	25	19.33	19.43	19.45		
10	QPSK	50	0	19.29	19.42	19.40		
10	16QAM	1	0	19.38	19.48	19.39	20.7	0
10	16QAM	1	25	19.36	19.51	19.38		
10	16QAM	1	49	19.32	19.47	19.37		
10	16QAM	25	0	19.42	19.51	19.36	20.7	0
10	16QAM	25	12	19.34	19.47	19.37		
10	16QAM	25	25	19.33	19.42	19.35		
10	16QAM	50	0	19.30	19.46	19.30		
10	64QAM	1	0	19.42	19.43	19.45	20.7	0
10	64QAM	1	25	19.39	19.37	19.31		
10	64QAM	1	49	19.36	19.50	19.40		
10	64QAM	25	0	19.40	19.38	19.43	20.7	0
10	64QAM	25	12	19.36	19.40	19.30		
10	64QAM	25	25	19.38	19.42	19.36		
10	64QAM	50	0	19.37	19.38	19.39		
10	256QAM	1	0	19.31	19.50	19.42	20.7	0
10	256QAM	1	25	19.44	19.46	19.36		
10	256QAM	1	49	19.37	19.51	19.41		
10	256QAM	25	0	19.41	19.45	19.44	20.7	0
10	256QAM	25	12	19.42	19.51	19.38		
10	256QAM	25	25	19.34	19.45	19.33		
10	256QAM	50	0	19.39	19.41	19.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.40	19.50	19.33	20.7	0
5	QPSK	1	12	19.30	19.45	19.33		
5	QPSK	1	24	19.30	19.37	19.34		
5	QPSK	12	0	19.43	19.43	19.35	20.7	0
5	QPSK	12	7	19.28	19.44	19.40		
5	QPSK	12	13	19.40	19.47	19.37		
5	QPSK	25	0	19.39	19.49	19.29		
5	16QAM	1	0	19.38	19.39	19.33	20.7	0
5	16QAM	1	12	19.40	19.46	19.42		
5	16QAM	1	24	19.39	19.48	19.39		
5	16QAM	12	0	19.43	19.38	19.43	20.7	0
5	16QAM	12	7	19.40	19.48	19.40		
5	16QAM	12	13	19.35	19.51	19.42		
5	16QAM	25	0	19.39	19.50	19.42		
5	64QAM	1	0	19.30	19.42	19.30	20.7	0
5	64QAM	1	12	19.29	19.49	19.30		
5	64QAM	1	24	19.34	19.40	19.30		
5	64QAM	12	0	19.29	19.41	19.36	20.7	0
5	64QAM	12	7	19.39	19.51	19.41		
5	64QAM	12	13	19.43	19.51	19.41		
5	64QAM	25	0	19.32	19.36	19.40		
5	256QAM	1	0	19.35	19.42	19.31	20.7	0
5	256QAM	1	12	19.33	19.45	19.29		
5	256QAM	1	24	19.36	19.46	19.44		
5	256QAM	12	0	19.36	19.42	19.32	20.7	0
5	256QAM	12	7	19.37	19.37	19.39		
5	256QAM	12	13	19.37	19.50	19.39		
5	256QAM	25	0	19.31	19.39	19.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.46	19.48	19.43	20.7	0
3	QPSK	1	8	19.39	19.48	19.31		
3	QPSK	1	14	19.44	19.49	19.36		
3	QPSK	8	0	19.37	19.36	19.31	20.7	0
3	QPSK	8	4	19.40	19.42	19.42		
3	QPSK	8	7	19.35	19.48	19.30		
3	QPSK	15	0	19.42	19.51	19.29		
3	16QAM	1	0	19.41	19.39	19.41	20.7	0
3	16QAM	1	8	19.30	19.45	19.33		
3	16QAM	1	14	19.36	19.37	19.34		
3	16QAM	8	0	19.42	19.40	19.34	20.7	0
3	16QAM	8	4	19.38	19.42	19.34		
3	16QAM	8	7	19.37	19.44	19.37		
3	16QAM	15	0	19.28	19.39	19.32		
3	64QAM	1	0	19.36	19.51	19.41	20.7	0
3	64QAM	1	8	19.37	19.43	19.34		
3	64QAM	1	14	19.31	19.48	19.39		
3	64QAM	8	0	19.43	19.47	19.30	20.7	0
3	64QAM	8	4	19.33	19.50	19.31		
3	64QAM	8	7	19.30	19.43	19.32		
3	64QAM	15	0	19.40	19.38	19.41		
3	256QAM	1	0	19.30	19.43	19.29	20.7	0
3	256QAM	1	8	19.39	19.42	19.40		
3	256QAM	1	14	19.44	19.51	19.33		
3	256QAM	8	0	19.32	19.38	19.33	20.7	0
3	256QAM	8	4	19.38	19.42	19.30		
3	256QAM	8	7	19.42	19.36	19.38		
3	256QAM	15	0	19.32	19.46	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.44	19.43	19.39	20.7	0
1.4	QPSK	1	3	19.40	19.44	19.44		
1.4	QPSK	1	5	19.28	19.37	19.32		
1.4	QPSK	3	0	19.41	19.39	19.38		
1.4	QPSK	3	1	19.33	19.40	19.31		
1.4	QPSK	3	3	19.41	19.40	19.29		
1.4	QPSK	6	0	19.39	19.49	19.44	20.7	0
1.4	16QAM	1	0	19.29	19.48	19.40	20.7	0
1.4	16QAM	1	3	19.37	19.38	19.43		
1.4	16QAM	1	5	19.43	19.38	19.41		
1.4	16QAM	3	0	19.36	19.36	19.38		
1.4	16QAM	3	1	19.43	19.47	19.41		
1.4	16QAM	3	3	19.30	19.42	19.32		
1.4	16QAM	6	0	19.43	19.38	19.30	20.7	0
1.4	64QAM	1	0	19.35	19.38	19.38	20.7	0
1.4	64QAM	1	3	19.32	19.51	19.44		
1.4	64QAM	1	5	19.35	19.38	19.35		
1.4	64QAM	3	0	19.41	19.43	19.41		
1.4	64QAM	3	1	19.30	19.50	19.33		
1.4	64QAM	3	3	19.41	19.38	19.31		
1.4	64QAM	6	0	19.32	19.38	19.41	20.7	0
1.4	256QAM	1	0	19.33	19.42	19.44	20.7	0
1.4	256QAM	1	3	19.32	19.47	19.41		
1.4	256QAM	1	5	19.38	19.48	19.38		
1.4	256QAM	3	0	19.30	19.46	19.40		
1.4	256QAM	3	1	19.38	19.45	19.29		
1.4	256QAM	3	3	19.41	19.46	19.44		
1.4	256QAM	6	0	19.39	19.43	19.44	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.47	18.56	18.29	19.7	0
20	QPSK	1	49	18.32	18.50	18.43		
20	QPSK	1	99	18.39	18.51	18.29		
20	QPSK	50	0	18.36	18.52	18.36	19.7	0
20	QPSK	50	24	18.32	18.38	18.37		
20	QPSK	50	50	18.34	18.40	18.39		
20	QPSK	100	0	18.34	18.39	18.33		
20	16QAM	1	0	18.46	18.37	18.48	19.7	0
20	16QAM	1	49	18.30	18.52	18.46		
20	16QAM	1	99	18.36	18.46	18.43		
20	16QAM	50	0	18.44	18.41	18.42	19.7	0
20	16QAM	50	24	18.45	18.47	18.45		
20	16QAM	50	50	18.39	18.50	18.38		
20	16QAM	100	0	18.44	18.44	18.47		
20	64QAM	1	0	18.36	18.46	18.42	19.7	0
20	64QAM	1	49	18.39	18.51	18.32		
20	64QAM	1	99	18.43	18.44	18.39		
20	64QAM	50	0	18.39	18.42	18.35	19.7	0
20	64QAM	50	24	18.38	18.40	18.48		
20	64QAM	50	50	18.32	18.46	18.42		
20	64QAM	100	0	18.44	18.40	18.46		
20	256QAM	1	0	18.40	18.47	18.48	19.7	0
20	256QAM	1	49	18.33	18.51	18.43		
20	256QAM	1	99	18.42	18.49	18.33		
20	256QAM	50	0	18.44	18.47	18.39	19.7	0
20	256QAM	50	24	18.42	18.46	18.41		
20	256QAM	50	50	18.43	18.49	18.42		
20	256QAM	100	0	18.40	18.44	18.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.38	18.41	18.25	19.7	0
15	QPSK	1	37	18.32	18.32	18.26		
15	QPSK	1	74	18.37	18.32	18.20		
15	QPSK	36	0	18.30	18.36	18.37	19.7	0
15	QPSK	36	20	18.27	18.38	18.24		
15	QPSK	36	39	18.29	18.40	18.37		
15	QPSK	75	0	18.23	18.34	18.37		
15	16QAM	1	0	18.34	18.42	18.33	19.7	0
15	16QAM	1	37	18.21	18.34	18.31		
15	16QAM	1	74	18.20	18.34	18.33		
15	16QAM	36	0	18.20	18.38	18.23	19.7	0
15	16QAM	36	20	18.30	18.29	18.37		
15	16QAM	36	39	18.20	18.30	18.23		
15	16QAM	75	0	18.21	18.29	18.22		
15	64QAM	1	0	18.29	18.29	18.29	19.7	0
15	64QAM	1	37	18.26	18.33	18.24		
15	64QAM	1	74	18.23	18.33	18.29		
15	64QAM	36	0	18.29	18.34	18.30	19.7	0
15	64QAM	36	20	18.34	18.33	18.33		
15	64QAM	36	39	18.28	18.35	18.28		
15	64QAM	75	0	18.30	18.38	18.30		
15	256QAM	1	0	18.30	18.34	18.38	19.7	0
15	256QAM	1	37	18.31	18.41	18.32		
15	256QAM	1	74	18.33	18.41	18.36		
15	256QAM	36	0	18.27	18.33	18.35	19.7	0
15	256QAM	36	20	18.20	18.34	18.31		
15	256QAM	36	39	18.31	18.39	18.37		
15	256QAM	75	0	18.34	18.27	18.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.38	18.41	18.24	19.7	0
10	QPSK	1	25	18.34	18.32	18.35		
10	QPSK	1	49	18.40	18.30	18.19		
10	QPSK	25	0	18.21	18.39	18.26	19.7	0
10	QPSK	25	12	18.30	18.41	18.24		
10	QPSK	25	25	18.28	18.30	18.28		
10	QPSK	50	0	18.25	18.35	18.34		
10	16QAM	1	0	18.21	18.36	18.24	19.7	0
10	16QAM	1	25	18.20	18.27	18.25		
10	16QAM	1	49	18.35	18.34	18.24		
10	16QAM	25	0	18.26	18.34	18.34	19.7	0
10	16QAM	25	12	18.24	18.39	18.32		
10	16QAM	25	25	18.27	18.37	18.31		
10	16QAM	50	0	18.29	18.42	18.28		
10	64QAM	1	0	18.25	18.41	18.36	19.7	0
10	64QAM	1	25	18.31	18.41	18.24		
10	64QAM	1	49	18.26	18.28	18.30		
10	64QAM	25	0	18.20	18.30	18.31	19.7	0
10	64QAM	25	12	18.22	18.33	18.37		
10	64QAM	25	25	18.26	18.43	18.34		
10	64QAM	50	0	18.22	18.36	18.30		
10	256QAM	1	0	18.26	18.29	18.27	19.7	0
10	256QAM	1	25	18.26	18.29	18.25		
10	256QAM	1	49	18.24	18.29	18.37		
10	256QAM	25	0	18.35	18.29	18.29	19.7	0
10	256QAM	25	12	18.33	18.39	18.36		
10	256QAM	25	25	18.23	18.28	18.34		
10	256QAM	50	0	18.36	18.39	18.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.44	18.51	18.27	19.7	0
5	QPSK	1	12	18.27	18.42	18.22		
5	QPSK	1	24	18.34	18.36	18.22		
5	QPSK	12	0	18.21	18.27	18.38	19.7	0
5	QPSK	12	7	18.30	18.36	18.30		
5	QPSK	12	13	18.26	18.30	18.35		
5	QPSK	25	0	18.27	18.32	18.29		
5	16QAM	1	0	18.24	18.43	18.28	19.7	0
5	16QAM	1	12	18.30	18.36	18.29		
5	16QAM	1	24	18.25	18.41	18.37		
5	16QAM	12	0	18.31	18.33	18.26	19.7	0
5	16QAM	12	7	18.26	18.39	18.26		
5	16QAM	12	13	18.33	18.30	18.29		
5	16QAM	25	0	18.25	18.34	18.29		
5	64QAM	1	0	18.25	18.32	18.25	19.7	0
5	64QAM	1	12	18.25	18.30	18.34		
5	64QAM	1	24	18.30	18.30	18.26		
5	64QAM	12	0	18.22	18.40	18.26	19.7	0
5	64QAM	12	7	18.25	18.30	18.32		
5	64QAM	12	13	18.30	18.40	18.23		
5	64QAM	25	0	18.33	18.33	18.34		
5	256QAM	1	0	18.32	18.31	18.24	19.7	0
5	256QAM	1	12	18.27	18.39	18.36		
5	256QAM	1	24	18.21	18.43	18.30		
5	256QAM	12	0	18.33	18.35	18.23	19.7	0
5	256QAM	12	7	18.27	18.40	18.29		
5	256QAM	12	13	18.30	18.39	18.34		
5	256QAM	25	0	18.21	18.33	18.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.32	18.40	18.23	19.7	0
3	QPSK	1	8	18.32	18.32	18.30		
3	QPSK	1	14	18.36	18.30	18.22		
3	QPSK	8	0	18.26	18.37	18.26	19.7	0
3	QPSK	8	4	18.22	18.32	18.26		
3	QPSK	8	7	18.29	18.38	18.31		
3	QPSK	15	0	18.30	18.28	18.25		
3	16QAM	1	0	18.32	18.42	18.29	19.7	0
3	16QAM	1	8	18.22	18.39	18.36		
3	16QAM	1	14	18.34	18.37	18.27		
3	16QAM	8	0	18.21	18.39	18.31	19.7	0
3	16QAM	8	4	18.25	18.28	18.26		
3	16QAM	8	7	18.31	18.27	18.28		
3	16QAM	15	0	18.29	18.41	18.34		
3	64QAM	1	0	18.28	18.36	18.32	19.7	0
3	64QAM	1	8	18.21	18.39	18.23		
3	64QAM	1	14	18.26	18.36	18.30		
3	64QAM	8	0	18.20	18.27	18.26	19.7	0
3	64QAM	8	4	18.25	18.43	18.30		
3	64QAM	8	7	18.21	18.36	18.32		
3	64QAM	15	0	18.25	18.35	18.30		
3	256QAM	1	0	18.23	18.33	18.37	19.7	0
3	256QAM	1	8	18.29	18.43	18.35		
3	256QAM	1	14	18.26	18.42	18.27		
3	256QAM	8	0	18.28	18.34	18.29	19.7	0
3	256QAM	8	4	18.26	18.29	18.24		
3	256QAM	8	7	18.21	18.40	18.30		
3	256QAM	15	0	18.25	18.32	18.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.39	18.41	18.19	19.7	0
1.4	QPSK	1	3	18.25	18.30	18.33		
1.4	QPSK	1	5	18.33	18.37	18.17		
1.4	QPSK	3	0	18.22	18.30	18.37		
1.4	QPSK	3	1	18.30	18.37	18.26		
1.4	QPSK	3	3	18.30	18.43	18.35		
1.4	QPSK	6	0	18.30	18.42	18.32	19.7	0
1.4	16QAM	1	0	18.26	18.34	18.29	19.7	0
1.4	16QAM	1	3	18.25	18.38	18.37		
1.4	16QAM	1	5	18.28	18.29	18.38		
1.4	16QAM	3	0	18.21	18.30	18.36		
1.4	16QAM	3	1	18.24	18.29	18.38		
1.4	16QAM	3	3	18.29	18.39	18.34		
1.4	16QAM	6	0	18.25	18.42	18.35	19.7	0
1.4	64QAM	1	0	18.33	18.40	18.30	19.7	0
1.4	64QAM	1	3	18.32	18.32	18.32		
1.4	64QAM	1	5	18.26	18.40	18.37		
1.4	64QAM	3	0	18.27	18.28	18.37		
1.4	64QAM	3	1	18.31	18.42	18.26		
1.4	64QAM	3	3	18.25	18.39	18.29		
1.4	64QAM	6	0	18.25	18.29	18.23	19.7	0
1.4	256QAM	1	0	18.24	18.39	18.27	19.7	0
1.4	256QAM	1	3	18.32	18.29	18.34		
1.4	256QAM	1	5	18.29	18.37	18.35		
1.4	256QAM	3	0	18.22	18.42	18.37		
1.4	256QAM	3	1	18.34	18.30	18.32		
1.4	256QAM	3	3	18.34	18.37	18.25		
1.4	256QAM	6	0	18.30	18.42	18.34	19.7	0

Band 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.42	17.52	17.31	18.5	0
20	QPSK	1	49	17.33	17.40	17.45		
20	QPSK	1	99	17.40	17.43	17.27		
20	QPSK	50	0	17.42	17.49	17.46	18.5	0
20	QPSK	50	24	17.17	17.30	17.25		
20	QPSK	50	50	17.27	17.24	17.11		
20	QPSK	100	0	17.11	17.36	17.03		
20	16QAM	1	0	17.22	17.20	17.35	18.5	0
20	16QAM	1	49	17.17	17.16	17.17		
20	16QAM	1	99	17.14	17.21	17.17		
20	16QAM	50	0	17.25	17.25	17.20	18.5	0
20	16QAM	50	24	17.35	17.28	17.37		
20	16QAM	50	50	17.28	17.18	17.27		
20	16QAM	100	0	17.14	17.36	17.30		
20	64QAM	1	0	17.29	17.29	17.27	18.5	0
20	64QAM	1	49	17.23	17.23	17.35		
20	64QAM	1	99	17.26	17.40	17.33		
20	64QAM	50	0	17.29	17.30	17.23	18.5	0
20	64QAM	50	24	17.24	17.30	17.25		
20	64QAM	50	50	17.21	17.40	17.38		
20	64QAM	100	0	17.27	17.36	17.41		
20	256QAM	1	0	17.21	17.38	17.29	18.5	0
20	256QAM	1	49	17.23	17.40	17.33		
20	256QAM	1	99	17.37	17.24	17.32		
20	256QAM	50	0	17.32	17.30	17.24	18.5	0
20	256QAM	50	24	17.19	17.40	17.32		
20	256QAM	50	50	17.23	17.25	17.28		
20	256QAM	100	0	17.25	17.37	17.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.19	17.47	17.27	18.5	0
15	QPSK	1	37	17.27	17.29	17.22		
15	QPSK	1	74	17.20	17.30	17.18		
15	QPSK	36	0	17.12	17.29	17.15	18.5	0
15	QPSK	36	20	17.16	17.12	17.07		
15	QPSK	36	39	17.09	17.20	17.01		
15	QPSK	75	0	17.04	17.21	17.03		
15	16QAM	1	0	17.06	17.18	17.17	18.5	0
15	16QAM	1	37	17.11	17.09	17.20		
15	16QAM	1	74	17.10	17.10	17.12		
15	16QAM	36	0	17.20	17.14	17.07	18.5	0
15	16QAM	36	20	17.17	17.15	17.20		
15	16QAM	36	39	17.27	17.22	17.18		
15	16QAM	75	0	17.07	17.25	17.26		
15	64QAM	1	0	17.12	17.23	17.27	18.5	0
15	64QAM	1	37	17.11	17.13	17.26		
15	64QAM	1	74	17.16	17.25	17.17		
15	64QAM	36	0	17.17	17.18	17.11	18.5	0
15	64QAM	36	20	17.05	17.13	17.18		
15	64QAM	36	39	17.09	17.23	17.25		
15	64QAM	75	0	17.18	17.21	17.31		
15	256QAM	1	0	17.13	17.26	17.11	18.5	0
15	256QAM	1	37	17.07	17.33	17.22		
15	256QAM	1	74	17.20	17.25	17.16		
15	256QAM	36	0	17.21	17.29	17.14	18.5	0
15	256QAM	36	20	17.08	17.27	17.22		
15	256QAM	36	39	17.08	17.17	17.20		
15	256QAM	75	0	17.22	17.28	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.21	17.32	17.30	18.5	0
10	QPSK	1	25	17.24	17.26	17.35		
10	QPSK	1	49	17.24	17.32	17.18		
10	QPSK	25	0	17.08	17.26	17.10	18.5	0
10	QPSK	25	12	17.20	17.22	17.19		
10	QPSK	25	25	17.04	17.13	17.03		
10	QPSK	50	0	17.03	17.17	17.06		
10	16QAM	1	0	17.10	17.05	17.11	18.5	0
10	16QAM	1	25	17.17	17.03	17.17		
10	16QAM	1	49	17.00	17.07	17.03		
10	16QAM	25	0	17.23	17.08	17.18	18.5	0
10	16QAM	25	12	17.19	17.18	17.26		
10	16QAM	25	25	17.25	17.11	17.17		
10	16QAM	50	0	17.06	17.31	17.22		
10	64QAM	1	0	17.23	17.22	17.29	18.5	0
10	64QAM	1	25	17.07	17.09	17.24		
10	64QAM	1	49	17.10	17.26	17.20		
10	64QAM	25	0	17.19	17.25	17.13	18.5	0
10	64QAM	25	12	17.06	17.17	17.12		
10	64QAM	25	25	17.08	17.25	17.22		
10	64QAM	50	0	17.25	17.16	17.25		
10	256QAM	1	0	17.24	17.36	17.21	18.5	0
10	256QAM	1	25	17.16	17.32	17.24		
10	256QAM	1	49	17.16	17.20	17.16		
10	256QAM	25	0	17.20	17.20	17.20	18.5	0
10	256QAM	25	12	17.13	17.18	17.26		
10	256QAM	25	25	17.09	17.25	17.18		
10	256QAM	50	0	17.13	17.21	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.26	17.45	17.22	18.5	0
5	QPSK	1	12	17.25	17.28	17.30		
5	QPSK	1	24	17.31	17.31	17.21		
5	QPSK	12	0	17.07	17.28	17.15	18.5	0
5	QPSK	12	7	17.12	17.13	17.12		
5	QPSK	12	13	17.14	17.23	17.08		
5	QPSK	25	0	17.02	17.06	17.06		
5	16QAM	1	0	17.12	17.17	17.12	18.5	0
5	16QAM	1	12	17.11	17.02	17.08		
5	16QAM	1	24	17.05	17.07	17.15		
5	16QAM	12	0	17.10	17.14	17.21	18.5	0
5	16QAM	12	7	17.17	17.09	17.21		
5	16QAM	12	13	17.22	17.18	17.27		
5	16QAM	25	0	17.13	17.24	17.16		
5	64QAM	1	0	17.14	17.14	17.27	18.5	0
5	64QAM	1	12	17.11	17.21	17.29		
5	64QAM	1	24	17.13	17.36	17.23		
5	64QAM	12	0	17.21	17.17	17.15	18.5	0
5	64QAM	12	7	17.06	17.23	17.06		
5	64QAM	12	13	17.18	17.26	17.28		
5	64QAM	25	0	17.14	17.29	17.19		
5	256QAM	1	0	17.17	17.32	17.19	18.5	0
5	256QAM	1	12	17.07	17.38	17.20		
5	256QAM	1	24	17.23	17.16	17.23		
5	256QAM	12	0	17.21	17.25	17.17	18.5	0
5	256QAM	12	7	17.03	17.17	17.14		
5	256QAM	12	13	17.15	17.23	17.16		
5	256QAM	25	0	17.12	17.22	17.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.32	17.40	17.31	18.5	0
3	QPSK	1	8	17.29	17.35	17.27		
3	QPSK	1	14	17.22	17.21	17.27		
3	QPSK	8	0	17.17	17.25	17.20	18.5	0
3	QPSK	8	4	17.18	17.19	17.13		
3	QPSK	8	7	17.16	17.14	17.11		
3	QPSK	15	0	17.02	17.12	17.00		
3	16QAM	1	0	17.05	17.08	17.12	18.5	0
3	16QAM	1	8	17.01	17.12	17.09		
3	16QAM	1	14	17.06	17.10	17.10		
3	16QAM	8	0	17.14	17.10	17.07	18.5	0
3	16QAM	8	4	17.26	17.14	17.29		
3	16QAM	8	7	17.23	17.23	17.24		
3	16QAM	15	0	17.09	17.21	17.17		
3	64QAM	1	0	17.14	17.13	17.27	18.5	0
3	64QAM	1	8	17.17	17.23	17.20		
3	64QAM	1	14	17.24	17.28	17.25		
3	64QAM	8	0	17.15	17.18	17.09	18.5	0
3	64QAM	8	4	17.14	17.21	17.14		
3	64QAM	8	7	17.12	17.29	17.30		
3	64QAM	15	0	17.19	17.21	17.21		
3	256QAM	1	0	17.10	17.33	17.10	18.5	0
3	256QAM	1	8	17.02	17.30	17.17		
3	256QAM	1	14	17.31	17.15	17.15		
3	256QAM	8	0	17.15	17.35	17.19	18.5	0
3	256QAM	8	4	17.06	17.29	17.19		
3	256QAM	8	7	17.12	17.23	17.21		
3	256QAM	15	0	17.13	17.22	17.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.28	17.45	17.25	18.5	0
1.4	QPSK	1	3	17.28	17.29	17.37		
1.4	QPSK	1	5	17.24	17.32	17.24		
1.4	QPSK	3	0	17.05	17.23	17.21		
1.4	QPSK	3	1	17.09	17.14	17.04		
1.4	QPSK	3	3	17.04	17.10	17.00		
1.4	QPSK	6	0	17.00	17.12	17.03	18.5	0
1.4	16QAM	1	0	17.08	17.17	17.14	18.5	0
1.4	16QAM	1	3	17.08	17.09	17.20		
1.4	16QAM	1	5	17.05	17.12	17.04		
1.4	16QAM	3	0	17.15	17.10	17.08		
1.4	16QAM	3	1	17.18	17.08	17.30		
1.4	16QAM	3	3	17.22	17.22	17.15		
1.4	16QAM	6	0	17.12	17.29	17.19	18.5	0
1.4	64QAM	1	0	17.14	17.08	17.18	18.5	0
1.4	64QAM	1	3	17.22	17.17	17.21		
1.4	64QAM	1	5	17.14	17.38	17.21		
1.4	64QAM	3	0	17.19	17.17	17.17		
1.4	64QAM	3	1	17.13	17.18	17.12		
1.4	64QAM	3	3	17.07	17.21	17.24		
1.4	64QAM	6	0	17.18	17.23	17.22	18.5	0
1.4	256QAM	1	0	17.13	17.23	17.12	18.5	0
1.4	256QAM	1	3	17.05	17.38	17.20		
1.4	256QAM	1	5	17.19	17.17	17.21		
1.4	256QAM	3	0	17.17	17.29	17.13		
1.4	256QAM	3	1	17.12	17.23	17.15		
1.4	256QAM	3	3	17.21	17.15	17.28		
1.4	256QAM	6	0	17.13	17.21	17.15	18.5	0

Band 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.55	17.67	17.61	19	0
20	QPSK	1	49	17.52	17.54	17.53		
20	QPSK	1	99	17.46	17.54	17.36		
20	QPSK	50	0	17.60	17.62	17.54	19	0
20	QPSK	50	24	17.27	17.32	17.25		
20	QPSK	50	50	17.39	17.35	17.20		
20	QPSK	100	0	17.23	17.59	17.19		
20	16QAM	1	0	17.18	17.35	17.45	19	0
20	16QAM	1	49	17.32	17.31	17.35		
20	16QAM	1	99	17.32	17.30	17.36		
20	16QAM	50	0	17.35	17.31	17.40	19	0
20	16QAM	50	24	17.45	17.34	17.45		
20	16QAM	50	50	17.34	17.29	17.34		
20	16QAM	100	0	17.35	17.48	17.45		
20	64QAM	1	0	17.29	17.28	17.47	19	0
20	64QAM	1	49	17.34	17.41	17.40		
20	64QAM	1	99	17.31	17.48	17.47		
20	64QAM	50	0	17.42	17.41	17.38	19	0
20	64QAM	50	24	17.34	17.37	17.24		
20	64QAM	50	50	17.37	17.42	17.45		
20	64QAM	100	0	17.41	17.37	17.42		
20	256QAM	1	0	17.43	17.42	17.34	19	0
20	256QAM	1	49	17.28	17.57	17.40		
20	256QAM	1	99	17.52	17.46	17.42		
20	256QAM	50	0	17.44	17.43	17.44	19	0
20	256QAM	50	24	17.29	17.48	17.43		
20	256QAM	50	50	17.32	17.39	17.36		
20	256QAM	100	0	17.39	17.48	17.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.33	17.56	17.37	19	0
15	QPSK	1	37	17.35	17.47	17.37		
15	QPSK	1	74	17.35	17.29	17.37		
15	QPSK	36	0	17.26	17.37	17.24	19	0
15	QPSK	36	20	17.18	17.26	17.27		
15	QPSK	36	39	17.14	17.33	17.14		
15	QPSK	75	0	17.09	17.25	17.12		
15	16QAM	1	0	17.14	17.17	17.28	19	0
15	16QAM	1	37	17.23	17.12	17.21		
15	16QAM	1	74	17.14	17.22	17.18		
15	16QAM	36	0	17.25	17.18	17.20	19	0
15	16QAM	36	20	17.32	17.19	17.30		
15	16QAM	36	39	17.34	17.30	17.35		
15	16QAM	75	0	17.13	17.37	17.35		
15	64QAM	1	0	17.34	17.24	17.39	19	0
15	64QAM	1	37	17.22	17.28	17.33		
15	64QAM	1	74	17.27	17.41	17.38		
15	64QAM	36	0	17.23	17.31	17.33	19	0
15	64QAM	36	20	17.21	17.34	17.25		
15	64QAM	36	39	17.25	17.37	17.39		
15	64QAM	75	0	17.32	17.36	17.30		
15	256QAM	1	0	17.21	17.40	17.25	19	0
15	256QAM	1	37	17.23	17.46	17.25		
15	256QAM	1	74	17.28	17.40	17.27		
15	256QAM	36	0	17.24	17.37	17.36	19	0
15	256QAM	36	20	17.16	17.27	17.35		
15	256QAM	36	39	17.31	17.34	17.37		
15	256QAM	75	0	17.18	17.33	17.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.33	17.54	17.44	19	0
10	QPSK	1	25	17.46	17.43	17.38		
10	QPSK	1	49	17.34	17.32	17.35		
10	QPSK	25	0	17.20	17.40	17.30	19	0
10	QPSK	25	12	17.21	17.19	17.13		
10	QPSK	25	25	17.21	17.33	17.13		
10	QPSK	50	0	17.13	17.16	17.06		
10	16QAM	1	0	17.21	17.22	17.30	19	0
10	16QAM	1	25	17.18	17.12	17.18		
10	16QAM	1	49	17.19	17.14	17.20		
10	16QAM	25	0	17.33	17.28	17.23	19	0
10	16QAM	25	12	17.34	17.25	17.31		
10	16QAM	25	25	17.28	17.26	17.28		
10	16QAM	50	0	17.18	17.35	17.33		
10	64QAM	1	0	17.28	17.30	17.36	19	0
10	64QAM	1	25	17.19	17.26	17.30		
10	64QAM	1	49	17.25	17.42	17.39		
10	64QAM	25	0	17.33	17.33	17.33	19	0
10	64QAM	25	12	17.25	17.37	17.26		
10	64QAM	25	25	17.26	17.33	17.46		
10	64QAM	50	0	17.24	17.37	17.41		
10	256QAM	1	0	17.24	17.46	17.19	19	0
10	256QAM	1	25	17.10	17.50	17.21		
10	256QAM	1	49	17.28	17.25	17.31		
10	256QAM	25	0	17.28	17.45	17.25	19	0
10	256QAM	25	12	17.13	17.25	17.26		
10	256QAM	25	25	17.23	17.34	17.31		
10	256QAM	50	0	17.18	17.26	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.33	17.47	17.47	19	0
5	QPSK	1	12	17.45	17.48	17.34		
5	QPSK	1	24	17.26	17.41	17.35		
5	QPSK	12	0	17.21	17.35	17.33	19	0
5	QPSK	12	7	17.31	17.32	17.14		
5	QPSK	12	13	17.15	17.24	17.22		
5	QPSK	25	0	17.03	17.27	17.00		
5	16QAM	1	0	17.20	17.29	17.30	19	0
5	16QAM	1	12	17.21	17.20	17.25		
5	16QAM	1	24	17.18	17.17	17.27		
5	16QAM	12	0	17.33	17.23	17.21	19	0
5	16QAM	12	7	17.38	17.31	17.36		
5	16QAM	12	13	17.39	17.32	17.37		
5	16QAM	25	0	17.23	17.41	17.30		
5	64QAM	1	0	17.32	17.29	17.32	19	0
5	64QAM	1	12	17.17	17.20	17.40		
5	64QAM	1	24	17.27	17.43	17.30		
5	64QAM	12	0	17.23	17.35	17.31	19	0
5	64QAM	12	7	17.15	17.29	17.30		
5	64QAM	12	13	17.15	17.32	17.35		
5	64QAM	25	0	17.22	17.36	17.32		
5	256QAM	1	0	17.30	17.33	17.28	19	0
5	256QAM	1	12	17.23	17.46	17.30		
5	256QAM	1	24	17.30	17.31	17.26		
5	256QAM	12	0	17.32	17.45	17.31	19	0
5	256QAM	12	7	17.14	17.34	17.36		
5	256QAM	12	13	17.26	17.30	17.41		
5	256QAM	25	0	17.18	17.31	17.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.35	17.46	17.33	19	0
3	QPSK	1	8	17.34	17.40	17.34		
3	QPSK	1	14	17.31	17.43	17.39		
3	QPSK	8	0	17.14	17.42	17.24	19	0
3	QPSK	8	4	17.17	17.25	17.27		
3	QPSK	8	7	17.16	17.22	17.18		
3	QPSK	15	0	17.02	17.28	17.08		
3	16QAM	1	0	17.21	17.28	17.28	19	0
3	16QAM	1	8	17.25	17.21	17.24		
3	16QAM	1	14	17.16	17.12	17.17		
3	16QAM	8	0	17.27	17.29	17.26	19	0
3	16QAM	8	4	17.22	17.22	17.31		
3	16QAM	8	7	17.36	17.19	17.23		
3	16QAM	15	0	17.20	17.40	17.35		
3	64QAM	1	0	17.20	17.25	17.28	19	0
3	64QAM	1	8	17.22	17.30	17.32		
3	64QAM	1	14	17.24	17.33	17.24		
3	64QAM	8	0	17.24	17.30	17.23	19	0
3	64QAM	8	4	17.25	17.32	17.23		
3	64QAM	8	7	17.29	17.39	17.34		
3	64QAM	15	0	17.22	17.29	17.33		
3	256QAM	1	0	17.19	17.40	17.24	19	0
3	256QAM	1	8	17.20	17.41	17.34		
3	256QAM	1	14	17.37	17.34	17.26		
3	256QAM	8	0	17.20	17.44	17.30	19	0
3	256QAM	8	4	17.24	17.38	17.29		
3	256QAM	8	7	17.32	17.33	17.33		
3	256QAM	15	0	17.22	17.33	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.32	17.51	17.42	19	0
1.4	QPSK	1	3	17.45	17.37	17.33		
1.4	QPSK	1	5	17.38	17.41	17.27		
1.4	QPSK	3	0	17.16	17.36	17.24		
1.4	QPSK	3	1	17.23	17.25	17.22		
1.4	QPSK	3	3	17.23	17.27	17.15		
1.4	QPSK	6	0	17.15	17.20	17.13	19	0
1.4	16QAM	1	0	17.19	17.24	17.25	19	0
1.4	16QAM	1	3	17.13	17.13	17.23		
1.4	16QAM	1	5	17.09	17.23	17.25		
1.4	16QAM	3	0	17.23	17.30	17.21		
1.4	16QAM	3	1	17.25	17.24	17.30		
1.4	16QAM	3	3	17.24	17.25	17.26		
1.4	16QAM	6	0	17.18	17.33	17.30	19	0
1.4	64QAM	1	0	17.31	17.28	17.39	19	0
1.4	64QAM	1	3	17.25	17.33	17.33		
1.4	64QAM	1	5	17.31	17.36	17.24		
1.4	64QAM	3	0	17.31	17.34	17.28		
1.4	64QAM	3	1	17.20	17.32	17.30		
1.4	64QAM	3	3	17.18	17.40	17.41		
1.4	64QAM	6	0	17.32	17.40	17.32	19	0
1.4	256QAM	1	0	17.21	17.31	17.33	19	0
1.4	256QAM	1	3	17.24	17.49	17.20		
1.4	256QAM	1	5	17.36	17.30	17.26		
1.4	256QAM	3	0	17.27	17.36	17.35		
1.4	256QAM	3	1	17.20	17.28	17.35		
1.4	256QAM	3	3	17.29	17.33	17.26		
1.4	256QAM	6	0	17.18	17.39	17.26	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.95	17.12	17.07	18.5	0
20	QPSK	1	49	16.93	17.06	17.05		
20	QPSK	1	99	16.93	17.03	16.96		
20	QPSK	50	0	17.05	17.09	16.98	18.5	0
20	QPSK	50	24	16.89	16.84	16.85		
20	QPSK	50	50	16.87	16.84	16.86		
20	QPSK	100	0	16.71	17.03	16.65		
20	16QAM	1	0	16.83	16.87	16.88	18.5	0
20	16QAM	1	49	16.87	16.71	16.84		
20	16QAM	1	99	16.79	16.82	16.81		
20	16QAM	50	0	16.92	16.83	16.89	18.5	0
20	16QAM	50	24	16.91	16.83	16.95		
20	16QAM	50	50	16.93	16.91	17.00		
20	16QAM	100	0	16.85	16.97	16.98		
20	64QAM	1	0	16.83	16.87	17.01	18.5	0
20	64QAM	1	49	16.88	16.88	16.91		
20	64QAM	1	99	16.93	16.98	16.96		
20	64QAM	50	0	16.89	16.89	16.91	18.5	0
20	64QAM	50	24	16.90	16.85	16.87		
20	64QAM	50	50	16.80	17.06	17.00		
20	64QAM	100	0	16.97	16.91	17.04		
20	256QAM	1	0	16.89	16.98	16.96	18.5	0
20	256QAM	1	49	16.81	17.07	16.91		
20	256QAM	1	99	16.87	16.89	16.91		
20	256QAM	50	0	16.81	16.96	16.88	18.5	0
20	256QAM	50	24	16.75	16.90	16.96		
20	256QAM	50	50	16.90	16.97	17.02		
20	256QAM	100	0	16.90	16.93	16.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.91	17.00	16.95	18.5	0
15	QPSK	1	37	16.94	16.86	16.89		
15	QPSK	1	74	16.85	16.84	16.75		
15	QPSK	36	0	16.69	16.85	16.84	18.5	0
15	QPSK	36	20	16.81	16.74	16.79		
15	QPSK	36	39	16.77	16.82	16.68		
15	QPSK	75	0	16.58	16.73	16.59		
15	16QAM	1	0	16.69	16.75	16.87	18.5	0
15	16QAM	1	37	16.74	16.63	16.81		
15	16QAM	1	74	16.74	16.64	16.65		
15	16QAM	36	0	16.82	16.79	16.70	18.5	0
15	16QAM	36	20	16.84	16.73	16.92		
15	16QAM	36	39	16.84	16.69	16.76		
15	16QAM	75	0	16.69	16.92	16.76		
15	64QAM	1	0	16.77	16.78	16.88	18.5	0
15	64QAM	1	37	16.68	16.79	16.81		
15	64QAM	1	74	16.85	16.95	16.81		
15	64QAM	36	0	16.82	16.88	16.70	18.5	0
15	64QAM	36	20	16.80	16.84	16.80		
15	64QAM	36	39	16.66	16.94	16.96		
15	64QAM	75	0	16.72	16.89	16.79		
15	256QAM	1	0	16.83	16.89	16.78	18.5	0
15	256QAM	1	37	16.64	17.00	16.86		
15	256QAM	1	74	16.92	16.83	16.73		
15	256QAM	36	0	16.83	16.85	16.83	18.5	0
15	256QAM	36	20	16.73	16.77	16.81		
15	256QAM	36	39	16.84	16.78	16.78		
15	256QAM	75	0	16.76	16.91	16.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.93	17.06	16.91	18.5	0
10	QPSK	1	25	16.91	16.92	16.90		
10	QPSK	1	49	16.78	16.94	16.87		
10	QPSK	25	0	16.67	16.94	16.84	18.5	0
10	QPSK	25	12	16.70	16.77	16.71		
10	QPSK	25	25	16.73	16.72	16.61		
10	QPSK	50	0	16.65	16.77	16.57		
10	16QAM	1	0	16.66	16.70	16.81	18.5	0
10	16QAM	1	25	16.65	16.66	16.67		
10	16QAM	1	49	16.67	16.65	16.64		
10	16QAM	25	0	16.73	16.77	16.74	18.5	0
10	16QAM	25	12	16.83	16.70	16.91		
10	16QAM	25	25	16.75	16.81	16.87		
10	16QAM	50	0	16.72	16.85	16.89		
10	64QAM	1	0	16.81	16.84	16.85	18.5	0
10	64QAM	1	25	16.82	16.72	16.84		
10	64QAM	1	49	16.72	16.86	16.76		
10	64QAM	25	0	16.87	16.87	16.83	18.5	0
10	64QAM	25	12	16.69	16.85	16.70		
10	64QAM	25	25	16.79	16.81	16.96		
10	64QAM	50	0	16.74	16.82	16.89		
10	256QAM	1	0	16.77	16.98	16.81	18.5	0
10	256QAM	1	25	16.76	16.97	16.84		
10	256QAM	1	49	16.84	16.83	16.87		
10	256QAM	25	0	16.85	16.82	16.77	18.5	0
10	256QAM	25	12	16.71	16.81	16.74		
10	256QAM	25	25	16.75	16.80	16.78		
10	256QAM	50	0	16.70	16.81	16.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.92	16.96	16.90	18.5	0
5	QPSK	1	12	16.99	16.90	16.84		
5	QPSK	1	24	16.91	16.93	16.88		
5	QPSK	12	0	16.74	16.90	16.72	18.5	0
5	QPSK	12	7	16.68	16.85	16.70		
5	QPSK	12	13	16.72	16.79	16.68		
5	QPSK	25	0	16.55	16.77	16.59		
5	16QAM	1	0	16.65	16.75	16.74	18.5	0
5	16QAM	1	12	16.71	16.71	16.70		
5	16QAM	1	24	16.71	16.73	16.75		
5	16QAM	12	0	16.75	16.66	16.82	18.5	0
5	16QAM	12	7	16.76	16.72	16.83		
5	16QAM	12	13	16.78	16.82	16.83		
5	16QAM	25	0	16.72	16.92	16.77		
5	64QAM	1	0	16.69	16.72	16.79	18.5	0
5	64QAM	1	12	16.74	16.78	16.83		
5	64QAM	1	24	16.78	16.92	16.86		
5	64QAM	12	0	16.78	16.83	16.73	18.5	0
5	64QAM	12	7	16.82	16.74	16.71		
5	64QAM	12	13	16.69	16.82	16.93		
5	64QAM	25	0	16.73	16.90	16.85		
5	256QAM	1	0	16.83	16.89	16.72	18.5	0
5	256QAM	1	12	16.74	16.94	16.71		
5	256QAM	1	24	16.89	16.76	16.76		
5	256QAM	12	0	16.71	16.87	16.79	18.5	0
5	256QAM	12	7	16.70	16.89	16.82		
5	256QAM	12	13	16.69	16.88	16.83		
5	256QAM	25	0	16.80	16.75	16.88		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.90	17.00	16.83	18.5	0
3	QPSK	1	8	16.85	16.89	16.86		
3	QPSK	1	14	16.84	16.91	16.90		
3	QPSK	8	0	16.75	16.87	16.76	18.5	0
3	QPSK	8	4	16.80	16.79	16.75		
3	QPSK	8	7	16.66	16.86	16.77		
3	QPSK	15	0	16.56	16.71	16.59		
3	16QAM	1	0	16.67	16.74	16.79	18.5	0
3	16QAM	1	8	16.74	16.67	16.83		
3	16QAM	1	14	16.73	16.74	16.71		
3	16QAM	8	0	16.85	16.74	16.79	18.5	0
3	16QAM	8	4	16.76	16.73	16.88		
3	16QAM	8	7	16.77	16.82	16.82		
3	16QAM	15	0	16.64	16.83	16.78		
3	64QAM	1	0	16.80	16.72	16.90	18.5	0
3	64QAM	1	8	16.81	16.82	16.86		
3	64QAM	1	14	16.78	16.90	16.83		
3	64QAM	8	0	16.88	16.89	16.83	18.5	0
3	64QAM	8	4	16.82	16.77	16.71		
3	64QAM	8	7	16.65	16.89	16.82		
3	64QAM	15	0	16.74	16.79	16.90		
3	256QAM	1	0	16.82	16.96	16.77	18.5	0
3	256QAM	1	8	16.62	16.96	16.72		
3	256QAM	1	14	16.85	16.86	16.85		
3	256QAM	8	0	16.71	16.84	16.88	18.5	0
3	256QAM	8	4	16.74	16.79	16.80		
3	256QAM	8	7	16.80	16.77	16.92		
3	256QAM	15	0	16.74	16.84	16.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.93	17.03	16.88	18.5	0
1.4	QPSK	1	3	16.99	16.99	16.97		
1.4	QPSK	1	5	16.86	16.91	16.75		
1.4	QPSK	3	0	16.68	16.97	16.70		
1.4	QPSK	3	1	16.68	16.72	16.74		
1.4	QPSK	3	3	16.71	16.79	16.67		
1.4	QPSK	6	0	16.57	16.80	16.63	18.5	0
1.4	16QAM	1	0	16.64	16.69	16.85	18.5	0
1.4	16QAM	1	3	16.74	16.74	16.83		
1.4	16QAM	1	5	16.62	16.69	16.75		
1.4	16QAM	3	0	16.81	16.71	16.76		
1.4	16QAM	3	1	16.75	16.74	16.95		
1.4	16QAM	3	3	16.84	16.81	16.81		
1.4	16QAM	6	0	16.65	16.85	16.76	18.5	0
1.4	64QAM	1	0	16.82	16.84	16.87	18.5	0
1.4	64QAM	1	3	16.77	16.81	16.78		
1.4	64QAM	1	5	16.78	16.96	16.78		
1.4	64QAM	3	0	16.87	16.85	16.70		
1.4	64QAM	3	1	16.69	16.76	16.72		
1.4	64QAM	3	3	16.68	16.90	16.86		
1.4	64QAM	6	0	16.84	16.86	16.93	18.5	0
1.4	256QAM	1	0	16.72	16.90	16.73	18.5	0
1.4	256QAM	1	3	16.74	16.90	16.80		
1.4	256QAM	1	5	16.86	16.78	16.78		
1.4	256QAM	3	0	16.79	16.89	16.80		
1.4	256QAM	3	1	16.68	16.83	16.85		
1.4	256QAM	3	3	16.74	16.81	16.85		
1.4	256QAM	6	0	16.75	16.79	16.88	18.5	0

Reduced Power Mode for Other PA ECI4

Band 5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.20	25.24	25.21	25.7	0
10	QPSK	1	25	25.18	25.23	25.20		
10	QPSK	1	49	25.21	25.14	25.22		
10	QPSK	25	0	24.41	24.45	24.37	24.7	1
10	QPSK	25	12	24.29	24.35	24.24		
10	QPSK	25	25	24.31	24.35	24.27		
10	QPSK	50	0	24.18	24.25	24.12		
10	16QAM	1	0	24.17	24.29	24.30	24.7	1
10	16QAM	1	25	23.98	24.14	24.09		
10	16QAM	1	49	23.93	24.08	24.27		
10	16QAM	25	0	23.20	23.20	23.16	23.7	2
10	16QAM	25	12	23.00	23.14	23.05		
10	16QAM	25	25	23.02	23.17	23.14		
10	16QAM	50	0	23.22	23.35	23.30		
10	64QAM	1	0	23.06	23.17	23.01	23.7	2
10	64QAM	1	25	23.09	23.15	22.95		
10	64QAM	1	49	22.90	23.16	22.83		
10	64QAM	25	0	22.20	22.24	22.27	22.7	3
10	64QAM	25	12	22.15	22.28	22.14		
10	64QAM	25	25	22.13	22.22	22.23		
10	64QAM	50	0	22.24	22.29	22.29		
10	256QAM	1	0	20.08	20.26	20.04	20.7	5
10	256QAM	1	25	20.08	20.10	19.89		
10	256QAM	1	49	20.05	20.08	19.93		
10	256QAM	25	0	20.21	20.24	20.14	20.7	5
10	256QAM	25	12	20.09	20.10	20.13		
10	256QAM	25	25	20.00	20.23	20.02		
10	256QAM	50	0	20.22	20.28	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.08	25.16	25.19	25.7	0
5	QPSK	1	12	25.03	25.10	25.07		
5	QPSK	1	24	25.19	25.07	25.10		
5	QPSK	12	0	24.26	24.38	24.22	24.7	1
5	QPSK	12	7	24.16	24.23	24.15		
5	QPSK	12	13	24.23	24.22	24.21		
5	QPSK	25	0	24.06	24.11	24.06		
5	16QAM	1	0	24.00	24.11	24.19	24.7	1
5	16QAM	1	12	23.82	24.00	24.05		
5	16QAM	1	24	23.79	23.98	24.23		
5	16QAM	12	0	23.11	23.09	23.10	23.7	2
5	16QAM	12	7	22.85	23.02	22.98		
5	16QAM	12	13	22.85	23.10	23.01		
5	16QAM	25	0	23.11	23.22	23.19		
5	64QAM	1	0	22.99	23.07	22.86	23.7	2
5	64QAM	1	12	22.91	23.11	22.83		
5	64QAM	1	24	22.77	23.12	22.79		
5	64QAM	12	0	22.12	22.15	22.22	22.7	3
5	64QAM	12	7	22.13	22.15	22.03		
5	64QAM	12	13	21.99	22.04	22.08		
5	64QAM	25	0	22.14	22.14	22.24		
5	256QAM	1	0	20.04	20.10	19.99	20.7	5
5	256QAM	1	12	19.92	19.95	19.84		
5	256QAM	1	24	19.90	19.93	19.80		
5	256QAM	12	0	20.16	20.22	20.00	20.7	5
5	256QAM	12	7	19.93	20.00	20.02		
5	256QAM	12	13	19.85	20.15	19.99		
5	256QAM	25	0	20.14	20.16	20.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.02	25.09	25.13	25.7	0
3	QPSK	1	8	25.09	25.01	25.02		
3	QPSK	1	14	25.11	24.94	25.10		
3	QPSK	8	0	24.29	24.26	24.25	24.7	1
3	QPSK	8	4	24.16	24.23	24.14		
3	QPSK	8	7	24.10	24.28	24.14		
3	QPSK	15	0	23.98	24.09	23.96		
3	16QAM	1	0	24.06	24.08	24.09	24.7	1
3	16QAM	1	8	23.83	23.97	23.92		
3	16QAM	1	14	23.83	23.95	24.05		
3	16QAM	8	0	23.07	23.10	22.93	23.7	2
3	16QAM	8	4	22.79	22.97	22.91		
3	16QAM	8	7	22.87	23.04	22.96		
3	16QAM	15	0	22.99	23.27	23.23		
3	64QAM	1	0	22.95	22.99	22.91	23.7	2
3	64QAM	1	8	22.94	22.93	22.78		
3	64QAM	1	14	22.82	23.04	22.71		
3	64QAM	8	0	22.07	22.04	22.15	22.7	3
3	64QAM	8	4	21.93	22.18	22.04		
3	64QAM	8	7	21.91	22.13	22.01		
3	64QAM	15	0	22.12	22.18	22.22		
3	256QAM	1	0	19.87	20.18	19.95	20.7	5
3	256QAM	1	8	19.86	19.96	19.70		
3	256QAM	1	14	19.82	19.98	19.71		
3	256QAM	8	0	20.03	20.02	20.01	20.7	5
3	256QAM	8	4	19.96	19.90	19.97		
3	256QAM	8	7	19.87	20.11	19.82		
3	256QAM	15	0	20.09	20.10	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.98	25.04	25.09	25.7	0
1.4	QPSK	1	3	24.93	24.98	25.10		
1.4	QPSK	1	5	25.09	24.96	25.01		
1.4	QPSK	3	0	25.05	25.07	25.00		
1.4	QPSK	3	1	24.99	25.09	25.06		
1.4	QPSK	3	3	25.03	24.89	24.98		
1.4	QPSK	6	0	24.26	24.31	24.20	24.7	1
1.4	16QAM	1	0	24.18	24.18	24.01	24.7	1
1.4	16QAM	1	3	24.08	24.13	24.05		
1.4	16QAM	1	5	24.01	24.11	23.89		
1.4	16QAM	3	0	23.97	24.18	24.12		
1.4	16QAM	3	1	23.75	23.92	23.89		
1.4	16QAM	3	3	23.82	23.90	24.05		
1.4	16QAM	6	0	23.06	23.03	22.98	23.7	2
1.4	64QAM	1	0	22.85	22.90	22.92	23.7	2
1.4	64QAM	1	3	22.76	23.03	23.03		
1.4	64QAM	1	5	23.03	23.15	23.14		
1.4	64QAM	3	0	22.88	23.07	22.75		
1.4	64QAM	3	1	22.90	22.94	22.83		
1.4	64QAM	3	3	22.78	22.92	22.64		
1.4	64QAM	6	0	21.96	22.07	22.06	22.7	3
1.4	256QAM	1	0	19.97	20.04	19.79	20.7	5
1.4	256QAM	1	3	19.97	19.97	19.89		
1.4	256QAM	1	5	19.91	19.91	19.70		
1.4	256QAM	3	0	19.96	20.09	19.94		
1.4	256QAM	3	1	19.89	19.93	20.00		
1.4	256QAM	3	3	19.82	20.09	19.89		
1.4	256QAM	6	0	20.05	20.07	20.02	20.7	5

Band 5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	25.33	25.41	25.18	25.7	0
10	QPSK	1	25	25.33	25.39	25.28		
10	QPSK	1	49	25.32	25.22	25.22		
10	QPSK	25	0	24.44	24.58	24.45	24.7	1
10	QPSK	25	12	24.34	24.51	24.34		
10	QPSK	25	25	24.31	24.49	24.40		
10	QPSK	50	0	24.18	24.26	24.14		
10	16QAM	1	0	24.33	24.27	24.41	24.7	1
10	16QAM	1	25	24.00	24.22	24.03		
10	16QAM	1	49	24.00	24.18	24.31		
10	16QAM	25	0	23.20	23.22	23.24	23.7	2
10	16QAM	25	12	23.09	23.13	23.19		
10	16QAM	25	25	23.12	23.27	23.23		
10	16QAM	50	0	23.30	23.53	23.40		
10	64QAM	1	0	23.08	23.24	23.12	23.7	2
10	64QAM	1	25	23.02	23.22	23.06		
10	64QAM	1	49	22.98	23.34	22.93		
10	64QAM	25	0	22.14	22.36	22.38	22.7	3
10	64QAM	25	12	22.10	22.29	22.17		
10	64QAM	25	25	22.17	22.25	22.20		
10	64QAM	50	0	22.27	22.45	22.38		
10	256QAM	1	0	20.16	20.33	20.07	20.7	5
10	256QAM	1	25	20.10	20.19	19.88		
10	256QAM	1	49	20.06	20.09	20.02		
10	256QAM	25	0	20.26	20.27	20.24	20.7	5
10	256QAM	25	12	20.25	20.23	20.14		
10	256QAM	25	25	19.97	20.34	20.13		
10	256QAM	50	0	20.30	20.34	20.24		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.26	25.31	25.07	25.7	0
5	QPSK	1	12	25.30	25.32	25.22		
5	QPSK	1	24	25.28	25.12	25.13		
5	QPSK	12	0	24.40	24.40	24.33	24.7	1
5	QPSK	12	7	24.22	24.36	24.31		
5	QPSK	12	13	24.27	24.40	24.32		
5	QPSK	25	0	24.00	24.15	24.00		
5	16QAM	1	0	24.17	24.11	24.34	24.7	1
5	16QAM	1	12	23.91	24.10	23.88		
5	16QAM	1	24	23.84	24.10	24.17		
5	16QAM	12	0	23.14	23.15	23.18	23.7	2
5	16QAM	12	7	23.00	23.01	23.09		
5	16QAM	12	13	22.95	23.22	23.10		
5	16QAM	25	0	23.28	23.47	23.29		
5	64QAM	1	0	23.05	23.21	22.97	23.7	2
5	64QAM	1	12	22.95	23.16	22.90		
5	64QAM	1	24	22.95	23.22	22.85		
5	64QAM	12	0	22.11	22.22	22.34	22.7	3
5	64QAM	12	7	22.07	22.22	22.08		
5	64QAM	12	13	22.05	22.20	22.13		
5	64QAM	25	0	22.10	22.40	22.35		
5	256QAM	1	0	20.08	20.25	19.97	20.7	5
5	256QAM	1	12	19.99	20.07	19.79		
5	256QAM	1	24	19.89	20.05	19.90		
5	256QAM	12	0	20.10	20.25	20.17	20.7	5
5	256QAM	12	7	20.10	20.08	19.99		
5	256QAM	12	13	19.91	20.32	20.10		
5	256QAM	25	0	20.15	20.31	20.20		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.26	25.26	25.08	25.7	0
3	QPSK	1	8	25.21	25.25	25.17		
3	QPSK	1	14	25.17	25.06	25.11		
3	QPSK	8	0	24.25	24.49	24.39	24.7	1
3	QPSK	8	4	24.23	24.42	24.29		
3	QPSK	8	7	24.13	24.28	24.32		
3	QPSK	15	0	24.01	24.13	23.99		
3	16QAM	1	0	24.22	24.07	24.28	24.7	1
3	16QAM	1	8	23.84	24.02	23.86		
3	16QAM	1	14	23.92	24.00	24.25		
3	16QAM	8	0	23.14	23.13	23.04	23.7	2
3	16QAM	8	4	22.96	23.05	23.02		
3	16QAM	8	7	23.04	23.14	23.03		
3	16QAM	15	0	23.09	23.46	23.32		
3	64QAM	1	0	22.89	23.18	22.88	23.7	2
3	64QAM	1	8	22.84	23.08	22.95		
3	64QAM	1	14	22.93	23.20	22.87		
3	64QAM	8	0	22.05	22.17	22.19	22.7	3
3	64QAM	8	4	22.02	22.18	22.05		
3	64QAM	8	7	22.04	22.20	22.03		
3	64QAM	15	0	22.10	22.30	22.17		
3	256QAM	1	0	19.97	20.21	19.98	20.7	5
3	256QAM	1	8	19.97	20.09	19.79		
3	256QAM	1	14	19.90	20.00	19.94		
3	256QAM	8	0	20.10	20.15	20.19	20.7	5
3	256QAM	8	4	20.09	20.16	19.95		
3	256QAM	8	7	19.88	20.14	20.08		
3	256QAM	15	0	20.11	20.28	20.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.19	25.25	25.09	25.7	0
1.4	QPSK	1	3	25.17	25.19	25.22		
1.4	QPSK	1	5	25.18	25.03	25.15		
1.4	QPSK	3	0	25.25	25.32	25.01		
1.4	QPSK	3	1	25.24	25.27	25.09		
1.4	QPSK	3	3	25.22	25.12	25.02		
1.4	QPSK	6	0	24.33	24.51	24.34	24.7	1
1.4	16QAM	1	0	24.26	24.34	24.20	24.7	1
1.4	16QAM	1	3	24.19	24.34	24.28		
1.4	16QAM	1	5	24.10	24.11	24.00		
1.4	16QAM	3	0	24.28	24.12	24.29		
1.4	16QAM	3	1	23.83	24.15	23.86		
1.4	16QAM	3	3	23.85	24.10	24.18		
1.4	16QAM	6	0	23.15	23.15	23.06	23.7	2
1.4	64QAM	1	0	22.96	22.98	23.14	23.7	2
1.4	64QAM	1	3	23.06	23.19	23.13		
1.4	64QAM	1	5	23.16	23.35	23.29		
1.4	64QAM	3	0	23.01	23.18	23.05		
1.4	64QAM	3	1	22.84	23.07	22.92		
1.4	64QAM	3	3	22.87	23.26	22.84		
1.4	64QAM	6	0	21.91	22.10	22.06	22.7	3
1.4	256QAM	1	0	20.04	20.13	19.88	20.7	5
1.4	256QAM	1	3	20.01	20.13	19.69		
1.4	256QAM	1	5	19.91	20.04	19.97		
1.4	256QAM	3	0	20.20	20.08	20.12		
1.4	256QAM	3	1	20.16	20.06	19.98		
1.4	256QAM	3	3	19.78	20.15	20.01		
1.4	256QAM	6	0	20.09	20.16	20.06	20.7	5

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.12	18.37	18.31	19.5	0
20	QPSK	1	49	18.24	18.21	18.23		
20	QPSK	1	99	18.18	18.16	18.22		
20	QPSK	50	0	18.29	18.31	18.26	19.5	0
20	QPSK	50	24	18.06	18.02	18.10		
20	QPSK	50	50	18.07	18.03	18.03		
20	QPSK	100	0	18.21	18.29	18.05		
20	16QAM	1	0	18.01	18.00	18.11	19.5	0
20	16QAM	1	49	17.98	18.07	18.13		
20	16QAM	1	99	17.96	18.06	17.98		
20	16QAM	50	0	18.14	18.12	18.10	19.5	0
20	16QAM	50	24	18.21	18.13	18.25		
20	16QAM	50	50	18.22	18.11	18.17		
20	16QAM	100	0	18.10	18.26	18.11		
20	64QAM	1	0	18.12	18.15	18.11	19.5	0
20	64QAM	1	49	18.16	18.08	18.12		
20	64QAM	1	99	18.15	18.29	18.15		
20	64QAM	50	0	18.14	18.25	18.02	19.5	0
20	64QAM	50	24	18.08	18.13	17.98		
20	64QAM	50	50	18.08	18.28	18.27		
20	64QAM	100	0	18.12	18.19	18.12		
20	256QAM	1	0	18.06	18.16	18.07	19.5	0
20	256QAM	1	49	18.09	18.35	18.08		
20	256QAM	1	99	18.19	18.18	18.20		
20	256QAM	50	0	18.07	18.16	18.11	19.5	0
20	256QAM	50	24	18.07	18.12	18.13		
20	256QAM	50	50	18.10	18.21	18.18		
20	256QAM	100	0	18.06	18.11	18.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.16	18.19	18.16	19.5	0
15	QPSK	1	37	18.07	18.22	18.08		
15	QPSK	1	74	18.01	18.15	18.02		
15	QPSK	36	0	17.99	18.05	18.03	19.5	0
15	QPSK	36	20	17.91	18.03	17.98		
15	QPSK	36	39	17.89	18.08	17.91		
15	QPSK	75	0	17.85	18.04	17.80		
15	16QAM	1	0	17.83	17.95	18.00	19.5	0
15	16QAM	1	37	17.89	17.86	17.98		
15	16QAM	1	74	17.92	17.84	18.00		
15	16QAM	36	0	18.02	18.03	18.01	19.5	0
15	16QAM	36	20	18.02	18.01	18.07		
15	16QAM	36	39	18.14	17.93	18.10		
15	16QAM	75	0	17.88	18.19	18.14		
15	64QAM	1	0	18.05	17.98	18.00	19.5	0
15	64QAM	1	37	18.02	17.94	18.01		
15	64QAM	1	74	18.08	18.13	18.00		
15	64QAM	36	0	18.03	18.01	17.97	19.5	0
15	64QAM	36	20	18.04	17.99	17.94		
15	64QAM	36	39	17.95	18.16	18.11		
15	64QAM	75	0	17.96	18.12	18.16		
15	256QAM	1	0	17.96	18.14	17.96	19.5	0
15	256QAM	1	37	17.85	18.26	18.00		
15	256QAM	1	74	18.10	18.08	18.00		
15	256QAM	36	0	17.98	18.07	18.02	19.5	0
15	256QAM	36	20	17.94	18.13	18.12		
15	256QAM	36	39	17.91	18.03	18.01		
15	256QAM	75	0	17.99	17.98	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.03	18.20	18.16	19.5	0
10	QPSK	1	25	18.15	18.09	18.15		
10	QPSK	1	49	18.05	18.15	18.03		
10	QPSK	25	0	17.89	18.18	18.05	19.5	0
10	QPSK	25	12	17.97	18.02	17.96		
10	QPSK	25	25	17.91	18.04	17.90		
10	QPSK	50	0	17.85	17.91	17.82		
10	16QAM	1	0	17.96	17.99	18.02	19.5	0
10	16QAM	1	25	17.86	17.85	17.95		
10	16QAM	1	49	17.95	17.97	17.91		
10	16QAM	25	0	17.96	17.90	18.00	19.5	0
10	16QAM	25	12	18.07	17.93	18.02		
10	16QAM	25	25	18.05	17.99	17.97		
10	16QAM	50	0	17.99	18.05	18.01		
10	64QAM	1	0	18.01	17.97	18.02	19.5	0
10	64QAM	1	25	17.92	18.01	18.10		
10	64QAM	1	49	18.05	18.11	18.08		
10	64QAM	25	0	18.00	18.13	17.96	19.5	0
10	64QAM	25	12	18.00	18.02	17.88		
10	64QAM	25	25	17.96	18.04	18.18		
10	64QAM	50	0	18.08	18.10	18.02		
10	256QAM	1	0	18.06	18.17	17.96	19.5	0
10	256QAM	1	25	17.87	18.18	18.01		
10	256QAM	1	49	18.05	18.08	18.08		
10	256QAM	25	0	17.94	18.19	17.99	19.5	0
10	256QAM	25	12	18.00	18.06	18.09		
10	256QAM	25	25	18.04	18.07	18.01		
10	256QAM	50	0	17.98	18.13	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.12	18.27	18.11	19.5	0
5	QPSK	1	12	18.14	18.11	18.16		
5	QPSK	1	24	18.07	18.05	18.04		
5	QPSK	12	0	17.87	18.20	17.97	19.5	0
5	QPSK	12	7	18.02	17.93	17.94		
5	QPSK	12	13	17.89	18.04	17.96		
5	QPSK	25	0	17.80	17.96	17.72		
5	16QAM	1	0	17.97	17.90	18.04	19.5	0
5	16QAM	1	12	17.87	17.94	17.93		
5	16QAM	1	24	17.90	17.87	17.92		
5	16QAM	12	0	17.97	17.99	17.93	19.5	0
5	16QAM	12	7	18.10	17.91	18.17		
5	16QAM	12	13	18.13	18.02	18.01		
5	16QAM	25	0	17.98	18.07	18.00		
5	64QAM	1	0	17.93	18.06	18.07	19.5	0
5	64QAM	1	12	18.04	18.05	18.09		
5	64QAM	1	24	18.04	18.18	18.00		
5	64QAM	12	0	18.09	18.15	17.99	19.5	0
5	64QAM	12	7	17.91	17.95	17.93		
5	64QAM	12	13	17.87	18.14	18.20		
5	64QAM	25	0	18.05	18.05	18.12		
5	256QAM	1	0	17.95	18.10	17.99	19.5	0
5	256QAM	1	12	17.97	18.12	18.06		
5	256QAM	1	24	18.12	18.04	18.00		
5	256QAM	12	0	17.94	18.07	18.12	19.5	0
5	256QAM	12	7	17.84	18.00	18.07		
5	256QAM	12	13	18.01	18.01	18.09		
5	256QAM	25	0	17.92	18.08	17.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.18	18.17	19.5	0
3	QPSK	1	8	18.09	18.10	18.13		
3	QPSK	1	14	18.04	18.07	18.11		
3	QPSK	8	0	18.00	18.13	18.07	19.5	0
3	QPSK	8	4	18.06	18.02	17.99		
3	QPSK	8	7	17.98	17.95	17.86		
3	QPSK	15	0	17.87	17.92	17.81		
3	16QAM	1	0	17.92	18.05	18.04	19.5	0
3	16QAM	1	8	17.90	17.89	17.97		
3	16QAM	1	14	17.89	17.96	17.97		
3	16QAM	8	0	17.99	17.93	17.97	19.5	0
3	16QAM	8	4	18.05	17.97	18.08		
3	16QAM	8	7	18.00	18.05	18.08		
3	16QAM	15	0	17.88	18.08	17.98		
3	64QAM	1	0	17.92	18.01	18.03	19.5	0
3	64QAM	1	8	17.97	17.96	18.12		
3	64QAM	1	14	18.05	18.15	18.09		
3	64QAM	8	0	18.01	18.15	17.93	19.5	0
3	64QAM	8	4	17.94	18.05	17.89		
3	64QAM	8	7	18.02	18.05	18.07		
3	64QAM	15	0	18.06	18.03	18.01		
3	256QAM	1	0	17.93	18.20	18.00	19.5	0
3	256QAM	1	8	17.94	18.19	17.99		
3	256QAM	1	14	18.01	17.99	18.10		
3	256QAM	8	0	18.07	18.06	18.11	19.5	0
3	256QAM	8	4	17.94	18.04	18.09		
3	256QAM	8	7	17.91	18.10	18.12		
3	256QAM	15	0	18.06	18.00	17.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.02	18.30	18.11	19.5	0
1.4	QPSK	1	3	18.12	18.20	18.13		
1.4	QPSK	1	5	18.15	18.09	18.03		
1.4	QPSK	3	0	18.00	18.13	17.98		
1.4	QPSK	3	1	17.95	18.04	17.93		
1.4	QPSK	3	3	17.97	18.01	17.85		
1.4	QPSK	6	0	17.81	18.02	17.79	19.5	0
1.4	16QAM	1	0	17.98	17.92	18.03	19.5	0
1.4	16QAM	1	3	17.98	17.89	17.96		
1.4	16QAM	1	5	17.90	17.95	17.96		
1.4	16QAM	3	0	18.02	17.92	17.97		
1.4	16QAM	3	1	17.99	17.93	18.14		
1.4	16QAM	3	3	18.09	18.04	18.04		
1.4	16QAM	6	0	18.02	18.15	18.13	19.5	0
1.4	64QAM	1	0	18.08	18.01	18.13	19.5	0
1.4	64QAM	1	3	17.90	17.97	18.10		
1.4	64QAM	1	5	18.08	18.12	18.03		
1.4	64QAM	3	0	18.04	18.09	17.95		
1.4	64QAM	3	1	17.95	18.08	18.01		
1.4	64QAM	3	3	18.02	18.11	18.08		
1.4	64QAM	6	0	17.96	18.09	18.12	19.5	0
1.4	256QAM	1	0	18.01	18.11	17.96	19.5	0
1.4	256QAM	1	3	17.96	18.24	18.05		
1.4	256QAM	1	5	18.15	18.08	17.97		
1.4	256QAM	3	0	18.02	18.19	18.02		
1.4	256QAM	3	1	17.96	18.06	18.03		
1.4	256QAM	3	3	18.00	18.08	18.15		
1.4	256QAM	6	0	17.96	18.01	18.00	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.35	18.26	19.2	0
20	QPSK	1	49	18.31	18.19	18.20		
20	QPSK	1	99	18.15	18.26	18.10		
20	QPSK	50	0	18.04	18.27	18.05	19.2	0
20	QPSK	50	24	18.13	18.17	18.04		
20	QPSK	50	50	17.98	18.10	17.95		
20	QPSK	100	0	18.03	18.19	18.06		
20	16QAM	1	0	18.01	18.07	18.11	19.2	0
20	16QAM	1	49	17.99	18.01	18.04		
20	16QAM	1	99	18.05	18.01	18.05		
20	16QAM	50	0	18.05	18.02	18.04	19.2	0
20	16QAM	50	24	18.11	18.15	18.19		
20	16QAM	50	50	18.18	18.03	18.10		
20	16QAM	100	0	17.99	18.30	18.24		
20	64QAM	1	0	18.05	18.13	18.25	19.2	0
20	64QAM	1	49	18.11	18.03	18.18		
20	64QAM	1	99	18.16	18.32	18.10		
20	64QAM	50	0	18.15	18.15	18.11	19.2	0
20	64QAM	50	24	18.05	18.05	17.98		
20	64QAM	50	50	18.04	18.20	18.25		
20	64QAM	100	0	18.13	18.11	18.20		
20	256QAM	1	0	18.03	18.17	18.09	19.2	0
20	256QAM	1	49	17.95	18.28	18.16		
20	256QAM	1	99	18.19	18.14	18.09		
20	256QAM	50	0	18.10	18.17	18.09	19.2	0
20	256QAM	50	24	18.02	18.22	18.18		
20	256QAM	50	50	18.01	18.07	18.24		
20	256QAM	100	0	18.01	18.12	18.23		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.03	18.30	18.10	19.2	0
15	QPSK	1	37	18.15	18.18	18.20		
15	QPSK	1	74	18.10	18.09	18.02		
15	QPSK	36	0	17.95	18.13	18.08	19.2	0
15	QPSK	36	20	17.97	17.93	17.88		
15	QPSK	36	39	17.99	17.98	17.84		
15	QPSK	75	0	17.75	17.98	17.81		
15	16QAM	1	0	17.96	17.93	18.01	19.2	0
15	16QAM	1	37	17.93	17.99	17.99		
15	16QAM	1	74	17.86	17.96	17.87		
15	16QAM	36	0	18.06	18.00	18.01	19.2	0
15	16QAM	36	20	18.10	18.01	18.06		
15	16QAM	36	39	18.00	17.92	18.13		
15	16QAM	75	0	17.99	18.16	18.06		
15	64QAM	1	0	17.96	17.98	18.15	19.2	0
15	64QAM	1	37	17.95	17.92	18.10		
15	64QAM	1	74	18.01	18.09	18.03		
15	64QAM	36	0	17.98	18.16	17.96	19.2	0
15	64QAM	36	20	18.03	18.05	18.00		
15	64QAM	36	39	17.91	18.09	18.16		
15	64QAM	75	0	17.97	18.11	18.08		
15	256QAM	1	0	18.05	18.12	18.04	19.2	0
15	256QAM	1	37	17.94	18.22	18.03		
15	256QAM	1	74	18.15	18.10	18.02		
15	256QAM	36	0	17.99	18.14	17.98	19.2	0
15	256QAM	36	20	17.88	18.00	18.11		
15	256QAM	36	39	17.95	18.12	18.10		
15	256QAM	75	0	17.97	18.04	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.05	18.25	18.06	19.2	0
10	QPSK	1	25	18.17	18.18	18.09		
10	QPSK	1	49	18.06	18.10	18.02		
10	QPSK	25	0	17.90	18.13	17.97	19.2	0
10	QPSK	25	12	17.94	18.03	17.98		
10	QPSK	25	25	17.88	18.08	17.99		
10	QPSK	50	0	17.87	17.91	17.71		
10	16QAM	1	0	17.91	17.94	18.10	19.2	0
10	16QAM	1	25	18.01	17.97	18.04		
10	16QAM	1	49	17.94	17.85	17.96		
10	16QAM	25	0	18.10	18.03	17.92	19.2	0
10	16QAM	25	12	18.00	17.96	18.02		
10	16QAM	25	25	18.04	18.08	17.98		
10	16QAM	50	0	17.89	18.10	17.99		
10	64QAM	1	0	17.99	17.96	18.05	19.2	0
10	64QAM	1	25	17.97	17.96	18.11		
10	64QAM	1	49	17.95	18.14	18.11		
10	64QAM	25	0	17.97	18.06	18.05	19.2	0
10	64QAM	25	12	17.96	18.03	17.92		
10	64QAM	25	25	17.89	18.09	18.06		
10	64QAM	50	0	18.10	18.14	18.13		
10	256QAM	1	0	18.05	18.16	18.07	19.2	0
10	256QAM	1	25	17.90	18.15	18.02		
10	256QAM	1	49	18.04	18.07	18.09		
10	256QAM	25	0	17.96	18.07	18.05	19.2	0
10	256QAM	25	12	17.95	18.11	18.13		
10	256QAM	25	25	18.03	18.02	18.02		
10	256QAM	50	0	17.96	18.09	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.15	18.17	18.07	19.2	0
5	QPSK	1	12	18.12	18.09	18.09		
5	QPSK	1	24	18.15	18.14	17.99		
5	QPSK	12	0	17.97	18.16	17.98	19.2	0
5	QPSK	12	7	17.91	18.07	17.92		
5	QPSK	12	13	17.95	18.00	17.84		
5	QPSK	25	0	17.76	17.90	17.75		
5	16QAM	1	0	17.90	17.91	18.05	19.2	0
5	16QAM	1	12	17.94	17.96	18.03		
5	16QAM	1	24	17.93	17.95	17.94		
5	16QAM	12	0	18.06	17.91	17.91	19.2	0
5	16QAM	12	7	18.06	17.99	18.11		
5	16QAM	12	13	18.12	17.98	17.99		
5	16QAM	25	0	17.98	18.18	18.01		
5	64QAM	1	0	18.00	17.92	18.04	19.2	0
5	64QAM	1	12	17.93	18.00	18.05		
5	64QAM	1	24	17.96	18.21	18.07		
5	64QAM	12	0	18.11	18.14	17.99	19.2	0
5	64QAM	12	7	18.04	18.05	17.97		
5	64QAM	12	13	17.97	18.05	18.14		
5	64QAM	25	0	18.01	18.06	18.02		
5	256QAM	1	0	17.96	18.13	18.00	19.2	0
5	256QAM	1	12	17.96	18.16	17.96		
5	256QAM	1	24	18.05	18.00	18.06		
5	256QAM	12	0	17.98	18.19	18.08	19.2	0
5	256QAM	12	7	17.85	18.00	18.13		
5	256QAM	12	13	17.93	18.08	18.04		
5	256QAM	25	0	17.97	18.02	18.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.15	18.18	18.15	19.2	0
3	QPSK	1	8	18.14	18.17	18.09		
3	QPSK	1	14	18.01	18.18	18.04		
3	QPSK	8	0	17.88	18.14	18.08	19.2	0
3	QPSK	8	4	18.05	18.05	17.93		
3	QPSK	8	7	17.87	17.94	17.97		
3	QPSK	15	0	17.78	18.01	17.86		
3	16QAM	1	0	17.87	17.91	18.02	19.2	0
3	16QAM	1	8	17.97	17.85	18.04		
3	16QAM	1	14	17.82	17.84	17.97		
3	16QAM	8	0	18.09	17.92	17.95	19.2	0
3	16QAM	8	4	18.06	17.91	18.12		
3	16QAM	8	7	18.04	17.92	17.99		
3	16QAM	15	0	17.91	18.16	18.05		
3	64QAM	1	0	17.92	17.96	18.08	19.2	0
3	64QAM	1	8	17.96	17.93	18.14		
3	64QAM	1	14	18.03	18.13	17.99		
3	64QAM	8	0	18.03	18.07	18.07	19.2	0
3	64QAM	8	4	17.94	18.11	18.04		
3	64QAM	8	7	17.92	18.06	18.20		
3	64QAM	15	0	18.04	18.08	18.11		
3	256QAM	1	0	18.03	18.11	17.97	19.2	0
3	256QAM	1	8	17.88	18.24	17.97		
3	256QAM	1	14	18.02	18.11	17.98		
3	256QAM	8	0	18.06	18.17	18.10	19.2	0
3	256QAM	8	4	17.94	18.09	18.07		
3	256QAM	8	7	17.92	17.99	18.12		
3	256QAM	15	0	18.01	18.13	17.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.17	18.23	18.11	19.2	0
1.4	QPSK	1	3	18.18	18.21	18.06		
1.4	QPSK	1	5	18.04	18.04	18.09		
1.4	QPSK	3	0	17.94	18.12	18.05		
1.4	QPSK	3	1	17.91	18.04	17.89		
1.4	QPSK	3	3	17.92	17.93	17.88		
1.4	QPSK	6	0	17.73	17.89	17.81	19.2	0
1.4	16QAM	1	0	17.97	18.00	18.07	19.2	0
1.4	16QAM	1	3	17.89	17.83	18.03		
1.4	16QAM	1	5	17.84	17.89	17.85		
1.4	16QAM	3	0	17.94	17.98	17.93		
1.4	16QAM	3	1	18.08	18.07	18.14		
1.4	16QAM	3	3	18.12	18.06	18.12		
1.4	16QAM	6	0	17.86	18.13	18.13	19.2	0
1.4	64QAM	1	0	17.95	17.98	18.12	19.2	0
1.4	64QAM	1	3	18.02	18.01	18.05		
1.4	64QAM	1	5	18.02	18.19	18.04		
1.4	64QAM	3	0	18.08	18.01	17.97		
1.4	64QAM	3	1	18.03	18.03	18.00		
1.4	64QAM	3	3	18.01	18.06	18.18		
1.4	64QAM	6	0	18.05	18.07	18.06	19.2	0
1.4	256QAM	1	0	17.94	18.16	17.93	19.2	0
1.4	256QAM	1	3	17.91	18.23	18.05		
1.4	256QAM	1	5	18.11	18.06	18.00		
1.4	256QAM	3	0	18.04	18.12	17.99		
1.4	256QAM	3	1	17.87	17.99	18.06		
1.4	256QAM	3	3	18.03	18.04	18.02		
1.4	256QAM	6	0	17.92	18.02	17.99	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.44	18.47	18.33	19.2	0
20	QPSK	1	49	18.29	18.38	18.38		
20	QPSK	1	99	18.31	18.27	18.18		
20	QPSK	50	0	18.36	18.43	18.41	19.2	0
20	QPSK	50	24	18.18	18.14	18.11		
20	QPSK	50	50	18.05	18.15	18.17		
20	QPSK	100	0	18.05	18.37	18.03		
20	16QAM	1	0	18.05	18.13	18.27	19.2	0
20	16QAM	1	49	18.07	18.10	18.10		
20	16QAM	1	99	18.05	18.13	18.10		
20	16QAM	50	0	18.11	18.08	18.12	19.2	0
20	16QAM	50	24	18.16	18.17	18.31		
20	16QAM	50	50	18.24	18.22	18.19		
20	16QAM	100	0	18.05	18.29	18.18		
20	64QAM	1	0	18.22	18.12	18.21	19.2	0
20	64QAM	1	49	18.09	18.12	18.20		
20	64QAM	1	99	18.15	18.32	18.30		
20	64QAM	50	0	18.15	18.19	18.23	19.2	0
20	64QAM	50	24	18.12	18.15	18.17		
20	64QAM	50	50	18.12	18.36	18.38		
20	64QAM	100	0	18.16	18.28	18.20		
20	256QAM	1	0	18.12	18.38	18.16	19.2	0
20	256QAM	1	49	18.12	18.34	18.13		
20	256QAM	1	99	18.19	18.29	18.23		
20	256QAM	50	0	18.11	18.28	18.23	19.2	0
20	256QAM	50	24	18.08	18.22	18.25		
20	256QAM	50	50	18.22	18.21	18.23		
20	256QAM	100	0	18.14	18.25	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.22	18.28	18.20	19.2	0
15	QPSK	1	37	18.15	18.17	18.18		
15	QPSK	1	74	18.08	18.12	18.09		
15	QPSK	36	0	18.05	18.12	18.14	19.2	0
15	QPSK	36	20	18.03	18.06	18.00		
15	QPSK	36	39	18.10	18.10	18.03		
15	QPSK	75	0	17.92	18.07	17.82		
15	16QAM	1	0	18.00	18.09	18.01	19.2	0
15	16QAM	1	37	17.99	17.97	17.98		
15	16QAM	1	74	17.99	18.02	18.04		
15	16QAM	36	0	18.06	18.07	18.08	19.2	0
15	16QAM	36	20	18.12	18.12	18.22		
15	16QAM	36	39	18.10	18.04	18.16		
15	16QAM	75	0	18.02	18.13	18.17		
15	64QAM	1	0	18.11	18.01	18.13	19.2	0
15	64QAM	1	37	17.99	18.10	18.17		
15	64QAM	1	74	18.05	18.24	18.16		
15	64QAM	36	0	18.13	18.09	18.10	19.2	0
15	64QAM	36	20	18.05	18.09	17.99		
15	64QAM	36	39	18.01	18.11	18.18		
15	64QAM	75	0	18.16	18.15	18.09		
15	256QAM	1	0	18.10	18.13	18.11	19.2	0
15	256QAM	1	37	17.97	18.32	18.02		
15	256QAM	1	74	18.16	18.08	18.16		
15	256QAM	36	0	18.11	18.18	18.08	19.2	0
15	256QAM	36	20	17.99	18.14	18.05		
15	256QAM	36	39	18.09	18.04	18.13		
15	256QAM	75	0	18.00	18.13	18.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.12	18.34	18.19	19.2	0
10	QPSK	1	25	18.26	18.27	18.16		
10	QPSK	1	49	18.15	18.25	18.15		
10	QPSK	25	0	18.02	18.13	18.02	19.2	0
10	QPSK	25	12	18.03	18.04	18.01		
10	QPSK	25	25	17.99	18.14	17.98		
10	QPSK	50	0	17.94	18.10	17.87		
10	16QAM	1	0	17.90	18.01	18.10	19.2	0
10	16QAM	1	25	17.97	17.95	18.02		
10	16QAM	1	49	17.95	17.90	17.95		
10	16QAM	25	0	18.03	17.97	18.11	19.2	0
10	16QAM	25	12	18.04	18.06	18.09		
10	16QAM	25	25	18.15	18.12	18.08		
10	16QAM	50	0	17.98	18.25	18.09		
10	64QAM	1	0	18.13	18.04	18.12	19.2	0
10	64QAM	1	25	18.01	18.12	18.18		
10	64QAM	1	49	18.11	18.14	18.08		
10	64QAM	25	0	18.14	18.21	18.01	19.2	0
10	64QAM	25	12	17.99	18.10	18.04		
10	64QAM	25	25	17.95	18.21	18.15		
10	64QAM	50	0	18.03	18.11	18.24		
10	256QAM	1	0	18.15	18.26	18.01	19.2	0
10	256QAM	1	25	17.98	18.19	18.06		
10	256QAM	1	49	18.22	18.19	18.06		
10	256QAM	25	0	18.02	18.25	18.15	19.2	0
10	256QAM	25	12	17.98	18.19	18.19		
10	256QAM	25	25	18.09	18.09	18.08		
10	256QAM	50	0	18.08	18.13	18.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.22	18.29	18.14	19.2	0
5	QPSK	1	12	18.19	18.20	18.24		
5	QPSK	1	24	18.20	18.16	18.10		
5	QPSK	12	0	18.08	18.24	18.02	19.2	0
5	QPSK	12	7	18.09	18.04	18.09		
5	QPSK	12	13	17.97	18.15	18.02		
5	QPSK	25	0	17.84	18.10	17.79		
5	16QAM	1	0	18.01	18.02	18.10	19.2	0
5	16QAM	1	12	18.05	17.91	18.03		
5	16QAM	1	24	17.99	17.92	17.94		
5	16QAM	12	0	18.05	18.06	18.05	19.2	0
5	16QAM	12	7	18.11	18.08	18.10		
5	16QAM	12	13	18.21	18.09	18.06		
5	16QAM	25	0	18.06	18.18	18.08		
5	64QAM	1	0	18.05	18.00	18.11	19.2	0
5	64QAM	1	12	18.01	18.01	18.19		
5	64QAM	1	24	18.12	18.17	18.14		
5	64QAM	12	0	18.19	18.22	18.07	19.2	0
5	64QAM	12	7	18.03	18.05	18.08		
5	64QAM	12	13	18.06	18.11	18.21		
5	64QAM	25	0	18.10	18.20	18.18		
5	256QAM	1	0	18.09	18.26	18.00	19.2	0
5	256QAM	1	12	17.92	18.31	18.13		
5	256QAM	1	24	18.08	18.18	18.15		
5	256QAM	12	0	18.08	18.23	18.11	19.2	0
5	256QAM	12	7	17.93	18.11	18.07		
5	256QAM	12	13	18.02	18.11	18.19		
5	256QAM	25	0	18.10	18.12	18.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.11	18.25	18.17	19.2	0
3	QPSK	1	8	18.22	18.25	18.25		
3	QPSK	1	14	18.14	18.22	18.17		
3	QPSK	8	0	17.99	18.15	18.09	19.2	0
3	QPSK	8	4	18.07	18.14	17.99		
3	QPSK	8	7	18.03	18.05	18.05		
3	QPSK	15	0	17.91	18.10	17.83		
3	16QAM	1	0	18.05	18.07	18.03	19.2	0
3	16QAM	1	8	18.04	17.90	18.06		
3	16QAM	1	14	17.91	18.04	17.96		
3	16QAM	8	0	18.07	17.97	18.08	19.2	0
3	16QAM	8	4	18.15	18.03	18.11		
3	16QAM	8	7	18.12	18.06	18.14		
3	16QAM	15	0	18.00	18.21	18.18		
3	64QAM	1	0	18.03	18.12	18.12	19.2	0
3	64QAM	1	8	18.10	18.02	18.19		
3	64QAM	1	14	18.08	18.14	18.09		
3	64QAM	8	0	18.06	18.13	18.10	19.2	0
3	64QAM	8	4	18.01	18.16	18.08		
3	64QAM	8	7	18.06	18.21	18.14		
3	64QAM	15	0	18.10	18.08	18.16		
3	256QAM	1	0	18.03	18.26	18.04	19.2	0
3	256QAM	1	8	17.95	18.28	18.05		
3	256QAM	1	14	18.22	18.12	18.05		
3	256QAM	8	0	18.06	18.20	18.09	19.2	0
3	256QAM	8	4	18.00	18.20	18.14		
3	256QAM	8	7	18.05	18.05	18.10		
3	256QAM	15	0	18.10	18.06	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.15	18.23	18.24	19.2	0
1.4	QPSK	1	3	18.18	18.25	18.20		
1.4	QPSK	1	5	18.19	18.13	18.12		
1.4	QPSK	3	0	18.00	18.12	18.05		
1.4	QPSK	3	1	18.05	18.10	17.98		
1.4	QPSK	3	3	18.07	18.14	18.01		
1.4	QPSK	6	0	17.80	18.08	17.82	19.2	0
1.4	16QAM	1	0	17.98	18.10	18.11	19.2	0
1.4	16QAM	1	3	18.04	17.99	17.98		
1.4	16QAM	1	5	18.02	18.03	18.02		
1.4	16QAM	3	0	18.02	17.96	17.98		
1.4	16QAM	3	1	18.13	17.99	18.16		
1.4	16QAM	3	3	18.09	18.15	18.18		
1.4	16QAM	6	0	17.99	18.25	18.16	19.2	0
1.4	64QAM	1	0	18.14	18.06	18.09	19.2	0
1.4	64QAM	1	3	18.04	18.06	18.17		
1.4	64QAM	1	5	18.07	18.14	18.19		
1.4	64QAM	3	0	18.15	18.18	18.02		
1.4	64QAM	3	1	17.97	18.13	18.07		
1.4	64QAM	3	3	18.01	18.17	18.14		
1.4	64QAM	6	0	18.03	18.19	18.19	19.2	0
1.4	256QAM	1	0	18.14	18.19	18.03	19.2	0
1.4	256QAM	1	3	18.03	18.28	18.05		
1.4	256QAM	1	5	18.22	18.07	18.15		
1.4	256QAM	3	0	18.11	18.16	18.04		
1.4	256QAM	3	1	17.95	18.07	18.13		
1.4	256QAM	3	3	18.00	18.14	18.14		
1.4	256QAM	6	0	18.01	18.14	18.15	19.2	0

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.29	24.33	24.31	25.7	0
20	QPSK	1	49	24.19	24.25	24.23		
20	QPSK	1	99	24.17	24.26	24.23		
20	QPSK	50	0	23.18	23.31	23.28	24.7	1
20	QPSK	50	24	23.28	23.27	23.21		
20	QPSK	50	50	23.23	23.20	23.25		
20	QPSK	100	0	23.26	23.30	23.24		
20	16QAM	1	0	23.26	23.39	23.32	24.7	1
20	16QAM	1	49	23.35	23.33	23.33		
20	16QAM	1	99	23.34	23.33	23.28		
20	16QAM	50	0	22.21	22.32	22.27	23.7	2
20	16QAM	50	24	22.21	22.22	22.21		
20	16QAM	50	50	22.20	22.21	22.30		
20	16QAM	100	0	22.21	22.32	22.23		
20	64QAM	1	0	22.15	22.18	22.15	23.7	2
20	64QAM	1	49	22.15	22.09	22.07		
20	64QAM	1	99	22.08	22.09	22.05		
20	64QAM	50	0	21.27	21.47	21.31	22.7	3
20	64QAM	50	24	21.31	21.28	21.29		
20	64QAM	50	50	21.34	21.25	21.33		
20	64QAM	100	0	21.23	21.45	21.28		
20	256QAM	1	0	19.27	19.37	19.21	20.7	5
20	256QAM	1	49	19.22	19.31	19.27		
20	256QAM	1	99	19.31	19.22	19.25		
20	256QAM	50	0	19.24	19.40	19.17	20.7	5
20	256QAM	50	24	19.21	19.26	19.20		
20	256QAM	50	50	19.27	19.27	19.20		
20	256QAM	100	0	19.16	19.37	19.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.16	24.20	24.26	25.7	0
15	QPSK	1	37	24.15	24.18	24.07		
15	QPSK	1	74	24.08	24.14	24.14		
15	QPSK	36	0	23.07	23.15	23.22	24.7	1
15	QPSK	36	20	23.17	23.19	23.11		
15	QPSK	36	39	23.14	23.11	23.15		
15	QPSK	75	0	23.18	23.24	23.08		
15	16QAM	1	0	23.19	23.28	23.28	24.7	1
15	16QAM	1	37	23.22	23.25	23.22		
15	16QAM	1	74	23.27	23.23	23.15		
15	16QAM	36	0	22.15	22.28	22.20	23.7	2
15	16QAM	36	20	22.11	22.08	22.11		
15	16QAM	36	39	22.10	22.11	22.17		
15	16QAM	75	0	22.13	22.19	22.17		
15	64QAM	1	0	22.02	22.11	22.06	23.7	2
15	64QAM	1	37	22.05	22.03	21.99		
15	64QAM	1	74	22.01	21.98	21.95		
15	64QAM	36	0	21.12	21.40	21.24	22.7	3
15	64QAM	36	20	21.21	21.14	21.17		
15	64QAM	36	39	21.25	21.09	21.24		
15	64QAM	75	0	21.12	21.35	21.21		
15	256QAM	1	0	19.22	19.29	19.15	20.7	5
15	256QAM	1	37	19.18	19.23	19.18		
15	256QAM	1	74	19.19	19.17	19.17		
15	256QAM	36	0	19.13	19.24	19.12	20.7	5
15	256QAM	36	20	19.16	19.19	19.11		
15	256QAM	36	39	19.23	19.21	19.08		
15	256QAM	75	0	19.06	19.22	19.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.24	24.18	24.27	25.7	0
10	QPSK	1	25	24.14	24.17	24.10		
10	QPSK	1	49	24.07	24.15	24.10		
10	QPSK	25	0	23.05	23.27	23.12	24.7	1
10	QPSK	25	12	23.18	23.19	23.12		
10	QPSK	25	25	23.13	23.11	23.18		
10	QPSK	50	0	23.11	23.16	23.15		
10	16QAM	1	0	23.14	23.28	23.19	24.7	1
10	16QAM	1	25	23.25	23.21	23.28		
10	16QAM	1	49	23.29	23.23	23.21		
10	16QAM	25	0	22.10	22.21	22.18	23.7	2
10	16QAM	25	12	22.14	22.17	22.08		
10	16QAM	25	25	22.04	22.12	22.24		
10	16QAM	50	0	22.16	22.17	22.13		
10	64QAM	1	0	22.10	22.13	22.10	23.7	2
10	64QAM	1	25	22.05	22.01	22.03		
10	64QAM	1	49	22.03	22.03	21.99		
10	64QAM	25	0	21.13	21.36	21.19	22.7	3
10	64QAM	25	12	21.25	21.22	21.21		
10	64QAM	25	25	21.29	21.16	21.27		
10	64QAM	50	0	21.13	21.32	21.18		
10	256QAM	1	0	19.14	19.33	19.07	20.7	5
10	256QAM	1	25	19.07	19.19	19.18		
10	256QAM	1	49	19.17	19.06	19.12		
10	256QAM	25	0	19.15	19.34	19.08	20.7	5
10	256QAM	25	12	19.11	19.11	19.15		
10	256QAM	25	25	19.19	19.21	19.06		
10	256QAM	50	0	19.08	19.24	19.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.17	24.26	24.23	25.7	0
5	QPSK	1	12	24.10	24.19	24.11		
5	QPSK	1	24	24.03	24.19	24.11		
5	QPSK	12	0	23.13	23.20	23.19	24.7	1
5	QPSK	12	7	23.24	23.17	23.17		
5	QPSK	12	13	23.12	23.09	23.10		
5	QPSK	25	0	23.17	23.16	23.18		
5	16QAM	1	0	23.20	23.24	23.24	24.7	1
5	16QAM	1	12	23.22	23.23	23.21		
5	16QAM	1	24	23.25	23.20	23.20		
5	16QAM	12	0	22.12	22.18	22.22	23.7	2
5	16QAM	12	7	22.10	22.16	22.15		
5	16QAM	12	13	22.14	22.10	22.18		
5	16QAM	25	0	22.07	22.19	22.12		
5	64QAM	1	0	22.05	22.09	22.11	23.7	2
5	64QAM	1	12	22.07	22.02	21.94		
5	64QAM	1	24	22.03	21.96	21.99		
5	64QAM	12	0	21.17	21.43	21.23	22.7	3
5	64QAM	12	7	21.18	21.17	21.22		
5	64QAM	12	13	21.30	21.14	21.29		
5	64QAM	25	0	21.19	21.38	21.13		
5	256QAM	1	0	19.15	19.24	19.15	20.7	5
5	256QAM	1	12	19.14	19.24	19.18		
5	256QAM	1	24	19.21	19.18	19.17		
5	256QAM	12	0	19.09	19.35	19.11	20.7	5
5	256QAM	12	7	19.13	19.15	19.12		
5	256QAM	12	13	19.18	19.17	19.05		
5	256QAM	25	0	19.01	19.31	19.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.22	24.24	24.18	25.7	0
3	QPSK	1	8	24.04	24.19	24.18		
3	QPSK	1	14	24.05	24.18	24.18		
3	QPSK	8	0	23.11	23.23	23.13	24.7	1
3	QPSK	8	4	23.18	23.20	23.16		
3	QPSK	8	7	23.12	23.09	23.19		
3	QPSK	15	0	23.14	23.18	23.17		
3	16QAM	1	0	23.17	23.25	23.23	24.7	1
3	16QAM	1	8	23.19	23.23	23.18		
3	16QAM	1	14	23.20	23.22	23.14		
3	16QAM	8	0	22.14	22.18	22.16	23.7	2
3	16QAM	8	4	22.10	22.08	22.05		
3	16QAM	8	7	22.09	22.12	22.14		
3	16QAM	15	0	22.11	22.27	22.14		
3	64QAM	1	0	22.06	22.07	22.08	23.7	2
3	64QAM	1	8	22.09	22.03	21.91		
3	64QAM	1	14	22.04	22.04	21.92		
3	64QAM	8	0	21.17	21.42	21.16	22.7	3
3	64QAM	8	4	21.18	21.21	21.24		
3	64QAM	8	7	21.21	21.13	21.22		
3	64QAM	15	0	21.19	21.36	21.19		
3	256QAM	1	0	19.13	19.21	19.06	20.7	5
3	256QAM	1	8	19.08	19.24	19.20		
3	256QAM	1	14	19.19	19.12	19.14		
3	256QAM	8	0	19.16	19.32	19.02	20.7	5
3	256QAM	8	4	19.11	19.22	19.05		
3	256QAM	8	7	19.23	19.20	19.13		
3	256QAM	15	0	19.07	19.33	19.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.18	24.27	24.16	25.7	0
1.4	QPSK	1	3	24.15	24.20	24.12		
1.4	QPSK	1	5	24.07	24.12	24.08		
1.4	QPSK	3	0	24.17	24.18	24.23		
1.4	QPSK	3	1	24.10	24.10	24.17		
1.4	QPSK	3	3	24.05	24.21	24.17		
1.4	QPSK	6	0	23.19	23.25	23.13	24.7	1
1.4	16QAM	1	0	23.19	23.26	23.22	24.7	1
1.4	16QAM	1	3	23.29	23.22	23.22		
1.4	16QAM	1	5	23.21	23.18	23.22		
1.4	16QAM	3	0	23.13	23.34	23.17		
1.4	16QAM	3	1	23.25	23.23	23.28		
1.4	16QAM	3	3	23.21	23.21	23.19		
1.4	16QAM	6	0	22.06	22.21	22.13	23.7	2
1.4	64QAM	1	0	22.03	22.10	22.04	23.7	2
1.4	64QAM	1	3	22.04	21.99	21.93		
1.4	64QAM	1	5	22.01	22.02	21.92		
1.4	64QAM	3	0	22.17	22.22	22.13		
1.4	64QAM	3	1	22.15	22.09	22.14		
1.4	64QAM	3	3	22.11	22.14	22.19		
1.4	64QAM	6	0	21.17	21.34	21.21	22.7	3
1.4	256QAM	1	0	19.23	19.32	19.06	20.7	5
1.4	256QAM	1	3	19.07	19.26	19.19		
1.4	256QAM	1	5	19.26	19.13	19.17		
1.4	256QAM	3	0	19.15	19.24	19.01		
1.4	256QAM	3	1	19.05	19.14	19.12		
1.4	256QAM	3	3	19.11	19.21	19.09		
1.4	256QAM	6	0	19.08	19.26	19.10	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.81	24.85	24.79	25.7	0
20	QPSK	1	49	24.78	24.82	24.75		
20	QPSK	1	99	24.67	24.73	24.74		
20	QPSK	50	0	23.81	23.93	23.85	24.7	1
20	QPSK	50	24	23.83	23.90	23.80		
20	QPSK	50	50	23.89	23.81	23.87		
20	QPSK	100	0	23.78	23.91	23.88		
20	16QAM	1	0	23.87	23.97	23.88	24.7	1
20	16QAM	1	49	23.83	23.85	23.87		
20	16QAM	1	99	23.92	23.92	23.93		
20	16QAM	50	0	22.84	22.93	22.82	23.7	2
20	16QAM	50	24	22.86	22.83	22.85		
20	16QAM	50	50	22.85	22.88	22.79		
20	16QAM	100	0	22.86	22.92	22.87		
20	64QAM	1	0	22.56	22.67	22.56	23.7	2
20	64QAM	1	49	22.56	22.60	22.58		
20	64QAM	1	99	22.57	22.63	22.59		
20	64QAM	50	0	21.81	21.47	21.87	22.7	3
20	64QAM	50	24	21.85	21.88	21.91		
20	64QAM	50	50	21.92	21.92	21.82		
20	64QAM	100	0	21.86	21.45	21.84		
20	256QAM	1	0	19.80	19.77	19.88	20.7	5
20	256QAM	1	49	19.80	19.78	19.78		
20	256QAM	1	99	19.78	19.76	19.86		
20	256QAM	50	0	19.86	19.84	19.83	20.7	5
20	256QAM	50	24	19.84	19.91	19.87		
20	256QAM	50	50	19.92	19.91	19.88		
20	256QAM	100	0	19.80	19.37	19.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.74	24.70	24.73	25.7	0
15	QPSK	1	37	24.70	24.75	24.68		
15	QPSK	1	74	24.52	24.67	24.63		
15	QPSK	36	0	23.77	23.79	23.70	24.7	1
15	QPSK	36	20	23.77	23.84	23.74		
15	QPSK	36	39	23.80	23.69	23.72		
15	QPSK	75	0	23.65	23.80	23.74		
15	16QAM	1	0	23.82	23.86	23.75	24.7	1
15	16QAM	1	37	23.73	23.70	23.71		
15	16QAM	1	74	23.85	23.78	23.86		
15	16QAM	36	0	22.76	22.82	22.74	23.7	2
15	16QAM	36	20	22.76	22.76	22.78		
15	16QAM	36	39	22.72	22.77	22.72		
15	16QAM	75	0	22.77	22.86	22.76		
15	64QAM	1	0	22.51	22.58	22.41	23.7	2
15	64QAM	1	37	22.41	22.46	22.46		
15	64QAM	1	74	22.41	22.49	22.46		
15	64QAM	36	0	21.69	21.70	21.81	22.7	3
15	64QAM	36	20	21.81	21.83	21.86		
15	64QAM	36	39	21.80	21.82	21.66		
15	64QAM	75	0	21.71	21.67	21.79		
15	256QAM	1	0	19.69	19.70	19.83	20.7	5
15	256QAM	1	37	19.68	19.72	19.74		
15	256QAM	1	74	19.65	19.68	19.77		
15	256QAM	36	0	19.80	19.75	19.69	20.7	5
15	256QAM	36	20	19.74	19.76	19.73		
15	256QAM	36	39	19.81	19.77	19.74		
15	256QAM	75	0	19.67	19.23	19.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.77	24.78	24.65	25.7	0
10	QPSK	1	25	24.68	24.71	24.62		
10	QPSK	1	49	24.58	24.66	24.70		
10	QPSK	25	0	23.67	23.85	23.69	24.7	1
10	QPSK	25	12	23.69	23.86	23.71		
10	QPSK	25	25	23.76	23.68	23.72		
10	QPSK	50	0	23.68	23.77	23.82		
10	16QAM	1	0	23.77	23.91	23.72	24.7	1
10	16QAM	1	25	23.69	23.69	23.76		
10	16QAM	1	49	23.78	23.88	23.80		
10	16QAM	25	0	22.73	22.84	22.69	23.7	2
10	16QAM	25	12	22.75	22.74	22.73		
10	16QAM	25	25	22.75	22.83	22.66		
10	16QAM	50	0	22.77	22.80	22.82		
10	64QAM	1	0	22.48	22.58	22.44	23.7	2
10	64QAM	1	25	22.51	22.46	22.47		
10	64QAM	1	49	22.47	22.54	22.46		
10	64QAM	25	0	21.73	21.65	21.72	22.7	3
10	64QAM	25	12	21.70	21.76	21.79		
10	64QAM	25	25	21.85	21.86	21.75		
10	64QAM	50	0	21.82	21.37	21.69		
10	256QAM	1	0	19.65	19.62	19.79	20.7	5
10	256QAM	1	25	19.74	19.68	19.66		
10	256QAM	1	49	19.66	19.64	19.81		
10	256QAM	25	0	19.77	19.79	19.70	20.7	5
10	256QAM	25	12	19.69	19.79	19.77		
10	256QAM	25	25	19.88	19.78	19.80		
10	256QAM	50	0	19.66	19.33	19.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.68	24.64	24.57	25.7	0
5	QPSK	1	12	24.61	24.65	24.49		
5	QPSK	1	24	24.49	24.58	24.65		
5	QPSK	12	0	23.57	23.76	23.54	24.7	1
5	QPSK	12	7	23.55	23.74	23.59		
5	QPSK	12	13	23.68	23.58	23.63		
5	QPSK	25	0	23.58	23.71	23.68		
5	16QAM	1	0	23.73	23.87	23.58	24.7	1
5	16QAM	1	12	23.57	23.60	23.71		
5	16QAM	1	24	23.71	23.83	23.73		
5	16QAM	12	0	22.67	22.71	22.56	23.7	2
5	16QAM	12	7	22.68	22.60	22.68		
5	16QAM	12	13	22.64	22.72	22.59		
5	16QAM	25	0	22.69	22.73	22.76		
5	64QAM	1	0	22.34	22.43	22.35	23.7	2
5	64QAM	1	12	22.37	22.33	22.41		
5	64QAM	1	24	22.38	22.49	22.36		
5	64QAM	12	0	21.60	21.52	21.63	22.7	3
5	64QAM	12	7	21.64	21.70	21.67		
5	64QAM	12	13	21.72	21.74	21.61		
5	64QAM	25	0	21.68	21.22	21.59		
5	256QAM	1	0	19.55	19.48	19.75	20.7	5
5	256QAM	1	12	19.63	19.54	19.51		
5	256QAM	1	24	19.54	19.56	19.74		
5	256QAM	12	0	19.72	19.67	19.62	20.7	5
5	256QAM	12	7	19.54	19.70	19.63		
5	256QAM	12	13	19.77	19.65	19.65		
5	256QAM	25	0	19.52	19.18	19.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.65	24.73	24.58	25.7	0
3	QPSK	1	8	24.56	24.61	24.52		
3	QPSK	1	14	24.48	24.55	24.62		
3	QPSK	8	0	23.60	23.79	23.61	24.7	1
3	QPSK	8	4	23.64	23.75	23.59		
3	QPSK	8	7	23.70	23.62	23.64		
3	QPSK	15	0	23.62	23.63	23.71		
3	16QAM	1	0	23.66	23.85	23.57	24.7	1
3	16QAM	1	8	23.62	23.54	23.61		
3	16QAM	1	14	23.71	23.80	23.76		
3	16QAM	8	0	22.63	22.77	22.57	23.7	2
3	16QAM	8	4	22.68	22.64	22.62		
3	16QAM	8	7	22.60	22.77	22.55		
3	16QAM	15	0	22.65	22.74	22.71		
3	64QAM	1	0	22.38	22.49	22.34	23.7	2
3	64QAM	1	8	22.37	22.40	22.33		
3	64QAM	1	14	22.33	22.49	22.34		
3	64QAM	8	0	21.68	21.56	21.65	22.7	3
3	64QAM	8	4	21.63	21.63	21.69		
3	64QAM	8	7	21.80	21.82	21.67		
3	64QAM	15	0	21.68	21.31	21.55		
3	256QAM	1	0	19.50	19.51	19.71	20.7	5
3	256QAM	1	8	19.67	19.56	19.54		
3	256QAM	1	14	19.58	19.54	19.66		
3	256QAM	8	0	19.66	19.69	19.60	20.7	5
3	256QAM	8	4	19.57	19.73	19.65		
3	256QAM	8	7	19.83	19.68	19.69		
3	256QAM	15	0	19.60	19.18	19.58		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.70	24.74	24.60	25.7	0
1.4	QPSK	1	3	24.54	24.65	24.55		
1.4	QPSK	1	5	24.53	24.55	24.58		
1.4	QPSK	3	0	24.64	24.64	24.60		
1.4	QPSK	3	1	24.62	24.61	24.50		
1.4	QPSK	3	3	24.47	24.58	24.62		
1.4	QPSK	6	0	23.56	23.67	23.67	24.7	1
1.4	16QAM	1	0	23.66	23.86	23.59	24.7	1
1.4	16QAM	1	3	23.55	23.56	23.67		
1.4	16QAM	1	5	23.63	23.73	23.72		
1.4	16QAM	3	0	23.55	23.71	23.65		
1.4	16QAM	3	1	23.58	23.81	23.59		
1.4	16QAM	3	3	23.66	23.60	23.66		
1.4	16QAM	6	0	22.67	22.73	22.68	23.7	2
1.4	64QAM	1	0	22.37	22.44	22.39	23.7	2
1.4	64QAM	1	3	22.36	22.35	22.38		
1.4	64QAM	1	5	22.36	22.44	22.42		
1.4	64QAM	3	0	22.66	22.70	22.65		
1.4	64QAM	3	1	22.64	22.67	22.58		
1.4	64QAM	3	3	22.61	22.70	22.61		
1.4	64QAM	6	0	21.76	21.29	21.62	22.7	3
1.4	256QAM	1	0	19.61	19.56	19.69	20.7	5
1.4	256QAM	1	3	19.64	19.57	19.61		
1.4	256QAM	1	5	19.62	19.54	19.70		
1.4	256QAM	3	0	19.65	19.64	19.65		
1.4	256QAM	3	1	19.62	19.72	19.70		
1.4	256QAM	3	3	19.83	19.68	19.72		
1.4	256QAM	6	0	19.55	19.18	19.67	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.75	24.88	24.80	25.7	0
20	QPSK	1	49	24.64	24.76	24.67		
20	QPSK	1	99	24.69	24.76	24.68		
20	QPSK	50	0	23.76	23.86	23.82	24.7	1
20	QPSK	50	24	23.83	23.83	23.76		
20	QPSK	50	50	23.79	23.76	23.77		
20	QPSK	100	0	23.82	23.88	23.85		
20	16QAM	1	0	23.79	23.91	23.77	24.7	1
20	16QAM	1	49	23.88	23.88	23.83		
20	16QAM	1	99	23.83	23.87	23.86		
20	16QAM	50	0	22.77	22.89	22.83	23.7	2
20	16QAM	50	24	22.80	22.86	22.81		
20	16QAM	50	50	22.83	22.77	22.86		
20	16QAM	100	0	22.78	22.90	22.77		
20	64QAM	1	0	22.77	22.80	22.66	23.7	2
20	64QAM	1	49	22.67	22.67	22.66		
20	64QAM	1	99	22.75	22.69	22.74		
20	64QAM	50	0	21.81	21.67	21.83	22.7	3
20	64QAM	50	24	21.85	21.83	21.80		
20	64QAM	50	50	21.88	21.82	21.86		
20	64QAM	100	0	21.85	21.45	21.76		
20	256QAM	1	0	19.72	19.37	19.76	20.7	5
20	256QAM	1	49	19.69	19.65	19.72		
20	256QAM	1	99	19.71	19.65	19.70		
20	256QAM	50	0	19.86	19.84	19.80	20.7	5
20	256QAM	50	24	19.89	19.83	19.80		
20	256QAM	50	50	19.84	19.78	19.83		
20	256QAM	100	0	19.79	19.67	19.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.66	24.83	24.69	25.7	0
15	QPSK	1	37	24.59	24.60	24.52		
15	QPSK	1	74	24.56	24.71	24.63		
15	QPSK	36	0	23.68	23.74	23.71	24.7	1
15	QPSK	36	20	23.73	23.78	23.69		
15	QPSK	36	39	23.63	23.69	23.64		
15	QPSK	75	0	23.73	23.76	23.70		
15	16QAM	1	0	23.75	23.87	23.63	24.7	1
15	16QAM	1	37	23.82	23.72	23.69		
15	16QAM	1	74	23.73	23.82	23.77		
15	16QAM	36	0	22.63	22.83	22.72	23.7	2
15	16QAM	36	20	22.70	22.70	22.71		
15	16QAM	36	39	22.75	22.64	22.70		
15	16QAM	75	0	22.69	22.80	22.66		
15	64QAM	1	0	22.72	22.76	22.51	23.7	2
15	64QAM	1	37	22.59	22.63	22.51		
15	64QAM	1	74	22.65	22.58	22.66		
15	64QAM	36	0	21.67	21.82	21.71	22.7	3
15	64QAM	36	20	21.74	21.71	21.73		
15	64QAM	36	39	21.83	21.77	21.77		
15	64QAM	75	0	21.74	21.33	21.63		
15	256QAM	1	0	19.59	19.28	19.62	20.7	5
15	256QAM	1	37	19.54	19.51	19.57		
15	256QAM	1	74	19.65	19.55	19.59		
15	256QAM	36	0	19.80	19.72	19.72	20.7	5
15	256QAM	36	20	19.84	19.72	19.74		
15	256QAM	36	39	19.78	19.73	19.74		
15	256QAM	75	0	19.73	19.61	19.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.66	24.72	24.68	25.7	0
10	QPSK	1	25	24.55	24.65	24.52		
10	QPSK	1	49	24.54	24.61	24.63		
10	QPSK	25	0	23.64	23.73	23.66	24.7	1
10	QPSK	25	12	23.67	23.72	23.69		
10	QPSK	25	25	23.65	23.67	23.71		
10	QPSK	50	0	23.77	23.82	23.80		
10	16QAM	1	0	23.67	23.77	23.65	24.7	1
10	16QAM	1	25	23.83	23.72	23.67		
10	16QAM	1	49	23.74	23.77	23.75		
10	16QAM	25	0	22.64	22.85	22.78	23.7	2
10	16QAM	25	12	22.75	22.76	22.71		
10	16QAM	25	25	22.73	22.70	22.79		
10	16QAM	50	0	22.72	22.79	22.65		
10	64QAM	1	0	22.64	22.75	22.59	23.7	2
10	64QAM	1	25	22.56	22.62	22.55		
10	64QAM	1	49	22.67	22.57	22.60		
10	64QAM	25	0	21.74	21.59	21.68	22.7	3
10	64QAM	25	12	21.74	21.67	21.75		
10	64QAM	25	25	21.78	21.70	21.76		
10	64QAM	50	0	21.69	21.36	21.72		
10	256QAM	1	0	19.62	19.31	19.61	20.7	5
10	256QAM	1	25	19.54	19.50	19.62		
10	256QAM	1	49	19.58	19.59	19.58		
10	256QAM	25	0	19.79	19.75	19.68	20.7	5
10	256QAM	25	12	19.83	19.69	19.67		
10	256QAM	25	25	19.71	19.73	19.70		
10	256QAM	50	0	19.72	19.56	19.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.63	24.81	24.65	25.7	0
5	QPSK	1	12	24.49	24.70	24.58		
5	QPSK	1	24	24.62	24.62	24.54		
5	QPSK	12	0	23.68	23.82	23.78	24.7	1
5	QPSK	12	7	23.77	23.69	23.67		
5	QPSK	12	13	23.63	23.63	23.67		
5	QPSK	25	0	23.77	23.82	23.71		
5	16QAM	1	0	23.64	23.86	23.65	24.7	1
5	16QAM	1	12	23.73	23.80	23.73		
5	16QAM	1	24	23.68	23.71	23.73		
5	16QAM	12	0	22.72	22.79	22.74	23.7	2
5	16QAM	12	7	22.74	22.75	22.67		
5	16QAM	12	13	22.70	22.65	22.72		
5	16QAM	25	0	22.63	22.82	22.70		
5	64QAM	1	0	22.73	22.69	22.60	23.7	2
5	64QAM	1	12	22.59	22.58	22.60		
5	64QAM	1	24	22.65	22.55	22.68		
5	64QAM	12	0	21.70	21.59	21.77	22.7	3
5	64QAM	12	7	21.71	21.77	21.70		
5	64QAM	12	13	21.75	21.67	21.81		
5	64QAM	25	0	21.80	21.35	21.61		
5	256QAM	1	0	19.66	19.31	19.69	20.7	5
5	256QAM	1	12	19.58	19.59	19.56		
5	256QAM	1	24	19.57	19.55	19.59		
5	256QAM	12	0	19.70	19.72	19.74	20.7	5
5	256QAM	12	7	19.77	19.75	19.67		
5	256QAM	12	13	19.70	19.68	19.69		
5	256QAM	25	0	19.66	19.58	19.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.64	24.77	24.69	25.7	0
3	QPSK	1	8	24.52	24.62	24.54		
3	QPSK	1	14	24.57	24.61	24.60		
3	QPSK	8	0	23.67	23.77	23.78	24.7	1
3	QPSK	8	4	23.67	23.76	23.63		
3	QPSK	8	7	23.67	23.62	23.63		
3	QPSK	15	0	23.72	23.81	23.77		
3	16QAM	1	0	23.72	23.82	23.68	24.7	1
3	16QAM	1	8	23.81	23.74	23.75		
3	16QAM	1	14	23.71	23.83	23.73		
3	16QAM	8	0	22.72	22.81	22.75	23.7	2
3	16QAM	8	4	22.72	22.74	22.73		
3	16QAM	8	7	22.72	22.73	22.74		
3	16QAM	15	0	22.68	22.77	22.70		
3	64QAM	1	0	22.64	22.72	22.58	23.7	2
3	64QAM	1	8	22.61	22.63	22.58		
3	64QAM	1	14	22.60	22.65	22.62		
3	64QAM	8	0	21.76	21.59	21.79	22.7	3
3	64QAM	8	4	21.75	21.78	21.65		
3	64QAM	8	7	21.76	21.67	21.76		
3	64QAM	15	0	21.74	21.31	21.63		
3	256QAM	1	0	19.63	19.25	19.61	20.7	5
3	256QAM	1	8	19.56	19.53	19.63		
3	256QAM	1	14	19.66	19.59	19.56		
3	256QAM	8	0	19.78	19.73	19.72	20.7	5
3	256QAM	8	4	19.85	19.79	19.74		
3	256QAM	8	7	19.78	19.74	19.70		
3	256QAM	15	0	19.68	19.58	19.69		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.60	24.79	24.76	25.7	0
1.4	QPSK	1	3	24.56	24.70	24.56		
1.4	QPSK	1	5	24.60	24.68	24.59		
1.4	QPSK	3	0	24.69	24.76	24.66		
1.4	QPSK	3	1	24.50	24.67	24.63		
1.4	QPSK	3	3	24.59	24.61	24.59		
1.4	QPSK	6	0	23.74	23.72	23.72	24.7	1
1.4	16QAM	1	0	23.69	23.85	23.67	24.7	1
1.4	16QAM	1	3	23.77	23.73	23.76		
1.4	16QAM	1	5	23.72	23.79	23.76		
1.4	16QAM	3	0	23.68	23.83	23.64		
1.4	16QAM	3	1	23.77	23.84	23.69		
1.4	16QAM	3	3	23.70	23.77	23.75		
1.4	16QAM	6	0	22.73	22.81	22.64	23.7	2
1.4	64QAM	1	0	22.70	22.74	22.60	23.7	2
1.4	64QAM	1	3	22.56	22.60	22.56		
1.4	64QAM	1	5	22.64	22.60	22.65		
1.4	64QAM	3	0	22.63	22.76	22.70		
1.4	64QAM	3	1	22.72	22.78	22.67		
1.4	64QAM	3	3	22.77	22.73	22.78		
1.4	64QAM	6	0	21.80	21.74	21.66	22.7	3
1.4	256QAM	1	0	19.58	19.28	19.65	20.7	5
1.4	256QAM	1	3	19.59	19.49	19.67		
1.4	256QAM	1	5	19.66	19.57	19.54		
1.4	256QAM	3	0	19.79	19.73	19.74		
1.4	256QAM	3	1	19.74	19.79	19.65		
1.4	256QAM	3	3	19.76	19.68	19.78		
1.4	256QAM	6	0	19.68	19.59	19.69	20.7	5

Band 2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.17	18.34	18.14	20	0
20	QPSK	1	49	18.20	18.20	18.08		
20	QPSK	1	99	18.07	18.09	18.08		
20	QPSK	50	0	18.15	18.19	18.08	20	0
20	QPSK	50	24	18.16	18.11	18.07		
20	QPSK	50	50	18.17	18.18	18.14		
20	QPSK	100	0	18.14	18.16	18.07		
20	16QAM	1	0	18.20	18.18	18.00	20	0
20	16QAM	1	49	18.16	18.19	18.05		
20	16QAM	1	99	18.19	18.12	18.09		
20	16QAM	50	0	18.08	18.23	18.08	20	0
20	16QAM	50	24	18.17	18.16	18.06		
20	16QAM	50	50	18.20	18.17	18.08		
20	16QAM	100	0	18.13	18.15	18.12		
20	64QAM	1	0	18.06	18.09	18.15	20	0
20	64QAM	1	49	18.13	18.14	18.14		
20	64QAM	1	99	18.13	18.18	18.13		
20	64QAM	50	0	18.19	18.16	18.06	20	0
20	64QAM	50	24	18.16	18.16	18.12		
20	64QAM	50	50	18.13	18.19	18.00		
20	64QAM	100	0	18.06	18.12	18.03		
20	256QAM	1	0	18.12	18.09	18.10	20	0
20	256QAM	1	49	18.19	18.21	18.09		
20	256QAM	1	99	18.07	18.18	18.15		
20	256QAM	50	0	18.18	18.11	18.04	20	0
20	256QAM	50	24	18.17	18.09	18.02		
20	256QAM	50	50	18.06	18.09	18.11		
20	256QAM	100	0	18.16	18.11	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.21	18.32	18.21	20	0
15	QPSK	1	37	18.07	18.20	18.11		
15	QPSK	1	74	18.18	18.12	18.03		
15	QPSK	36	0	18.14	18.12	18.16	20	0
15	QPSK	36	20	18.19	18.17	18.05		
15	QPSK	36	39	18.11	18.14	18.12		
15	QPSK	75	0	18.15	18.16	18.07		
15	16QAM	1	0	18.08	18.08	18.06	20	0
15	16QAM	1	37	18.19	18.10	18.03		
15	16QAM	1	74	18.19	18.20	18.11		
15	16QAM	36	0	18.13	18.11	18.14	20	0
15	16QAM	36	20	18.11	18.16	18.13		
15	16QAM	36	39	18.14	18.18	18.02		
15	16QAM	75	0	18.15	18.14	18.14		
15	64QAM	1	0	18.14	18.21	18.11	20	0
15	64QAM	1	37	18.11	18.14	18.14		
15	64QAM	1	74	18.20	18.15	18.11		
15	64QAM	36	0	18.13	18.08	18.08	20	0
15	64QAM	36	20	18.20	18.09	18.13		
15	64QAM	36	39	18.05	18.14	18.02		
15	64QAM	75	0	18.09	18.20	18.09		
15	256QAM	1	0	18.18	18.13	18.04	20	0
15	256QAM	1	37	18.08	18.16	18.14		
15	256QAM	1	74	18.09	18.13	18.03		
15	256QAM	36	0	18.19	18.22	18.13	20	0
15	256QAM	36	20	18.16	18.16	18.03		
15	256QAM	36	39	18.18	18.09	18.08		
15	256QAM	75	0	18.14	18.14	18.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.28	18.32	18.22	20	0
10	QPSK	1	25	18.07	18.21	18.11		
10	QPSK	1	49	18.10	18.17	18.14		
10	QPSK	25	0	18.16	18.10	18.11	20	0
10	QPSK	25	12	18.07	18.08	18.09		
10	QPSK	25	25	18.08	18.15	18.03		
10	QPSK	50	0	18.09	18.22	18.14		
10	16QAM	1	0	18.11	18.09	18.04	20	0
10	16QAM	1	25	18.17	18.12	18.07		
10	16QAM	1	49	18.16	18.14	18.11		
10	16QAM	25	0	18.16	18.16	18.06	20	0
10	16QAM	25	12	18.13	18.15	18.06		
10	16QAM	25	25	18.10	18.19	18.13		
10	16QAM	50	0	18.10	18.08	18.10		
10	64QAM	1	0	18.20	18.21	18.01	20	0
10	64QAM	1	25	18.16	18.22	18.01		
10	64QAM	1	49	18.13	18.12	18.04		
10	64QAM	25	0	18.17	18.22	18.02	20	0
10	64QAM	25	12	18.05	18.16	18.14		
10	64QAM	25	25	18.12	18.20	18.13		
10	64QAM	50	0	18.13	18.10	18.06		
10	256QAM	1	0	18.12	18.10	18.03	20	0
10	256QAM	1	25	18.21	18.17	18.15		
10	256QAM	1	49	18.08	18.16	18.03		
10	256QAM	25	0	18.12	18.23	18.01	20	0
10	256QAM	25	12	18.14	18.16	18.01		
10	256QAM	25	25	18.16	18.17	18.01		
10	256QAM	50	0	18.17	18.21	18.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.20	18.30	18.19	20	0
5	QPSK	1	12	18.08	18.16	18.00		
5	QPSK	1	24	18.13	18.19	18.10		
5	QPSK	12	0	18.10	18.21	18.10	20	0
5	QPSK	12	7	18.08	18.09	18.11		
5	QPSK	12	13	18.06	18.12	18.13		
5	QPSK	25	0	18.18	18.23	18.05		
5	16QAM	1	0	18.06	18.09	18.07	20	0
5	16QAM	1	12	18.17	18.14	18.06		
5	16QAM	1	24	18.21	18.12	18.06		
5	16QAM	12	0	18.11	18.21	18.04	20	0
5	16QAM	12	7	18.06	18.23	18.05		
5	16QAM	12	13	18.08	18.15	18.10		
5	16QAM	25	0	18.09	18.12	18.15		
5	64QAM	1	0	18.17	18.15	18.12	20	0
5	64QAM	1	12	18.16	18.22	18.13		
5	64QAM	1	24	18.15	18.08	18.15		
5	64QAM	12	0	18.15	18.14	18.04	20	0
5	64QAM	12	7	18.11	18.13	18.01		
5	64QAM	12	13	18.14	18.13	18.14		
5	64QAM	25	0	18.10	18.13	18.10		
5	256QAM	1	0	18.14	18.17	18.05	20	0
5	256QAM	1	12	18.09	18.17	18.15		
5	256QAM	1	24	18.19	18.14	18.14		
5	256QAM	12	0	18.09	18.18	18.08	20	0
5	256QAM	12	7	18.20	18.19	18.00		
5	256QAM	12	13	18.19	18.19	18.03		
5	256QAM	25	0	18.13	18.13	18.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.18	18.31	18.21	20	0
3	QPSK	1	8	18.18	18.22	18.16		
3	QPSK	1	14	18.16	18.12	18.06		
3	QPSK	8	0	18.15	18.07	18.16	20	0
3	QPSK	8	4	18.13	18.10	18.10		
3	QPSK	8	7	18.06	18.10	18.11		
3	QPSK	15	0	18.18	18.14	18.09		
3	16QAM	1	0	18.08	18.13	18.06	20	0
3	16QAM	1	8	18.15	18.22	18.14		
3	16QAM	1	14	18.20	18.18	18.13		
3	16QAM	8	0	18.09	18.18	18.13	20	0
3	16QAM	8	4	18.05	18.20	18.06		
3	16QAM	8	7	18.07	18.10	18.03		
3	16QAM	15	0	18.08	18.10	18.03		
3	64QAM	1	0	18.08	18.08	18.08	20	0
3	64QAM	1	8	18.06	18.13	18.02		
3	64QAM	1	14	18.11	18.09	18.09		
3	64QAM	8	0	18.05	18.10	18.08	20	0
3	64QAM	8	4	18.07	18.22	18.00		
3	64QAM	8	7	18.07	18.15	18.03		
3	64QAM	15	0	18.08	18.16	18.16		
3	256QAM	1	0	18.07	18.19	18.12	20	0
3	256QAM	1	8	18.14	18.20	18.10		
3	256QAM	1	14	18.08	18.13	18.04		
3	256QAM	8	0	18.06	18.19	18.07	20	0
3	256QAM	8	4	18.05	18.17	18.14		
3	256QAM	8	7	18.06	18.18	18.01		
3	256QAM	15	0	18.09	18.12	18.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.17	18.32	18.18	20	0
1.4	QPSK	1	3	18.14	18.18	18.15		
1.4	QPSK	1	5	18.19	18.11	18.07		
1.4	QPSK	3	0	18.15	18.09	18.10		
1.4	QPSK	3	1	18.15	18.22	18.05		
1.4	QPSK	3	3	18.16	18.12	18.13		
1.4	QPSK	6	0	18.11	18.08	18.16	20	0
1.4	16QAM	1	0	18.11	18.15	18.00	20	0
1.4	16QAM	1	3	18.18	18.08	18.15		
1.4	16QAM	1	5	18.18	18.19	18.11		
1.4	16QAM	3	0	18.06	18.11	18.09		
1.4	16QAM	3	1	18.08	18.15	18.05		
1.4	16QAM	3	3	18.11	18.10	18.02		
1.4	16QAM	6	0	18.07	18.13	18.06	20	0
1.4	64QAM	1	0	18.09	18.11	18.14	20	0
1.4	64QAM	1	3	18.17	18.19	18.11		
1.4	64QAM	1	5	18.18	18.08	18.11		
1.4	64QAM	3	0	18.12	18.09	18.06		
1.4	64QAM	3	1	18.20	18.21	18.15		
1.4	64QAM	3	3	18.12	18.16	18.13		
1.4	64QAM	6	0	18.12	18.08	18.13	20	0
1.4	256QAM	1	0	18.16	18.16	18.08	20	0
1.4	256QAM	1	3	18.05	18.17	18.01		
1.4	256QAM	1	5	18.19	18.10	18.09		
1.4	256QAM	3	0	18.16	18.17	18.01		
1.4	256QAM	3	1	18.17	18.13	18.06		
1.4	256QAM	3	3	18.13	18.16	18.05		
1.4	256QAM	6	0	18.14	18.17	18.13	20	0

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.45	19.52	19.47	20.7	0
20	QPSK	1	49	19.31	19.50	19.41		
20	QPSK	1	99	19.30	19.48	19.32		
20	QPSK	50	0	19.30	19.48	19.40	20.7	0
20	QPSK	50	24	19.41	19.46	19.39		
20	QPSK	50	50	19.31	19.42	19.39		
20	QPSK	100	0	19.39	19.46	19.36		
20	16QAM	1	0	19.34	19.51	19.29	20.7	0
20	16QAM	1	49	19.34	19.43	19.42		
20	16QAM	1	99	19.40	19.42	19.35		
20	16QAM	50	0	19.42	19.50	19.42	20.7	0
20	16QAM	50	24	19.31	19.48	19.32		
20	16QAM	50	50	19.28	19.45	19.30		
20	16QAM	100	0	19.32	19.38	19.35		
20	64QAM	1	0	19.35	19.50	19.36	20.7	0
20	64QAM	1	49	19.33	19.36	19.36		
20	64QAM	1	99	19.40	19.36	19.38		
20	64QAM	50	0	19.29	19.38	19.38	20.7	0
20	64QAM	50	24	19.28	19.39	19.42		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.28	19.51	19.31		
20	256QAM	1	0	19.31	19.47	19.30	20.7	0
20	256QAM	1	49	19.42	19.41	19.43		
20	256QAM	1	99	19.28	19.49	19.44		
20	256QAM	50	0	19.43	19.41	19.38	20.7	0
20	256QAM	50	24	19.42	19.44	19.40		
20	256QAM	50	50	19.30	19.38	19.39		
20	256QAM	100	0	19.39	19.40	19.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.35	19.44	19.40	20.7	0
15	QPSK	1	37	19.41	19.44	19.31		
15	QPSK	1	74	19.31	19.49	19.33		
15	QPSK	36	0	19.29	19.48	19.33	20.7	0
15	QPSK	36	20	19.31	19.44	19.35		
15	QPSK	36	39	19.32	19.47	19.37		
15	QPSK	75	0	19.38	19.48	19.37		
15	16QAM	1	0	19.39	19.42	19.44	20.7	0
15	16QAM	1	37	19.36	19.36	19.39		
15	16QAM	1	74	19.28	19.50	19.30		
15	16QAM	36	0	19.41	19.50	19.43	20.7	0
15	16QAM	36	20	19.34	19.39	19.35		
15	16QAM	36	39	19.29	19.38	19.32		
15	16QAM	75	0	19.32	19.41	19.43		
15	64QAM	1	0	19.42	19.37	19.33	20.7	0
15	64QAM	1	37	19.42	19.50	19.30		
15	64QAM	1	74	19.44	19.39	19.31		
15	64QAM	36	0	19.36	19.49	19.29	20.7	0
15	64QAM	36	20	19.33	19.45	19.37		
15	64QAM	36	39	19.40	19.46	19.33		
15	64QAM	75	0	19.30	19.44	19.39		
15	256QAM	1	0	19.35	19.47	19.30	20.7	0
15	256QAM	1	37	19.42	19.36	19.31		
15	256QAM	1	74	19.38	19.49	19.33		
15	256QAM	36	0	19.39	19.45	19.37	20.7	0
15	256QAM	36	20	19.33	19.45	19.31		
15	256QAM	36	39	19.43	19.39	19.43		
15	256QAM	75	0	19.31	19.45	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.41	19.45	19.43	20.7	0
10	QPSK	1	25	19.42	19.50	19.41		
10	QPSK	1	49	19.28	19.37	19.29		
10	QPSK	25	0	19.43	19.37	19.30	20.7	0
10	QPSK	25	12	19.36	19.51	19.35		
10	QPSK	25	25	19.33	19.43	19.45		
10	QPSK	50	0	19.29	19.42	19.40		
10	16QAM	1	0	19.38	19.48	19.39	20.7	0
10	16QAM	1	25	19.36	19.51	19.38		
10	16QAM	1	49	19.32	19.47	19.37		
10	16QAM	25	0	19.42	19.51	19.36	20.7	0
10	16QAM	25	12	19.34	19.47	19.37		
10	16QAM	25	25	19.33	19.42	19.35		
10	16QAM	50	0	19.30	19.46	19.30		
10	64QAM	1	0	19.42	19.43	19.45	20.7	0
10	64QAM	1	25	19.39	19.37	19.31		
10	64QAM	1	49	19.36	19.50	19.40		
10	64QAM	25	0	19.40	19.38	19.43	20.7	0
10	64QAM	25	12	19.36	19.40	19.30		
10	64QAM	25	25	19.38	19.42	19.36		
10	64QAM	50	0	19.37	19.38	19.39		
10	256QAM	1	0	19.31	19.50	19.42	20.7	0
10	256QAM	1	25	19.44	19.46	19.36		
10	256QAM	1	49	19.37	19.51	19.41		
10	256QAM	25	0	19.41	19.45	19.44	20.7	0
10	256QAM	25	12	19.42	19.51	19.38		
10	256QAM	25	25	19.34	19.45	19.33		
10	256QAM	50	0	19.39	19.41	19.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.40	19.50	19.33	20.7	0
5	QPSK	1	12	19.30	19.45	19.33		
5	QPSK	1	24	19.30	19.37	19.34		
5	QPSK	12	0	19.43	19.43	19.35	20.7	0
5	QPSK	12	7	19.28	19.44	19.40		
5	QPSK	12	13	19.40	19.47	19.37		
5	QPSK	25	0	19.39	19.49	19.29		
5	16QAM	1	0	19.38	19.39	19.33	20.7	0
5	16QAM	1	12	19.40	19.46	19.42		
5	16QAM	1	24	19.39	19.48	19.39		
5	16QAM	12	0	19.43	19.38	19.43	20.7	0
5	16QAM	12	7	19.40	19.48	19.40		
5	16QAM	12	13	19.35	19.51	19.42		
5	16QAM	25	0	19.39	19.50	19.42		
5	64QAM	1	0	19.30	19.42	19.30	20.7	0
5	64QAM	1	12	19.29	19.49	19.30		
5	64QAM	1	24	19.34	19.40	19.30		
5	64QAM	12	0	19.29	19.41	19.36	20.7	0
5	64QAM	12	7	19.39	19.51	19.41		
5	64QAM	12	13	19.43	19.51	19.41		
5	64QAM	25	0	19.32	19.36	19.40		
5	256QAM	1	0	19.35	19.42	19.31	20.7	0
5	256QAM	1	12	19.33	19.45	19.29		
5	256QAM	1	24	19.36	19.46	19.44		
5	256QAM	12	0	19.36	19.42	19.32	20.7	0
5	256QAM	12	7	19.37	19.37	19.39		
5	256QAM	12	13	19.37	19.50	19.39		
5	256QAM	25	0	19.31	19.39	19.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.46	19.48	19.43	20.7	0
3	QPSK	1	8	19.39	19.48	19.31		
3	QPSK	1	14	19.44	19.49	19.36		
3	QPSK	8	0	19.37	19.36	19.31	20.7	0
3	QPSK	8	4	19.40	19.42	19.42		
3	QPSK	8	7	19.35	19.48	19.30		
3	QPSK	15	0	19.42	19.51	19.29		
3	16QAM	1	0	19.41	19.39	19.41	20.7	0
3	16QAM	1	8	19.30	19.45	19.33		
3	16QAM	1	14	19.36	19.37	19.34		
3	16QAM	8	0	19.42	19.40	19.34	20.7	0
3	16QAM	8	4	19.38	19.42	19.34		
3	16QAM	8	7	19.37	19.44	19.37		
3	16QAM	15	0	19.28	19.39	19.32		
3	64QAM	1	0	19.36	19.51	19.41	20.7	0
3	64QAM	1	8	19.37	19.43	19.34		
3	64QAM	1	14	19.31	19.48	19.39		
3	64QAM	8	0	19.43	19.47	19.30	20.7	0
3	64QAM	8	4	19.33	19.50	19.31		
3	64QAM	8	7	19.30	19.43	19.32		
3	64QAM	15	0	19.40	19.38	19.41		
3	256QAM	1	0	19.30	19.43	19.29	20.7	0
3	256QAM	1	8	19.39	19.42	19.40		
3	256QAM	1	14	19.44	19.51	19.33		
3	256QAM	8	0	19.32	19.38	19.33	20.7	0
3	256QAM	8	4	19.38	19.42	19.30		
3	256QAM	8	7	19.42	19.36	19.38		
3	256QAM	15	0	19.32	19.46	19.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.44	19.43	19.39	20.7	0
1.4	QPSK	1	3	19.40	19.44	19.44		
1.4	QPSK	1	5	19.28	19.37	19.32		
1.4	QPSK	3	0	19.41	19.39	19.38		
1.4	QPSK	3	1	19.33	19.40	19.31		
1.4	QPSK	3	3	19.41	19.40	19.29		
1.4	QPSK	6	0	19.39	19.49	19.44	20.7	0
1.4	16QAM	1	0	19.29	19.48	19.40	20.7	0
1.4	16QAM	1	3	19.37	19.38	19.43		
1.4	16QAM	1	5	19.43	19.38	19.41		
1.4	16QAM	3	0	19.36	19.36	19.38		
1.4	16QAM	3	1	19.43	19.47	19.41		
1.4	16QAM	3	3	19.30	19.42	19.32		
1.4	16QAM	6	0	19.43	19.38	19.30	20.7	0
1.4	64QAM	1	0	19.35	19.38	19.38	20.7	0
1.4	64QAM	1	3	19.32	19.51	19.44		
1.4	64QAM	1	5	19.35	19.38	19.35		
1.4	64QAM	3	0	19.41	19.43	19.41		
1.4	64QAM	3	1	19.30	19.50	19.33		
1.4	64QAM	3	3	19.41	19.38	19.31		
1.4	64QAM	6	0	19.32	19.38	19.41	20.7	0
1.4	256QAM	1	0	19.33	19.42	19.44	20.7	0
1.4	256QAM	1	3	19.32	19.47	19.41		
1.4	256QAM	1	5	19.38	19.48	19.38		
1.4	256QAM	3	0	19.30	19.46	19.40		
1.4	256QAM	3	1	19.38	19.45	19.29		
1.4	256QAM	3	3	19.41	19.46	19.44		
1.4	256QAM	6	0	19.39	19.43	19.44	20.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.47	18.56	18.29	19.7	0
20	QPSK	1	49	18.32	18.50	18.43		
20	QPSK	1	99	18.39	18.51	18.29		
20	QPSK	50	0	18.36	18.52	18.36	19.7	0
20	QPSK	50	24	18.32	18.38	18.37		
20	QPSK	50	50	18.34	18.40	18.39		
20	QPSK	100	0	18.34	18.39	18.33		
20	16QAM	1	0	18.46	18.37	18.48	19.7	0
20	16QAM	1	49	18.30	18.52	18.46		
20	16QAM	1	99	18.36	18.46	18.43		
20	16QAM	50	0	18.44	18.41	18.42	19.7	0
20	16QAM	50	24	18.45	18.47	18.45		
20	16QAM	50	50	18.39	18.50	18.38		
20	16QAM	100	0	18.44	18.44	18.47		
20	64QAM	1	0	18.36	18.46	18.42	19.7	0
20	64QAM	1	49	18.39	18.51	18.32		
20	64QAM	1	99	18.43	18.44	18.39		
20	64QAM	50	0	18.39	18.42	18.35	19.7	0
20	64QAM	50	24	18.38	18.40	18.48		
20	64QAM	50	50	18.32	18.46	18.42		
20	64QAM	100	0	18.44	18.40	18.46		
20	256QAM	1	0	18.40	18.47	18.48	19.7	0
20	256QAM	1	49	18.33	18.51	18.43		
20	256QAM	1	99	18.42	18.49	18.33		
20	256QAM	50	0	18.44	18.47	18.39	19.7	0
20	256QAM	50	24	18.42	18.46	18.41		
20	256QAM	50	50	18.43	18.49	18.42		
20	256QAM	100	0	18.40	18.44	18.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.38	18.41	18.25	19.7	0
15	QPSK	1	37	18.32	18.32	18.26		
15	QPSK	1	74	18.37	18.32	18.20		
15	QPSK	36	0	18.30	18.36	18.37	19.7	0
15	QPSK	36	20	18.27	18.38	18.24		
15	QPSK	36	39	18.29	18.40	18.37		
15	QPSK	75	0	18.23	18.34	18.37		
15	16QAM	1	0	18.34	18.42	18.33	19.7	0
15	16QAM	1	37	18.21	18.34	18.31		
15	16QAM	1	74	18.20	18.34	18.33		
15	16QAM	36	0	18.20	18.38	18.23	19.7	0
15	16QAM	36	20	18.30	18.29	18.37		
15	16QAM	36	39	18.20	18.30	18.23		
15	16QAM	75	0	18.21	18.29	18.22		
15	64QAM	1	0	18.29	18.29	18.29	19.7	0
15	64QAM	1	37	18.26	18.33	18.24		
15	64QAM	1	74	18.23	18.33	18.29		
15	64QAM	36	0	18.29	18.34	18.30	19.7	0
15	64QAM	36	20	18.34	18.33	18.33		
15	64QAM	36	39	18.28	18.35	18.28		
15	64QAM	75	0	18.30	18.38	18.30		
15	256QAM	1	0	18.30	18.34	18.38	19.7	0
15	256QAM	1	37	18.31	18.41	18.32		
15	256QAM	1	74	18.33	18.41	18.36		
15	256QAM	36	0	18.27	18.33	18.35	19.7	0
15	256QAM	36	20	18.20	18.34	18.31		
15	256QAM	36	39	18.31	18.39	18.37		
15	256QAM	75	0	18.34	18.27	18.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.38	18.41	18.24	19.7	0
10	QPSK	1	25	18.34	18.32	18.35		
10	QPSK	1	49	18.40	18.30	18.19		
10	QPSK	25	0	18.21	18.39	18.26	19.7	0
10	QPSK	25	12	18.30	18.41	18.24		
10	QPSK	25	25	18.28	18.30	18.28		
10	QPSK	50	0	18.25	18.35	18.34		
10	16QAM	1	0	18.21	18.36	18.24	19.7	0
10	16QAM	1	25	18.20	18.27	18.25		
10	16QAM	1	49	18.35	18.34	18.24		
10	16QAM	25	0	18.26	18.34	18.34	19.7	0
10	16QAM	25	12	18.24	18.39	18.32		
10	16QAM	25	25	18.27	18.37	18.31		
10	16QAM	50	0	18.29	18.42	18.28		
10	64QAM	1	0	18.25	18.41	18.36	19.7	0
10	64QAM	1	25	18.31	18.41	18.24		
10	64QAM	1	49	18.26	18.28	18.30		
10	64QAM	25	0	18.20	18.30	18.31	19.7	0
10	64QAM	25	12	18.22	18.33	18.37		
10	64QAM	25	25	18.26	18.43	18.34		
10	64QAM	50	0	18.22	18.36	18.30		
10	256QAM	1	0	18.26	18.29	18.27	19.7	0
10	256QAM	1	25	18.26	18.29	18.25		
10	256QAM	1	49	18.24	18.29	18.37		
10	256QAM	25	0	18.35	18.29	18.29	19.7	0
10	256QAM	25	12	18.33	18.39	18.36		
10	256QAM	25	25	18.23	18.28	18.34		
10	256QAM	50	0	18.36	18.39	18.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.44	18.51	18.27	19.7	0
5	QPSK	1	12	18.27	18.42	18.22		
5	QPSK	1	24	18.34	18.36	18.22		
5	QPSK	12	0	18.21	18.27	18.38	19.7	0
5	QPSK	12	7	18.30	18.36	18.30		
5	QPSK	12	13	18.26	18.30	18.35		
5	QPSK	25	0	18.27	18.32	18.29		
5	16QAM	1	0	18.24	18.43	18.28	19.7	0
5	16QAM	1	12	18.30	18.36	18.29		
5	16QAM	1	24	18.25	18.41	18.37		
5	16QAM	12	0	18.31	18.33	18.26	19.7	0
5	16QAM	12	7	18.26	18.39	18.26		
5	16QAM	12	13	18.33	18.30	18.29		
5	16QAM	25	0	18.25	18.34	18.29		
5	64QAM	1	0	18.25	18.32	18.25	19.7	0
5	64QAM	1	12	18.25	18.30	18.34		
5	64QAM	1	24	18.30	18.30	18.26		
5	64QAM	12	0	18.22	18.40	18.26	19.7	0
5	64QAM	12	7	18.25	18.30	18.32		
5	64QAM	12	13	18.30	18.40	18.23		
5	64QAM	25	0	18.33	18.33	18.34		
5	256QAM	1	0	18.32	18.31	18.24	19.7	0
5	256QAM	1	12	18.27	18.39	18.36		
5	256QAM	1	24	18.21	18.43	18.30		
5	256QAM	12	0	18.33	18.35	18.23	19.7	0
5	256QAM	12	7	18.27	18.40	18.29		
5	256QAM	12	13	18.30	18.39	18.34		
5	256QAM	25	0	18.21	18.33	18.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.32	18.40	18.23	19.7	0
3	QPSK	1	8	18.32	18.32	18.30		
3	QPSK	1	14	18.36	18.30	18.22		
3	QPSK	8	0	18.26	18.37	18.26	19.7	0
3	QPSK	8	4	18.22	18.32	18.26		
3	QPSK	8	7	18.29	18.38	18.31		
3	QPSK	15	0	18.30	18.28	18.25		
3	16QAM	1	0	18.32	18.42	18.29	19.7	0
3	16QAM	1	8	18.22	18.39	18.36		
3	16QAM	1	14	18.34	18.37	18.27		
3	16QAM	8	0	18.21	18.39	18.31	19.7	0
3	16QAM	8	4	18.25	18.28	18.26		
3	16QAM	8	7	18.31	18.27	18.28		
3	16QAM	15	0	18.29	18.41	18.34		
3	64QAM	1	0	18.28	18.36	18.32	19.7	0
3	64QAM	1	8	18.21	18.39	18.23		
3	64QAM	1	14	18.26	18.36	18.30		
3	64QAM	8	0	18.20	18.27	18.26	19.7	0
3	64QAM	8	4	18.25	18.43	18.30		
3	64QAM	8	7	18.21	18.36	18.32		
3	64QAM	15	0	18.25	18.35	18.30		
3	256QAM	1	0	18.23	18.33	18.37	19.7	0
3	256QAM	1	8	18.29	18.43	18.35		
3	256QAM	1	14	18.26	18.42	18.27		
3	256QAM	8	0	18.28	18.34	18.29	19.7	0
3	256QAM	8	4	18.26	18.29	18.24		
3	256QAM	8	7	18.21	18.40	18.30		
3	256QAM	15	0	18.25	18.32	18.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.39	18.41	18.19	19.7	0
1.4	QPSK	1	3	18.25	18.30	18.33		
1.4	QPSK	1	5	18.33	18.37	18.17		
1.4	QPSK	3	0	18.22	18.30	18.37		
1.4	QPSK	3	1	18.30	18.37	18.26		
1.4	QPSK	3	3	18.30	18.43	18.35		
1.4	QPSK	6	0	18.30	18.42	18.32	19.7	0
1.4	16QAM	1	0	18.26	18.34	18.29	19.7	0
1.4	16QAM	1	3	18.25	18.38	18.37		
1.4	16QAM	1	5	18.28	18.29	18.38		
1.4	16QAM	3	0	18.21	18.30	18.36		
1.4	16QAM	3	1	18.24	18.29	18.38		
1.4	16QAM	3	3	18.29	18.39	18.34		
1.4	16QAM	6	0	18.25	18.42	18.35	19.7	0
1.4	64QAM	1	0	18.33	18.40	18.30	19.7	0
1.4	64QAM	1	3	18.32	18.32	18.32		
1.4	64QAM	1	5	18.26	18.40	18.37		
1.4	64QAM	3	0	18.27	18.28	18.37		
1.4	64QAM	3	1	18.31	18.42	18.26		
1.4	64QAM	3	3	18.25	18.39	18.29		
1.4	64QAM	6	0	18.25	18.29	18.23	19.7	0
1.4	256QAM	1	0	18.24	18.39	18.27	19.7	0
1.4	256QAM	1	3	18.32	18.29	18.34		
1.4	256QAM	1	5	18.29	18.37	18.35		
1.4	256QAM	3	0	18.22	18.42	18.37		
1.4	256QAM	3	1	18.34	18.30	18.32		
1.4	256QAM	3	3	18.34	18.37	18.25		
1.4	256QAM	6	0	18.30	18.42	18.34	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.39	23.28	24.5	0
20	QPSK	1	49	23.26	23.31	23.24		
20	QPSK	1	99	23.31	23.29	23.14		
20	QPSK	50	0	22.36	22.43	22.40	23.5	1
20	QPSK	50	24	22.35	22.40	22.31		
20	QPSK	50	50	22.32	22.31	22.35		
20	QPSK	100	0	22.33	22.44	22.38		
20	16QAM	1	0	22.48	22.50	22.36	23.5	1
20	16QAM	1	49	22.43	22.39	22.46		
20	16QAM	1	99	22.45	22.38	22.43		
20	16QAM	50	0	21.34	21.44	21.36	22.5	2
20	16QAM	50	24	21.41	21.41	21.32		
20	16QAM	50	50	21.39	21.40	21.33		
20	16QAM	100	0	21.38	21.45	21.41		
20	64QAM	1	0	21.16	21.21	21.17	22.5	2
20	64QAM	1	49	21.11	21.13	21.08		
20	64QAM	1	99	21.08	21.15	21.16		
20	64QAM	50	0	20.36	20.48	20.46	21.5	3
20	64QAM	50	24	20.41	20.43	20.41		
20	64QAM	50	50	20.41	20.34	20.44		
20	64QAM	100	0	20.35	20.45	20.35		
20	256QAM	1	0	18.40	18.44	18.40	19.5	5
20	256QAM	1	49	18.31	18.39	18.39		
20	256QAM	1	99	18.38	18.33	18.34		
20	256QAM	50	0	18.40	18.47	18.36	19.5	5
20	256QAM	50	24	18.43	18.43	18.36		
20	256QAM	50	50	18.39	18.39	18.36		
20	256QAM	100	0	18.41	18.44	18.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.29	23.30	23.22	24.5	0
15	QPSK	1	37	23.20	23.26	23.21		
15	QPSK	1	74	23.18	23.23	23.11		
15	QPSK	36	0	22.22	22.37	22.36	23.5	1
15	QPSK	36	20	22.21	22.31	22.21		
15	QPSK	36	39	22.30	22.21	22.24		
15	QPSK	75	0	22.30	22.42	22.34		
15	16QAM	1	0	22.39	22.37	22.32	23.5	1
15	16QAM	1	37	22.34	22.37	22.44		
15	16QAM	1	74	22.34	22.32	22.32		
15	16QAM	36	0	21.27	21.42	21.28	22.5	2
15	16QAM	36	20	21.31	21.38	21.19		
15	16QAM	36	39	21.32	21.37	21.25		
15	16QAM	75	0	21.24	21.37	21.37		
15	64QAM	1	0	21.03	21.17	21.10	22.5	2
15	64QAM	1	37	21.03	21.02	21.00		
15	64QAM	1	74	21.06	21.11	21.11		
15	64QAM	36	0	20.27	20.46	20.39	21.5	3
15	64QAM	36	20	20.32	20.34	20.36		
15	64QAM	36	39	20.31	20.27	20.35		
15	64QAM	75	0	20.26	20.36	20.33		
15	256QAM	1	0	18.26	18.40	18.35	19.5	5
15	256QAM	1	37	18.18	18.35	18.30		
15	256QAM	1	74	18.34	18.20	18.23		
15	256QAM	36	0	18.27	18.36	18.27	19.5	5
15	256QAM	36	20	18.37	18.34	18.25		
15	256QAM	36	39	18.32	18.35	18.25		
15	256QAM	75	0	18.30	18.35	18.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.22	23.36	23.23	24.5	0
10	QPSK	1	25	23.13	23.20	23.11		
10	QPSK	1	49	23.24	23.21	23.02		
10	QPSK	25	0	22.25	22.32	22.37	23.5	1
10	QPSK	25	12	22.31	22.30	22.20		
10	QPSK	25	25	22.26	22.28	22.33		
10	QPSK	50	0	22.19	22.31	22.36		
10	16QAM	1	0	22.35	22.38	22.23	23.5	1
10	16QAM	1	25	22.39	22.28	22.39		
10	16QAM	1	49	22.32	22.24	22.34		
10	16QAM	25	0	21.23	21.30	21.24	22.5	2
10	16QAM	25	12	21.28	21.31	21.25		
10	16QAM	25	25	21.36	21.34	21.30		
10	16QAM	50	0	21.34	21.35	21.36		
10	64QAM	1	0	21.07	21.17	21.08	22.5	2
10	64QAM	1	25	21.08	21.05	21.00		
10	64QAM	1	49	21.00	21.05	21.02		
10	64QAM	25	0	20.31	20.41	20.33	21.5	3
10	64QAM	25	12	20.34	20.35	20.39		
10	64QAM	25	25	20.38	20.32	20.34		
10	64QAM	50	0	20.33	20.40	20.27		
10	256QAM	1	0	18.36	18.32	18.30	19.5	5
10	256QAM	1	25	18.25	18.33	18.28		
10	256QAM	1	49	18.27	18.20	18.28		
10	256QAM	25	0	18.26	18.39	18.33	19.5	5
10	256QAM	25	12	18.37	18.34	18.23		
10	256QAM	25	25	18.32	18.34	18.33		
10	256QAM	50	0	18.28	18.32	18.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.26	23.16	24.5	0
5	QPSK	1	12	23.16	23.22	23.14		
5	QPSK	1	24	23.19	23.27	23.08		
5	QPSK	12	0	22.29	22.31	22.38	23.5	1
5	QPSK	12	7	22.27	22.31	22.27		
5	QPSK	12	13	22.18	22.23	22.32		
5	QPSK	25	0	22.25	22.38	22.29		
5	16QAM	1	0	22.36	22.48	22.25	23.5	1
5	16QAM	1	12	22.33	22.28	22.35		
5	16QAM	1	24	22.42	22.26	22.29		
5	16QAM	12	0	21.23	21.31	21.22	22.5	2
5	16QAM	12	7	21.33	21.33	21.27		
5	16QAM	12	13	21.34	21.34	21.25		
5	16QAM	25	0	21.32	21.34	21.35		
5	64QAM	1	0	21.09	21.09	21.09	22.5	2
5	64QAM	1	12	21.00	21.07	21.00		
5	64QAM	1	24	21.05	21.04	21.09		
5	64QAM	12	0	20.29	20.34	20.37	21.5	3
5	64QAM	12	7	20.37	20.32	20.28		
5	64QAM	12	13	20.28	20.31	20.40		
5	64QAM	25	0	20.30	20.37	20.29		
5	256QAM	1	0	18.32	18.30	18.36	19.5	5
5	256QAM	1	12	18.24	18.36	18.35		
5	256QAM	1	24	18.26	18.20	18.28		
5	256QAM	12	0	18.31	18.44	18.25	19.5	5
5	256QAM	12	7	18.40	18.39	18.32		
5	256QAM	12	13	18.35	18.36	18.24		
5	256QAM	25	0	18.28	18.37	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.30	23.29	23.19	24.5	0
3	QPSK	1	8	23.21	23.21	23.16		
3	QPSK	1	14	23.26	23.22	23.00		
3	QPSK	8	0	22.26	22.41	22.26	23.5	1
3	QPSK	8	4	22.28	22.27	22.17		
3	QPSK	8	7	22.25	22.25	22.24		
3	QPSK	15	0	22.30	22.38	22.33		
3	16QAM	1	0	22.37	22.44	22.26	23.5	1
3	16QAM	1	8	22.32	22.31	22.33		
3	16QAM	1	14	22.40	22.30	22.36		
3	16QAM	8	0	21.28	21.35	21.33	22.5	2
3	16QAM	8	4	21.34	21.30	21.20		
3	16QAM	8	7	21.28	21.34	21.25		
3	16QAM	15	0	21.26	21.37	21.31		
3	64QAM	1	0	21.13	21.12	21.07	22.5	2
3	64QAM	1	8	21.00	21.07	21.00		
3	64QAM	1	14	21.00	21.09	21.10		
3	64QAM	8	0	20.30	20.36	20.36	21.5	3
3	64QAM	8	4	20.37	20.29	20.38		
3	64QAM	8	7	20.34	20.24	20.33		
3	64QAM	15	0	20.23	20.33	20.31		
3	256QAM	1	0	18.27	18.32	18.37	19.5	5
3	256QAM	1	8	18.22	18.30	18.27		
3	256QAM	1	14	18.27	18.28	18.24		
3	256QAM	8	0	18.38	18.39	18.32	19.5	5
3	256QAM	8	4	18.35	18.34	18.34		
3	256QAM	8	7	18.30	18.35	18.33		
3	256QAM	15	0	18.33	18.30	18.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.28	23.34	23.18	24.5	0
1.4	QPSK	1	3	23.20	23.24	23.14		
1.4	QPSK	1	5	23.24	23.19	23.00		
1.4	QPSK	3	0	23.21	23.35	23.21		
1.4	QPSK	3	1	23.23	23.23	23.16		
1.4	QPSK	3	3	23.26	23.19	23.06		
1.4	QPSK	6	0	22.28	22.34	22.27	23.5	1
1.4	16QAM	1	0	22.37	22.37	22.28	23.5	1
1.4	16QAM	1	3	22.32	22.25	22.32		
1.4	16QAM	1	5	22.39	22.35	22.37		
1.4	16QAM	3	0	22.38	22.41	22.27		
1.4	16QAM	3	1	22.31	22.35	22.36		
1.4	16QAM	3	3	22.34	22.26	22.37		
1.4	16QAM	6	0	21.27	21.39	21.34	22.5	2
1.4	64QAM	1	0	21.11	21.07	21.05	22.5	2
1.4	64QAM	1	3	21.07	21.05	21.00		
1.4	64QAM	1	5	21.10	21.12	21.10		
1.4	64QAM	3	0	21.22	21.37	21.30		
1.4	64QAM	3	1	21.36	21.28	21.22		
1.4	64QAM	3	3	21.37	21.26	21.30		
1.4	64QAM	6	0	20.31	20.38	20.30	21.5	3
1.4	256QAM	1	0	18.32	18.33	18.29	19.5	5
1.4	256QAM	1	3	18.21	18.25	18.27		
1.4	256QAM	1	5	18.25	18.29	18.23		
1.4	256QAM	3	0	18.36	18.41	18.25		
1.4	256QAM	3	1	18.40	18.38	18.24		
1.4	256QAM	3	3	18.30	18.32	18.27		
1.4	256QAM	6	0	18.39	18.31	18.34	19.5	5

Band 4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.98	24.09	24.01	25.5	0
20	QPSK	1	49	23.88	24.06	23.94		
20	QPSK	1	99	23.87	23.98	23.89		
20	QPSK	50	0	22.96	23.10	23.02	24.5	1
20	QPSK	50	24	23.01	23.03	23.04		
20	QPSK	50	50	23.05	23.06	23.02		
20	QPSK	100	0	23.01	23.09	22.99		
20	16QAM	1	0	23.06	23.15	23.05	24.5	1
20	16QAM	1	49	23.08	23.12	23.09		
20	16QAM	1	99	23.04	23.13	23.09		
20	16QAM	50	0	21.98	22.10	22.08	23.5	2
20	16QAM	50	24	21.97	21.98	22.00		
20	16QAM	50	50	22.07	21.99	22.00		
20	16QAM	100	0	22.00	22.09	22.01		
20	64QAM	1	0	21.77	21.87	21.82	23.5	2
20	64QAM	1	49	21.81	21.75	21.85		
20	64QAM	1	99	21.79	21.83	21.75		
20	64QAM	50	0	21.10	21.12	21.04	22.5	3
20	64QAM	50	24	20.98	21.08	21.04		
20	64QAM	50	50	20.98	21.08	20.99		
20	64QAM	100	0	21.04	21.09	21.02		
20	256QAM	1	0	19.00	19.08	19.01	20.5	5
20	256QAM	1	49	18.97	19.00	18.98		
20	256QAM	1	99	19.01	18.95	19.05		
20	256QAM	50	0	19.01	19.13	19.00	20.5	5
20	256QAM	50	24	19.07	19.04	19.04		
20	256QAM	50	50	19.03	19.11	19.00		
20	256QAM	100	0	19.05	19.11	19.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.87	23.98	23.88	25.5	0
15	QPSK	1	37	23.80	24.02	23.81		
15	QPSK	1	74	23.77	23.93	23.81		
15	QPSK	36	0	22.88	23.07	22.89	24.5	1
15	QPSK	36	20	22.98	22.93	22.98		
15	QPSK	36	39	22.98	23.02	22.93		
15	QPSK	75	0	22.93	22.98	22.94		
15	16QAM	1	0	22.96	23.09	23.02	24.5	1
15	16QAM	1	37	23.02	23.04	22.95		
15	16QAM	1	74	22.92	23.10	23.06		
15	16QAM	36	0	21.88	22.03	22.00	23.5	2
15	16QAM	36	20	21.92	21.95	21.94		
15	16QAM	36	39	21.99	21.89	21.97		
15	16QAM	75	0	21.91	22.05	21.98		
15	64QAM	1	0	21.74	21.78	21.76	23.5	2
15	64QAM	1	37	21.73	21.63	21.77		
15	64QAM	1	74	21.69	21.72	21.66		
15	64QAM	36	0	21.00	21.02	20.93	22.5	3
15	64QAM	36	20	20.93	21.01	21.00		
15	64QAM	36	39	20.93	20.96	20.92		
15	64QAM	75	0	20.94	20.99	20.95		
15	256QAM	1	0	18.94	19.02	18.97	20.5	5
15	256QAM	1	37	18.85	18.97	18.93		
15	256QAM	1	74	18.96	18.89	18.92		
15	256QAM	36	0	18.97	19.06	18.94	20.5	5
15	256QAM	36	20	19.01	18.90	19.00		
15	256QAM	36	39	18.99	19.08	18.91		
15	256QAM	75	0	19.01	18.99	18.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.05	23.93	25.5	0
10	QPSK	1	25	23.83	23.96	23.91		
10	QPSK	1	49	23.84	23.89	23.78		
10	QPSK	25	0	22.90	23.06	22.89	24.5	1
10	QPSK	25	12	22.89	22.92	22.94		
10	QPSK	25	25	22.96	22.94	22.88		
10	QPSK	50	0	22.89	22.97	22.90		
10	16QAM	1	0	22.95	23.03	22.93	24.5	1
10	16QAM	1	25	23.02	23.05	22.97		
10	16QAM	1	49	22.96	23.06	23.05		
10	16QAM	25	0	21.85	22.00	21.98	23.5	2
10	16QAM	25	12	21.88	21.94	21.91		
10	16QAM	25	25	22.05	21.91	21.91		
10	16QAM	50	0	21.94	21.99	21.99		
10	64QAM	1	0	21.74	21.83	21.79	23.5	2
10	64QAM	1	25	21.71	21.64	21.75		
10	64QAM	1	49	21.70	21.77	21.69		
10	64QAM	25	0	20.98	21.10	20.96	22.5	3
10	64QAM	25	12	20.91	20.98	20.98		
10	64QAM	25	25	20.93	20.94	20.86		
10	64QAM	50	0	20.97	20.99	20.89		
10	256QAM	1	0	18.93	18.96	18.93	20.5	5
10	256QAM	1	25	18.85	18.92	18.89		
10	256QAM	1	49	18.98	18.86	18.92		
10	256QAM	25	0	18.94	19.07	18.97	20.5	5
10	256QAM	25	12	18.97	18.96	18.92		
10	256QAM	25	25	18.91	19.05	18.89		
10	256QAM	50	0	18.99	19.06	18.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.84	24.01	23.97	25.5	0
5	QPSK	1	12	23.84	24.03	23.85		
5	QPSK	1	24	23.76	23.93	23.87		
5	QPSK	12	0	22.83	23.07	22.92	24.5	1
5	QPSK	12	7	22.98	22.93	22.96		
5	QPSK	12	13	22.99	22.98	22.92		
5	QPSK	25	0	22.96	23.06	22.90		
5	16QAM	1	0	22.94	23.09	23.00	24.5	1
5	16QAM	1	12	23.00	22.99	23.04		
5	16QAM	1	24	22.99	23.02	23.04		
5	16QAM	12	0	21.90	21.99	21.95	23.5	2
5	16QAM	12	7	21.87	21.90	21.92		
5	16QAM	12	13	21.93	21.88	21.98		
5	16QAM	25	0	21.96	22.03	21.87		
5	64QAM	1	0	21.64	21.82	21.75	23.5	2
5	64QAM	1	12	21.67	21.65	21.74		
5	64QAM	1	24	21.75	21.75	21.62		
5	64QAM	12	0	21.05	21.06	20.93	22.5	3
5	64QAM	12	7	20.88	21.05	20.90		
5	64QAM	12	13	20.89	21.01	20.96		
5	64QAM	25	0	20.99	20.98	20.89		
5	256QAM	1	0	18.95	19.01	18.98	20.5	5
5	256QAM	1	12	18.92	18.94	18.88		
5	256QAM	1	24	18.94	18.90	18.97		
5	256QAM	12	0	18.88	19.06	18.96	20.5	5
5	256QAM	12	7	18.94	19.00	18.92		
5	256QAM	12	13	18.94	19.01	18.96		
5	256QAM	25	0	18.98	19.00	18.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.91	23.96	23.93	25.5	0
3	QPSK	1	8	23.82	23.98	23.81		
3	QPSK	1	14	23.79	23.95	23.78		
3	QPSK	8	0	22.85	22.99	22.99	24.5	1
3	QPSK	8	4	22.93	22.98	23.02		
3	QPSK	8	7	22.98	22.97	23.00		
3	QPSK	15	0	22.89	23.04	22.92		
3	16QAM	1	0	23.02	23.09	23.02	24.5	1
3	16QAM	1	8	23.04	23.08	23.03		
3	16QAM	1	14	23.00	23.09	23.00		
3	16QAM	8	0	21.85	21.98	21.96	23.5	2
3	16QAM	8	4	21.84	21.88	21.96		
3	16QAM	8	7	22.03	21.96	21.90		
3	16QAM	15	0	21.96	22.04	21.93		
3	64QAM	1	0	21.68	21.83	21.79	23.5	2
3	64QAM	1	8	21.68	21.64	21.82		
3	64QAM	1	14	21.74	21.77	21.73		
3	64QAM	8	0	21.06	21.08	20.91	22.5	3
3	64QAM	8	4	20.92	20.99	20.93		
3	64QAM	8	7	20.93	20.96	20.87		
3	64QAM	15	0	20.97	20.99	20.95		
3	256QAM	1	0	18.90	19.06	18.97	20.5	5
3	256QAM	1	8	18.91	18.97	18.85		
3	256QAM	1	14	18.97	18.92	19.02		
3	256QAM	8	0	18.92	19.00	18.95	20.5	5
3	256QAM	8	4	19.04	18.94	19.02		
3	256QAM	8	7	18.94	19.02	18.87		
3	256QAM	15	0	18.98	19.05	18.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.91	23.99	23.87	25.5	0
1.4	QPSK	1	3	23.83	23.94	23.84		
1.4	QPSK	1	5	23.79	23.92	23.75		
1.4	QPSK	3	0	23.88	24.06	23.95		
1.4	QPSK	3	1	23.79	23.95	23.81		
1.4	QPSK	3	3	23.80	23.89	23.83		
1.4	QPSK	6	0	22.99	23.04	22.86	24.5	1
1.4	16QAM	1	0	22.94	23.05	23.01	24.5	1
1.4	16QAM	1	3	23.06	22.98	23.03		
1.4	16QAM	1	5	23.01	23.05	22.99		
1.4	16QAM	3	0	22.93	23.01	22.93		
1.4	16QAM	3	1	23.01	23.07	22.92		
1.4	16QAM	3	3	23.03	22.99	22.99		
1.4	16QAM	6	0	21.90	22.06	21.93	23.5	2
1.4	64QAM	1	0	21.63	21.80	21.80	23.5	2
1.4	64QAM	1	3	21.72	21.64	21.78		
1.4	64QAM	1	5	21.71	21.75	21.61		
1.4	64QAM	3	0	21.86	21.98	21.88		
1.4	64QAM	3	1	21.65	21.75	21.76		
1.4	64QAM	3	3	21.77	21.72	21.77		
1.4	64QAM	6	0	20.97	20.98	20.99	22.5	3
1.4	256QAM	1	0	18.89	19.03	18.97	20.5	5
1.4	256QAM	1	3	18.85	18.97	18.93		
1.4	256QAM	1	5	18.88	18.89	18.97		
1.4	256QAM	3	0	18.98	19.01	18.92		
1.4	256QAM	3	1	18.98	18.93	19.01		
1.4	256QAM	3	3	18.99	18.98	18.87		
1.4	256QAM	6	0	19.01	19.01	18.90	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.00	24.10	23.97	25.5	0
20	QPSK	1	49	23.90	24.02	23.84		
20	QPSK	1	99	23.94	23.99	23.92		
20	QPSK	50	0	22.98	23.07	23.01	24.5	1
20	QPSK	50	24	22.96	22.98	22.94		
20	QPSK	50	50	22.98	22.97	23.03		
20	QPSK	100	0	22.99	23.05	23.01		
20	16QAM	1	0	22.97	23.07	23.04	24.5	1
20	16QAM	1	49	22.96	23.04	22.95		
20	16QAM	1	99	23.01	22.94	23.04		
20	16QAM	50	0	21.99	22.06	21.94	23.5	2
20	16QAM	50	24	22.04	21.95	21.93		
20	16QAM	50	50	21.99	22.00	22.03		
20	16QAM	100	0	22.03	22.05	21.96		
20	64QAM	1	0	21.81	21.93	21.83	23.5	2
20	64QAM	1	49	21.80	21.83	21.81		
20	64QAM	1	99	21.91	21.87	21.87		
20	64QAM	50	0	20.98	21.11	21.00	22.5	3
20	64QAM	50	24	20.98	21.08	20.98		
20	64QAM	50	50	21.08	21.06	21.04		
20	64QAM	100	0	20.95	21.06	20.96		
20	256QAM	1	0	18.90	18.96	18.82	20.5	5
20	256QAM	1	49	18.88	18.89	18.84		
20	256QAM	1	99	18.91	18.84	18.90		
20	256QAM	50	0	19.06	19.09	18.97	20.5	5
20	256QAM	50	24	18.96	19.06	19.03		
20	256QAM	50	50	19.01	19.03	18.97		
20	256QAM	100	0	19.02	19.06	18.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.92	24.05	23.91	25.5	0
15	QPSK	1	37	23.85	23.91	23.75		
15	QPSK	1	74	23.89	23.86	23.78		
15	QPSK	36	0	22.91	22.95	22.93	24.5	1
15	QPSK	36	20	22.83	22.95	22.80		
15	QPSK	36	39	22.88	22.89	22.91		
15	QPSK	75	0	22.87	22.94	22.98		
15	16QAM	1	0	22.89	22.94	22.93	24.5	1
15	16QAM	1	37	22.86	22.95	22.85		
15	16QAM	1	74	22.92	22.86	22.93		
15	16QAM	36	0	21.88	22.00	21.89	23.5	2
15	16QAM	36	20	21.99	21.84	21.84		
15	16QAM	36	39	21.92	21.90	21.96		
15	16QAM	75	0	21.94	21.92	21.83		
15	64QAM	1	0	21.75	21.87	21.74	23.5	2
15	64QAM	1	37	21.70	21.70	21.77		
15	64QAM	1	74	21.78	21.74	21.79		
15	64QAM	36	0	20.86	21.00	20.89	22.5	3
15	64QAM	36	20	20.95	20.99	20.91		
15	64QAM	36	39	21.04	21.00	20.98		
15	64QAM	75	0	20.86	20.97	20.84		
15	256QAM	1	0	18.81	18.84	18.76	20.5	5
15	256QAM	1	37	18.75	18.77	18.78		
15	256QAM	1	74	18.84	18.80	18.84		
15	256QAM	36	0	18.93	19.00	18.84	20.5	5
15	256QAM	36	20	18.94	19.02	18.90		
15	256QAM	36	39	18.98	18.98	18.93		
15	256QAM	75	0	18.88	19.04	18.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.89	24.07	23.90	25.5	0
10	QPSK	1	25	23.85	23.90	23.72		
10	QPSK	1	49	23.91	23.92	23.85		
10	QPSK	25	0	22.86	22.98	22.92	24.5	1
10	QPSK	25	12	22.88	22.88	22.81		
10	QPSK	25	25	22.92	22.90	22.96		
10	QPSK	50	0	22.89	22.94	22.92		
10	16QAM	1	0	22.85	23.03	22.96	24.5	1
10	16QAM	1	25	22.89	22.95	22.87		
10	16QAM	1	49	22.90	22.91	22.93		
10	16QAM	25	0	21.88	21.94	21.92	23.5	2
10	16QAM	25	12	21.96	21.88	21.80		
10	16QAM	25	25	21.88	21.95	22.00		
10	16QAM	50	0	21.92	22.01	21.82		
10	64QAM	1	0	21.75	21.88	21.70	23.5	2
10	64QAM	1	25	21.78	21.69	21.79		
10	64QAM	1	49	21.86	21.76	21.73		
10	64QAM	25	0	20.92	21.05	20.94	22.5	3
10	64QAM	25	12	20.84	21.05	20.91		
10	64QAM	25	25	21.03	20.93	20.90		
10	64QAM	50	0	20.92	20.94	20.85		
10	256QAM	1	0	18.83	18.91	18.79	20.5	5
10	256QAM	1	25	18.79	18.85	18.71		
10	256QAM	1	49	18.79	18.73	18.81		
10	256QAM	25	0	19.03	19.02	18.94	20.5	5
10	256QAM	25	12	18.89	19.03	18.93		
10	256QAM	25	25	18.95	18.90	18.91		
10	256QAM	50	0	18.99	18.94	18.86		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.96	24.00	23.86	25.5	0
5	QPSK	1	12	23.82	23.99	23.80		
5	QPSK	1	24	23.85	23.93	23.87		
5	QPSK	12	0	22.94	22.97	22.88	24.5	1
5	QPSK	12	7	22.90	22.95	22.88		
5	QPSK	12	13	22.85	22.84	23.00		
5	QPSK	25	0	22.86	22.98	22.89		
5	16QAM	1	0	22.86	22.99	22.93	24.5	1
5	16QAM	1	12	22.90	22.98	22.85		
5	16QAM	1	24	22.96	22.87	22.95		
5	16QAM	12	0	21.96	22.03	21.87	23.5	2
5	16QAM	12	7	21.98	21.86	21.79		
5	16QAM	12	13	21.92	21.98	22.00		
5	16QAM	25	0	21.99	21.94	21.91		
5	64QAM	1	0	21.75	21.83	21.79	23.5	2
5	64QAM	1	12	21.77	21.71	21.77		
5	64QAM	1	24	21.81	21.75	21.79		
5	64QAM	12	0	20.90	21.05	20.86	22.5	3
5	64QAM	12	7	20.95	21.04	20.85		
5	64QAM	12	13	21.02	21.00	20.94		
5	64QAM	25	0	20.84	21.03	20.93		
5	256QAM	1	0	18.79	18.91	18.72	20.5	5
5	256QAM	1	12	18.79	18.77	18.81		
5	256QAM	1	24	18.81	18.81	18.77		
5	256QAM	12	0	19.00	18.98	18.88	20.5	5
5	256QAM	12	7	18.92	18.95	18.92		
5	256QAM	12	13	18.94	18.98	18.83		
5	256QAM	25	0	18.97	18.98	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.90	24.01	23.83	25.5	0
3	QPSK	1	8	23.86	23.98	23.78		
3	QPSK	1	14	23.85	23.85	23.84		
3	QPSK	8	0	22.86	22.99	22.92	24.5	1
3	QPSK	8	4	22.83	22.93	22.90		
3	QPSK	8	7	22.92	22.84	23.00		
3	QPSK	15	0	22.94	23.00	22.87		
3	16QAM	1	0	22.90	23.04	22.91	24.5	1
3	16QAM	1	8	22.86	22.94	22.83		
3	16QAM	1	14	22.89	22.86	22.97		
3	16QAM	8	0	21.91	22.00	21.91	23.5	2
3	16QAM	8	4	21.96	21.87	21.89		
3	16QAM	8	7	21.91	21.89	21.99		
3	16QAM	15	0	21.98	22.01	21.87		
3	64QAM	1	0	21.73	21.90	21.79	23.5	2
3	64QAM	1	8	21.67	21.71	21.75		
3	64QAM	1	14	21.81	21.81	21.84		
3	64QAM	8	0	20.90	21.05	20.90	22.5	3
3	64QAM	8	4	20.92	20.96	20.91		
3	64QAM	8	7	21.02	20.93	20.92		
3	64QAM	15	0	20.82	20.93	20.84		
3	256QAM	1	0	18.81	18.87	18.73	20.5	5
3	256QAM	1	8	18.76	18.82	18.77		
3	256QAM	1	14	18.83	18.78	18.77		
3	256QAM	8	0	18.95	18.99	18.93	20.5	5
3	256QAM	8	4	18.94	18.99	18.95		
3	256QAM	8	7	18.95	18.94	18.92		
3	256QAM	15	0	18.89	18.95	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.95	24.03	23.85	25.5	0
1.4	QPSK	1	3	23.78	23.97	23.71		
1.4	QPSK	1	5	23.91	23.90	23.89		
1.4	QPSK	3	0	23.89	24.04	23.87		
1.4	QPSK	3	1	23.83	23.96	23.76		
1.4	QPSK	3	3	23.91	23.89	23.86		
1.4	QPSK	6	0	22.97	22.96	22.98	24.5	1
1.4	16QAM	1	0	22.88	23.03	22.97	24.5	1
1.4	16QAM	1	3	22.91	23.01	22.86		
1.4	16QAM	1	5	22.93	22.91	22.94		
1.4	16QAM	3	0	22.87	22.87	22.92		
1.4	16QAM	3	1	22.93	22.92	22.94		
1.4	16QAM	3	3	22.90	22.96	22.97		
1.4	16QAM	6	0	21.95	22.02	21.88	23.5	2
1.4	64QAM	1	0	21.74	21.88	21.75	23.5	2
1.4	64QAM	1	3	21.74	21.73	21.76		
1.4	64QAM	1	5	21.79	21.79	21.77		
1.4	64QAM	3	0	21.69	21.81	21.76		
1.4	64QAM	3	1	21.70	21.79	21.71		
1.4	64QAM	3	3	21.85	21.76	21.76		
1.4	64QAM	6	0	20.91	20.92	20.85	22.5	3
1.4	256QAM	1	0	18.80	18.85	18.77	20.5	5
1.4	256QAM	1	3	18.84	18.79	18.80		
1.4	256QAM	1	5	18.85	18.70	18.86		
1.4	256QAM	3	0	19.01	18.95	18.93		
1.4	256QAM	3	1	18.89	18.98	18.97		
1.4	256QAM	3	3	18.93	19.00	18.85		
1.4	256QAM	6	0	18.88	19.02	18.83	20.5	5

Full&Default Power Mode for Main PA

n5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.84	24.03	23.92	25.7	0.0
20	PI/2 BPSK	1	53	24.00	24.18	24.01		
20	PI/2 BPSK	1	104	24.02	24.18	24.00		
20	PI/2 BPSK	50	0	23.37	23.59	23.46	25.2	0.5
20	PI/2 BPSK	50	28	23.99	24.04	23.97	25.7	0.0
20	PI/2 BPSK	50	56	23.51	23.59	23.48	25.2	0.5
20	PI/2 BPSK	100	0	23.48	23.62	23.43		
20	QPSK	1	1	25.17	25.24	25.12	25.7	0.0
20	QPSK	1	53	25.05	25.18	25.08		
20	QPSK	1	104	25.02	25.11	24.99		
20	QPSK	50	0	23.92	24.07	23.85	24.7	1.0
20	QPSK	50	28	24.91	24.98	24.80	25.7	0.0
20	QPSK	50	56	23.89	24.03	23.98	24.7	1.0
20	QPSK	100	0	23.91	24.02	24.00		
20	16QAM	1	1	24.11	24.26	24.04	24.7	1.0
20	64QAM	1	1	22.47	22.49	22.45	23.2	2.5
20	256QAM	1	1	20.36	20.56	20.39	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.02	25.18	25.14	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.03	25.15	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.05	25.12	25.08	25.7	0.0

n12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.61	24.71	24.68	25.5	0.0
15	PI/2 BPSK	1	40	24.59	24.69	24.56		
15	PI/2 BPSK	1	77	24.62	24.66	24.63		
15	PI/2 BPSK	36	0	24.27	24.25	24.22	25.0	0.5
15	PI/2 BPSK	36	22	24.69	24.65	24.57	25.5	0.0
15	PI/2 BPSK	36	43	24.19	24.26	24.12	25.0	0.5
15	PI/2 BPSK	75	0	24.20	24.18	24.13		
15	QPSK	1	1	24.66	24.76	24.64	25.5	0.0
15	QPSK	1	40	24.61	24.70	24.63		
15	QPSK	1	77	24.68	24.65	24.66		
15	QPSK	36	0	23.69	23.76	23.73	24.5	1.0
15	QPSK	36	22	24.54	24.72	24.48	25.5	0.0
15	QPSK	36	43	23.61	23.66	23.59	24.5	1.0
15	QPSK	75	0	23.71	23.74	23.72		
15	16QAM	1	1	23.85	23.88	23.86	24.5	1.0
15	64QAM	1	1	22.02	22.14	22.04	23.0	2.5
15	256QAM	1	1	20.02	20.06	19.98	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.63	24.46	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.39	24.42	24.31	25.5	0.0

n26 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.95	24.11	23.84	25.7	0.0
20	PI/2 BPSK	1	53	24.02	24.18	24.05		
20	PI/2 BPSK	1	104	24.16	24.24	24.04		
20	PI/2 BPSK	50	0	23.52	23.62	23.44	25.2	0.5
20	PI/2 BPSK	50	28	24.11	24.09	24.02	25.7	0.0
20	PI/2 BPSK	50	56	23.53	23.71	23.46	25.2	0.5
20	PI/2 BPSK	100	0	23.59	23.64	23.46		
20	QPSK	1	1	25.18	25.25	25.06	25.7	0.0
20	QPSK	1	53	25.10	25.19	25.01		
20	QPSK	1	104	25.08	25.20	25.02		
20	QPSK	50	0	23.99	24.12	23.96	24.7	1.0
20	QPSK	50	28	24.92	24.97	24.83	25.7	0.0
20	QPSK	50	56	24.04	24.14	23.97	24.7	1.0
20	QPSK	100	0	24.02	24.11	24.01		
20	16QAM	1	1	24.11	24.21	24.04	24.7	1.0
20	64QAM	1	1	22.39	22.41	22.30	23.2	2.5
20	256QAM	1	1	20.32	20.44	20.27	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.91	25.02	24.93	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.93	25.09	24.89	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.87	24.96	24.81	25.7	0.0

n71 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.07	24.18	23.98	25.0	0.0
20	PI/2 BPSK	1	53	24.09	24.25	24.12		
20	PI/2 BPSK	1	104	24.04	24.21	23.97		
20	PI/2 BPSK	50	0	23.54	23.58	23.45	24.5	0.5
20	PI/2 BPSK	50	28	24.07	24.30	24.12	25.0	0.0
20	PI/2 BPSK	50	56	23.58	23.66	23.61	24.5	0.5
20	PI/2 BPSK	100	0	23.56	23.74	23.49		
20	QPSK	1	1	24.30	24.37	24.20	25.0	0.0
20	QPSK	1	53	24.14	24.17	24.10		
20	QPSK	1	104	24.03	24.15	23.91		
20	QPSK	50	0	23.01	23.14	22.92	24.0	1.0
20	QPSK	50	28	24.03	24.14	23.94	25.0	0.0
20	QPSK	50	56	23.12	23.13	22.95	24.0	1.0
20	QPSK	100	0	23.02	23.09	23.05		
20	16QAM	1	1	23.23	23.36	23.26	24.0	1.0
20	64QAM	1	1	21.45	21.49	21.42	22.5	2.5
20	256QAM	1	1	19.41	19.46	19.34	20.5	4.5
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.21	24.36	24.16	25.0	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.06	24.19	24.12	25.0	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.16	25.0	0.0

n5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.13	24.17	24.01	25.7	0.0
20	PI/2 BPSK	1	53	24.23	24.17	24.09		
20	PI/2 BPSK	1	104	24.31	24.27	24.23		
20	PI/2 BPSK	50	0	23.63	23.65	23.55	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.15	24.14	25.7	0.0
20	PI/2 BPSK	50	56	23.70	23.75	23.66	25.2	0.5
20	PI/2 BPSK	100	0	23.70	23.80	23.68		
20	QPSK	1	1	25.30	25.40	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.26	25.15		
20	QPSK	1	104	25.18	25.14	25.05		
20	QPSK	50	0	24.12	24.12	24.04	24.7	1.0
20	QPSK	50	28	25.05	25.14	25.03	25.7	0.0
20	QPSK	50	56	24.21	24.25	24.16	24.7	1.0
20	QPSK	100	0	24.19	24.21	24.15		
20	16QAM	1	1	24.39	24.39	24.24	24.7	1.0
20	64QAM	1	1	22.60	22.69	22.51	23.2	2.5
20	256QAM	1	1	20.66	20.61	20.54	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.19	25.29	25.21	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.12	25.19	25.11	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.16	25.20	25.09	25.7	0.0

n12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.55	24.67	24.50	25.7	0.0
15	PI/2 BPSK	1	40	24.53	24.59	24.48		
15	PI/2 BPSK	1	77	24.56	24.63	24.58		
15	PI/2 BPSK	36	0	24.11	24.18	24.03	25.2	0.5
15	PI/2 BPSK	36	22	24.51	24.60	24.53	25.7	0.0
15	PI/2 BPSK	36	43	24.00	24.17	24.02	25.2	0.5
15	PI/2 BPSK	75	0	24.04	24.20	24.02		
15	QPSK	1	1	24.66	24.74	24.63	25.7	0.0
15	QPSK	1	40	24.55	24.67	24.51		
15	QPSK	1	77	24.54	24.68	24.53		
15	QPSK	36	0	23.66	23.66	23.60	24.7	1.0
15	QPSK	36	22	24.43	24.49	24.46	25.7	0.0
15	QPSK	36	43	23.55	23.62	23.56	24.7	1.0
15	QPSK	75	0	23.53	23.67	23.53		
15	16QAM	1	1	23.65	23.79	23.61	24.7	1.0
15	64QAM	1	1	21.88	22.00	21.89	23.2	2.5
	256QAM	1	1	19.79	19.88	19.82	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.59	24.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.35	24.49	24.29	25.7	0.0

n26 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.04	24.11	24.05	25.7	0.0
20	PI/2 BPSK	1	53	24.13	24.32	24.19		
20	PI/2 BPSK	1	104	24.19	24.30	24.17		
20	PI/2 BPSK	50	0	23.58	23.71	23.61	25.2	0.5
20	PI/2 BPSK	50	28	24.07	24.25	24.22	25.7	0.0
20	PI/2 BPSK	50	56	23.64	23.72	23.66	25.2	0.5
20	PI/2 BPSK	100	0	23.58	23.68	23.60		
20	QPSK	1	1	25.26	25.37	25.34	25.7	0.0
20	QPSK	1	53	25.20	25.33	25.26		
20	QPSK	1	104	25.05	25.28	25.14		
20	QPSK	50	0	24.09	24.25	24.08	24.7	1.0
20	QPSK	50	28	25.06	25.11	25.07	25.7	0.0
20	QPSK	50	56	24.11	24.33	24.16	24.7	1.0
20	QPSK	100	0	24.14	24.21	24.11		
20	16QAM	1	1	24.17	24.33	24.19	24.7	1.0
20	64QAM	1	1	22.36	22.57	22.47	23.2	2.5
20	256QAM	1	1	20.42	20.55	20.43	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.19	25.29	25.16	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.16	25.27	25.11	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.09	25.19	25.13	25.7	0.0

n71 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.25	24.31	24.14	25.5	0.0
20	PI/2 BPSK	1	53	24.27	24.37	24.12		
20	PI/2 BPSK	1	104	24.16	24.32	24.12		
20	PI/2 BPSK	50	0	23.67	23.71	23.62	25.0	0.5
20	PI/2 BPSK	50	28	24.30	24.38	24.24	25.5	0.0
20	PI/2 BPSK	50	56	23.71	23.79	23.66	25.0	0.5
20	PI/2 BPSK	100	0	23.76	23.85	23.63		
20	QPSK	1	1	24.35	24.47	24.26	25.5	0.0
20	QPSK	1	53	24.24	24.32	24.19		
20	QPSK	1	104	24.25	24.35	24.15		
20	QPSK	50	0	23.08	23.19	23.10	24.5	1.0
20	QPSK	50	28	24.20	24.23	24.03	25.5	0.0
20	QPSK	50	56	23.19	23.26	23.23	24.5	1.0
20	QPSK	100	0	23.21	23.24	23.13		
20	16QAM	1	1	23.34	23.48	23.27	24.5	1.0
20	64QAM	1	1	21.59	21.70	21.48	23.0	2.5
20	256QAM	1	1	19.58	19.58	19.43	21.0	4.5
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.22	24.38	24.19	25.5	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.17	24.29	24.16	25.5	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.13	25.5	0.0

n2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1660	1880	1900		
20	PI/2 BPSK	1	1	24.24	24.35	24.18	25.5	0.0
20	PI/2 BPSK	1	53	24.35	24.39	24.20		
20	PI/2 BPSK	1	104	24.31	24.41	24.35		
20	PI/2 BPSK	50	0	23.87	23.91	23.76	25.0	0.5
20	PI/2 BPSK	50	28	24.34	24.39	24.19	25.5	0.0
20	PI/2 BPSK	50	56	23.89	23.94	23.76	25.0	0.5
20	PI/2 BPSK	100	0	23.85	23.92	23.72		
20	QPSK	1	1	24.38	24.45	24.36	25.5	0.0
20	QPSK	1	53	24.38	24.43	24.29		
20	QPSK	1	104	24.26	24.31	24.25		
20	QPSK	50	0	23.28	23.37	23.23	24.5	1.0
20	QPSK	50	28	24.26	24.34	24.19	25.5	0.0
20	QPSK	50	56	23.31	23.32	23.27	24.5	1.0
20	QPSK	100	0	23.29	23.40	23.23		
20	16QAM	1	1	23.32	23.37	23.23	24.5	1.0
20	64QAM	1	1	21.69	21.70	21.62	23.0	2.5
20	256QAM	1	1	19.54	19.64	19.53	21.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.36	24.41	24.31	25.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.26	24.38	24.19	25.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.06	24.12	24.08	25.5	0.0

n7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.76	24.80	24.66	25.7	0.0
50	PI/2 BPSK	1	135	24.99	25.01	24.91		
50	PI/2 BPSK	1	268	24.68	24.79	24.61		
50	PI/2 BPSK	135	0	24.30	24.38	24.24	25.2	0.5
50	PI/2 BPSK	135	68	24.91	25.03	24.87	25.7	0.0
50	PI/2 BPSK	135	135	24.29	24.39	24.27	25.2	0.5
50	PI/2 BPSK	270	0	24.27	24.32	24.12		
50	QPSK	1	1	25.00	25.06	24.92	25.7	0.0
50	QPSK	1	135	24.88	24.99	24.79		
50	QPSK	1	268	24.85	24.94	24.67		
50	QPSK	135	0	23.72	23.90	23.63	24.7	1.0
50	QPSK	135	68	24.84	24.94	24.77	25.7	0.0
50	QPSK	135	135	23.75	23.82	23.71	24.7	1.0
50	QPSK	270	0	23.68	23.81	23.61		
50	16QAM	1	1	23.93	24.07	23.88	24.7	1.0
50	64QAM	1	1	22.01	22.13	21.93	23.2	2.5
50	256QAM	1	1	20.00	20.08	19.95	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.79	24.96	24.76	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.91	24.92	24.78	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.76	24.88	24.80	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.78	24.89	24.83	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.76	24.91	24.69	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.67	24.76	24.65	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.72	24.74	24.68	25.7	0.0

n25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.46	24.55	24.43	25.5	0.0
40	PI/2 BPSK	1	108	24.37	24.56	24.40		
40	PI/2 BPSK	1	214	24.54	24.56	24.40		
40	PI/2 BPSK	108	0	23.92	24.04	23.92	25.0	0.5
40	PI/2 BPSK	108	54	24.47	24.48	24.39	25.5	0.0
40	PI/2 BPSK	108	108	23.87	23.93	23.77	25.0	0.5
40	PI/2 BPSK	216	0	24.21	24.28	24.15		
40	QPSK	1	1	24.57	24.63	24.40	25.5	0.0
40	QPSK	1	108	24.49	24.59	24.37		
40	QPSK	1	214	24.50	24.61	24.47		
40	QPSK	108	0	23.42	23.51	23.34	24.5	1.0
40	QPSK	108	54	24.36	24.48	24.32	25.5	0.0
40	QPSK	108	108	23.40	23.46	23.24	24.5	1.0
40	QPSK	216	0	23.48	23.58	23.44		
40	16QAM	1	1	23.45	23.58	23.42	24.5	1.0
40	64QAM	1	1	21.61	21.73	21.56	23.0	2.5
40	256QAM	1	1	19.68	19.80	19.55	21.0	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.43	24.58	24.56	25.5	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.41	24.51	24.46	25.5	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.50	24.53	24.51	25.5	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.46	24.56	24.49	25.5	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.37	24.41	24.36	25.5	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.31	24.38	24.35	25.5	0.0

n66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.94	25.01	24.83	25.7	0.0
40	PI/2 BPSK	1	108	24.89	25.04	24.84		
40	PI/2 BPSK	1	214	24.94	25.08	24.96		
40	PI/2 BPSK	108	0	24.48	24.53	24.38	25.2	0.5
40	PI/2 BPSK	108	54	24.97	25.10	24.92	25.7	0.0
40	PI/2 BPSK	108	108	24.47	24.57	24.46	25.2	0.5
40	PI/2 BPSK	216	0	24.44	24.56	24.49		
40	QPSK	1	1	25.21	25.29	25.16	25.7	0.0
40	QPSK	1	108	25.10	25.23	25.02		
40	QPSK	1	214	24.97	25.09	24.95		
40	QPSK	108	0	23.95	24.06	23.88	24.7	1.0
40	QPSK	108	54	24.97	25.04	24.92	25.7	0.0
40	QPSK	108	108	23.88	24.03	23.86	24.7	1.0
40	QPSK	216	0	23.96	23.99	23.86		
40	16QAM	1	1	24.08	24.19	24.05	24.7	1.0
40	64QAM	1	1	22.26	22.37	22.25	23.2	2.5
40	256QAM	1	1	20.20	20.33	20.19	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.16	25.21	25.19	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.06	25.23	24.98	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.96	25.17	25.13	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.01	25.06	25.03	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.99	25.12	24.89	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.13	25.19	25.06	25.7	0.0

n38 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.73	24.76	24.77	25.7	0.0
40	PI/2 BPSK	1	53	24.63	24.67	24.73		
40	PI/2 BPSK	1	104	24.77	24.83	24.78		
40	PI/2 BPSK	50	0	24.12	24.16	24.19	25.2	0.5
40	PI/2 BPSK	50	28	24.74	24.75	24.69	25.7	0.0
40	PI/2 BPSK	50	56	24.18	24.14	24.11	25.2	0.5
40	PI/2 BPSK	100	0	24.13	24.27	24.15		
40	QPSK	1	1	24.90	24.95	24.91	25.7	0.0
40	QPSK	1	53	24.84	24.85	24.76		
40	QPSK	1	104	24.71	24.78	24.70		
40	QPSK	50	0	23.58	23.62	23.57	24.7	1.0
40	QPSK	50	28	24.63	24.66	24.63	25.7	0.0
40	QPSK	50	56	23.61	23.67	23.67	24.7	1.0
40	QPSK	100	0	23.69	23.72	23.66		
40	16QAM	1	1	23.78	23.85	23.80	24.7	1.0
40	64QAM	1	1	21.97	21.98	21.92	23.2	2.5
40	256QAM	1	1	19.90	20.03	19.94	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.73	24.83	24.75	25.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.63	24.77	24.64	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.61	24.67	24.61	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.67	24.75	24.72	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.64	24.67	24.66	25.7	0.0

PC3 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.63	23.76	23.62	24.5	0.0
100	PI/2 BPSK	1	137	23.69	23.85	23.65		
100	PI/2 BPSK	1	271	23.59	23.71	23.49		
100	PI/2 BPSK	135	0	23.18	23.16	23.08	24.5	0.0
100	PI/2 BPSK	135	69	23.64	23.88	23.75	24.5	0.0
100	PI/2 BPSK	135	138	23.21	23.23	23.14	24.5	0.0
100	PI/2 BPSK	270	0	23.23	23.29	23.07		
100	QPSK	1	1	23.84	23.89	23.75	24.5	0.0
100	QPSK	1	137	23.82	23.79	23.64		
100	QPSK	1	271	23.67	23.67	23.58		
100	QPSK	135	0	22.59	22.74	22.52	24.5	0.0
100	QPSK	135	69	23.61	23.69	23.51	24.5	0.0
100	QPSK	135	138	22.73	22.84	22.62	24.5	0.0
100	QPSK	270	0	22.58	22.74	22.67		
100	16QAM	1	1	22.89	23.00	22.86	24.5	0.0
100	64QAM	1	1	22.84	22.89	22.85	24.5	0.0
100	256QAM	1	1	21.39	21.41	21.36	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.74	23.77	23.66	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.68	23.75	23.57	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.51	23.55	23.41	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.69	23.70	23.62	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.70	23.72	23.53	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.77	23.80	23.67	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.64	23.66	23.51	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.59	23.65	23.47	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.56	23.60	23.43	24.5	0.0

PC2 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.32	26.44	26.44	27.5	0.0
100	PI/2 BPSK	1	137	26.25	26.36	26.31		
100	PI/2 BPSK	1	271	26.37	26.40	26.39		
100	PI/2 BPSK	135	0	25.90	25.92	25.92	27.0	0.5
100	PI/2 BPSK	135	69	26.32	26.47	26.37	27.5	0.0
100	PI/2 BPSK	135	138	25.80	25.91	25.84	27.0	0.5
100	PI/2 BPSK	270	0	25.79	25.88	25.85		
100	QPSK	1	1	26.57	26.64	26.57	27.5	0.0
100	QPSK	1	137	26.19	26.24	26.18		
100	QPSK	1	271	26.22	26.23	26.20		
100	QPSK	135	0	25.43	25.50	25.53	26.5	1.0
100	QPSK	135	69	26.26	26.35	26.34	27.5	0.0
100	QPSK	135	138	25.42	25.38	25.45	26.5	1.0
100	QPSK	270	0	25.45	25.50	25.44		
100	16QAM	1	1	25.42	25.50	25.51	26.5	1.0
100	64QAM	1	1	23.70	23.80	23.71	25.0	2.5
100	256QAM	1	1	21.80	21.75	21.80	23.0	4.5
Channel				508200	518598	528998	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.49	26.53	26.44	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.45	26.55	26.44	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.45	26.52	26.44	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.42	26.51	26.35	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.39	26.42	26.42	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.35	26.39	26.33	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.33	26.39	26.39	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.35	26.36	26.29	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.26	26.32	26.31	27.5	0.0

n2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	24.13	24.30	24.31	25.7	0.0
20	PI/2 BPSK	1	53	24.06	24.29	24.22		
20	PI/2 BPSK	1	104	24.13	24.31	24.27		
20	PI/2 BPSK	50	0	23.51	23.73	23.70	25.2	0.5
20	PI/2 BPSK	50	28	24.00	24.24	24.21	25.7	0.0
20	PI/2 BPSK	50	56	23.54	23.75	23.74	25.2	0.5
20	PI/2 BPSK	100	0	23.50	23.74	23.75		
20	QPSK	1	1	24.16	24.33	24.29	25.7	0.0
20	QPSK	1	53	24.03	24.25	24.23		
20	QPSK	1	104	23.99	24.21	24.20		
20	QPSK	50	0	23.02	23.22	23.18	24.7	1.0
20	QPSK	50	28	23.90	24.15	24.13	25.7	0.0
20	QPSK	50	56	23.00	23.22	23.19	24.7	1.0
20	QPSK	100	0	23.02	23.24	23.20		
20	16QAM	1	1	23.03	23.23	23.18	24.7	1.0
20	64QAM	1	1	21.45	21.61	21.52	23.2	2.5
20	256QAM	1	1	19.36	19.52	19.50	21.2	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.05	24.23	24.20	25.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.05	24.19	24.08	25.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.94	24.12	24.10	25.7	0.0

n7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.52	24.74	24.49	25.7	0.0
50	PI/2 BPSK	1	135	24.54	24.73	24.48		
50	PI/2 BPSK	1	268	24.56	24.70	24.50		
50	PI/2 BPSK	135	0	23.98	24.20	24.01	25.2	0.5
50	PI/2 BPSK	135	68	24.66	24.83	24.67	25.7	0.0
50	PI/2 BPSK	135	135	24.00	24.19	24.03	25.2	0.5
50	PI/2 BPSK	270	0	24.03	24.15	23.90		
50	QPSK	1	1	24.68	24.89	24.70	25.7	0.0
50	QPSK	1	135	24.71	24.86	24.63		
50	QPSK	1	268	24.56	24.73	24.49		
50	QPSK	135	0	23.43	23.64	23.43	24.7	1.0
50	QPSK	135	68	24.58	24.81	24.61	25.7	0.0
50	QPSK	135	135	23.51	23.65	23.48	24.7	1.0
50	QPSK	270	0	23.51	23.65	23.45		
50	16QAM	1	1	23.67	23.81	23.65	24.7	1.0
50	64QAM	1	1	21.81	21.99	21.74	23.2	2.5
50	256QAM	1	1	19.75	19.94	19.69	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.55	24.77	24.54	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.48	24.69	24.50	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.50	24.71	24.55	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.46	24.68	24.45	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.47	24.63	24.41	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.42	24.58	24.36	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.43	24.55	24.45	25.7	0.0

n25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.32	24.42	24.38	25.7	0.0
40	PI/2 BPSK	1	108	24.22	24.33	24.29		
40	PI/2 BPSK	1	214	24.27	24.40	24.35		
40	PI/2 BPSK	108	0	23.65	23.79	23.78	25.2	0.5
40	PI/2 BPSK	108	54	24.16	24.33	24.24	25.7	0.0
40	PI/2 BPSK	108	108	23.60	23.76	23.69	25.2	0.5
40	PI/2 BPSK	216	0	23.80	23.95	23.90		
40	QPSK	1	1	24.33	24.44	24.36	25.7	0.0
40	QPSK	1	108	24.23	24.35	24.29		
40	QPSK	1	214	24.31	24.40	24.35		
40	QPSK	108	0	23.08	23.23	23.18	24.7	1.0
40	QPSK	108	54	24.10	24.23	24.15	25.7	0.0
40	QPSK	108	108	23.08	23.22	23.19	24.7	1.0
40	QPSK	216	0	23.15	23.32	23.24		
40	16QAM	1	1	23.16	23.34	23.27	24.7	1.0
40	64QAM	1	1	21.42	21.51	21.49	23.2	2.5
40	256QAM	1	1	19.44	19.57	19.54	21.2	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.20	24.37	24.23	25.7	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.20	24.33	24.21	25.7	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.23	24.35	24.19	25.7	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.19	24.34	24.19	25.7	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.16	24.31	24.17	25.7	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.23	24.24	24.16	25.7	0.0

n66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.87	24.86	24.85	25.7	0.0
40	PI/2 BPSK	1	108	24.88	24.88	24.80		
40	PI/2 BPSK	1	214	24.84	24.92	24.86		
40	PI/2 BPSK	108	0	24.42	24.45	24.45	25.2	0.5
40	PI/2 BPSK	108	54	24.82	24.92	24.82	25.7	0.0
40	PI/2 BPSK	108	108	24.41	24.42	24.43	25.2	0.5
40	PI/2 BPSK	216	0	24.36	24.35	24.40		
40	QPSK	1	1	24.95	25.02	25.00	25.7	0.0
40	QPSK	1	108	24.93	24.97	24.96		
40	QPSK	1	214	24.84	24.92	24.84		
40	QPSK	108	0	23.91	23.98	23.93	24.7	1.0
40	QPSK	108	54	24.78	24.87	24.78	25.7	0.0
40	QPSK	108	108	23.88	23.85	23.87	24.7	1.0
40	QPSK	216	0	23.83	23.90	23.88		
40	16QAM	1	1	24.06	24.00	23.97	24.7	1.0
40	64QAM	1	1	22.21	22.16	22.10	23.2	2.5
40	256QAM	1	1	20.14	20.14	20.17	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.90	24.97	24.95	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.88	24.96	24.91	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.85	24.87	24.82	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.74	24.84	24.80	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.74	24.86	24.85	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.73	24.81	24.80	25.7	0.0

n38 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.56	24.63	24.51	25.7	0.0
40	PI/2 BPSK	1	53	24.44	24.60	24.43		
40	PI/2 BPSK	1	104	24.44	24.56	24.43		
40	PI/2 BPSK	50	0	23.95	24.02	23.86	25.2	0.5
40	PI/2 BPSK	50	28	24.40	24.56	24.41	25.7	0.0
40	PI/2 BPSK	50	56	23.94	24.05	23.89	25.2	0.5
40	PI/2 BPSK	100	0	23.92	24.04	23.90		
40	QPSK	1	1	24.70	24.75	24.55	25.7	0.0
40	QPSK	1	53	24.60	24.72	24.49		
40	QPSK	1	104	24.47	24.60	24.34		
40	QPSK	50	0	23.40	23.52	23.37	24.7	1.0
40	QPSK	50	28	24.38	24.59	24.31	25.7	0.0
40	QPSK	50	56	23.44	23.54	23.37	24.7	1.0
40	QPSK	100	0	23.39	23.54	23.41		
40	16QAM	1	1	23.55	23.67	23.49	24.7	1.0
40	64QAM	1	1	21.73	21.89	21.71	23.2	2.5
40	256QAM	1	1	19.70	19.83	19.70	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.55	24.61	24.40	25.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.59	24.63	24.43	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.58	24.56	24.43	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.57	24.65	24.40	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.55	24.57	24.37	25.7	0.0

PC3 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.95	23.10	22.90	24.5	0.0
100	PI/2 BPSK	1	137	22.87	23.03	22.87		
100	PI/2 BPSK	1	271	23.00	23.19	22.98		
100	PI/2 BPSK	135	0	22.82	23.06	22.79	24.5	0.0
100	PI/2 BPSK	135	69	22.91	23.17	22.92	24.5	0.0
100	PI/2 BPSK	135	138	22.96	23.14	22.93	24.5	0.0
100	PI/2 BPSK	270	0	22.94	23.13	22.86		
100	QPSK	1	1	23.06	23.20	22.97	24.5	0.0
100	QPSK	1	137	22.80	23.12	22.89		
100	QPSK	1	271	23.04	23.13	23.04		
100	QPSK	135	0	22.87	23.08	22.85	24.5	0.0
100	QPSK	135	69	22.92	23.18	22.97	24.5	0.0
100	QPSK	135	138	22.92	23.01	22.94	24.5	0.0
100	QPSK	270	0	23.04	23.11	23.06		
100	16QAM	1	1	22.93	23.08	22.87	24.5	0.0
100	64QAM	1	1	23.08	23.18	22.97	24.5	0.0
100	256QAM	1	1	21.38	21.63	21.37	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.00	23.14	22.84	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.99	23.13	22.91	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.98	23.04	22.78	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.04	22.79	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.86	23.01	22.82	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.93	23.05	22.85	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.83	23.02	22.80	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.85	23.04	22.80	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.93	23.03	22.74	24.5	0.0

PC2 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.97	26.08	26.09	27.5	0.0
100	PI/2 BPSK	1	137	25.80	26.02	25.90		
100	PI/2 BPSK	1	271	25.88	25.99	25.90		
100	PI/2 BPSK	135	0	25.42	25.58	25.57	27.0	0.5
100	PI/2 BPSK	135	69	25.94	26.00	25.96	27.5	0.0
100	PI/2 BPSK	135	138	25.44	25.49	25.38	27.0	0.5
100	PI/2 BPSK	270	0	25.46	25.54	25.48		
100	QPSK	1	1	26.07	26.22	26.20	27.5	0.0
100	QPSK	1	137	25.74	25.90	25.77		
100	QPSK	1	271	25.74	25.87	25.84		
100	QPSK	135	0	25.04	25.17	25.08	26.5	1.0
100	QPSK	135	69	25.87	26.00	25.92	27.5	0.0
100	QPSK	135	138	24.99	25.05	24.95	26.5	1.0
100	QPSK	270	0	24.93	25.14	24.99		
100	16QAM	1	1	25.12	25.23	25.12	26.5	1.0
100	64QAM	1	1	23.29	23.41	23.34	25.0	2.5
100	256QAM	1	1	21.49	21.56	21.48	23.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.95	26.15	26.14	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.95	26.13	26.01	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.91	26.07	26.03	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.94	26.04	26.05	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.85	26.02	26.08	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.88	26.11	26.05	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.85	26.03	25.98	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.91	26.07	26.02	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.92	26.04	25.97	27.5	0.0

n2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.68	23.77	23.70	25.5	0.0
20	PI/2 BPSK	1	53	23.84	23.95	23.89		
20	PI/2 BPSK	1	104	23.86	23.97	23.84		
20	PI/2 BPSK	50	0	23.22	23.37	23.31	25.0	0.5
20	PI/2 BPSK	50	28	23.75	23.89	23.83	25.5	0.0
20	PI/2 BPSK	50	56	23.34	23.47	23.34	25.0	0.5
20	PI/2 BPSK	100	0	23.24	23.36	23.34		
20	QPSK	1	1	23.88	24.03	24.00	25.5	0.0
20	QPSK	1	53	23.82	23.95	23.81		
20	QPSK	1	104	23.75	23.92	23.86		
20	QPSK	50	0	22.75	22.91	22.85	24.5	1.0
20	QPSK	50	28	23.66	23.87	23.78	25.5	0.0
20	QPSK	50	56	22.80	22.91	22.83	24.5	1.0
20	QPSK	100	0	22.80	22.97	22.81		
20	16QAM	1	1	22.83	22.93	22.90	24.5	1.0
20	64QAM	1	1	21.19	21.32	21.17	23.0	2.5
20	256QAM	1	1	19.03	19.26	19.12	21.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.78	23.96	23.93	25.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.77	23.93	23.92	25.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.83	23.90	23.88	25.5	0.0

n7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.34	24.38	24.33	25.7	0.0
50	PI/2 BPSK	1	135	24.39	24.39	24.39		
50	PI/2 BPSK	1	268	24.30	24.31	24.24		
50	PI/2 BPSK	135	0	23.92	23.96	23.88	25.2	0.5
50	PI/2 BPSK	135	68	24.51	24.52	24.44	25.7	0.0
50	PI/2 BPSK	135	135	23.93	23.90	23.89	25.2	0.5
50	PI/2 BPSK	270	0	23.87	23.84	23.80		
50	QPSK	1	1	24.51	24.58	24.48	25.7	0.0
50	QPSK	1	135	24.48	24.55	24.47		
50	QPSK	1	268	24.33	24.46	24.37		
50	QPSK	135	0	23.32	23.41	23.35	24.7	1.0
50	QPSK	135	68	24.45	24.50	24.41	25.7	0.0
50	QPSK	135	135	23.35	23.39	23.35	24.7	1.0
50	QPSK	270	0	23.37	23.38	23.28		
50	16QAM	1	1	23.52	23.55	23.52	24.7	1.0
50	64QAM	1	1	21.67	21.70	21.66	23.2	2.5
50	256QAM	1	1	19.58	19.66	19.65	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.39	24.54	24.36	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.35	24.48	24.39	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.44	24.52	24.38	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.43	24.47	24.41	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.45	24.44	24.35	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.37	24.45	24.34	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.35	24.44	24.32	25.7	0.0

n25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.94	24.03	24.01	25.5	0.0
40	PI/2 BPSK	1	108	23.84	23.95	23.83		
40	PI/2 BPSK	1	214	23.92	24.07	23.95		
40	PI/2 BPSK	108	0	23.29	23.45	23.30	25.0	0.5
40	PI/2 BPSK	108	54	23.81	24.00	23.88	25.5	0.0
40	PI/2 BPSK	108	108	23.25	23.51	23.35	25.0	0.5
40	PI/2 BPSK	216	0	23.58	23.72	23.67		
40	QPSK	1	1	23.99	24.11	24.06	25.5	0.0
40	QPSK	1	108	23.84	24.06	23.95		
40	QPSK	1	214	23.91	24.10	23.93		
40	QPSK	108	0	22.81	22.95	22.83	24.5	1.0
40	QPSK	108	54	23.66	23.83	23.79	25.5	0.0
40	QPSK	108	108	22.68	22.85	22.73	24.5	1.0
40	QPSK	216	0	22.79	23.04	22.92		
40	16QAM	1	1	22.79	22.94	22.87	24.5	1.0
40	64QAM	1	1	21.01	21.15	21.08	23.0	2.5
40	256QAM	1	1	19.15	19.15	19.09	21.0	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.82	23.97	23.95	25.5	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.84	23.96	23.96	25.5	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.81	23.93	23.90	25.5	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.84	23.90	23.87	25.5	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.79	23.89	23.93	25.5	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.76	23.94	23.81	25.5	0.0

n66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.57	24.61	24.51	25.7	0.0
40	PI/2 BPSK	1	108	24.65	24.64	24.54		
40	PI/2 BPSK	1	214	24.62	24.72	24.58		
40	PI/2 BPSK	108	0	24.15	24.27	24.12	25.2	0.5
40	PI/2 BPSK	108	54	24.60	24.76	24.66	25.7	0.0
40	PI/2 BPSK	108	108	24.16	24.24	24.14	25.2	0.5
40	PI/2 BPSK	216	0	24.09	24.18	24.13		
40	QPSK	1	1	24.80	24.86	24.76	25.7	0.0
40	QPSK	1	108	24.81	24.83	24.71		
40	QPSK	1	214	24.70	24.74	24.64		
40	QPSK	108	0	23.62	23.75	23.61	24.7	1.0
40	QPSK	108	54	24.58	24.70	24.60	25.7	0.0
40	QPSK	108	108	23.59	23.64	23.62	24.7	1.0
40	QPSK	216	0	23.59	23.69	23.56		
40	16QAM	1	1	23.70	23.81	23.77	24.7	1.0
40	64QAM	1	1	21.96	22.01	21.92	23.2	2.5
40	256QAM	1	1	19.95	20.03	19.94	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.70	24.72	24.69	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.68	24.71	24.67	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.62	24.70	24.64	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.61	24.66	24.63	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.56	24.61	24.59	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.67	24.65	24.66	25.7	0.0

n38 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.44	24.52	24.47	25.7	0.0
40	PI/2 BPSK	1	53	24.50	24.48	24.49		
40	PI/2 BPSK	1	104	24.49	24.54	24.44		
40	PI/2 BPSK	50	0	23.86	23.92	23.87	25.2	0.5
40	PI/2 BPSK	50	28	24.36	24.43	24.35	25.7	0.0
40	PI/2 BPSK	50	56	23.89	23.97	23.85	25.2	0.5
40	PI/2 BPSK	100	0	23.87	23.99	23.94		
40	QPSK	1	1	24.64	24.69	24.65	25.7	0.0
40	QPSK	1	53	24.49	24.56	24.53		
40	QPSK	1	104	24.44	24.46	24.50		
40	QPSK	50	0	23.30	23.36	23.37	24.7	1.0
40	QPSK	50	28	24.35	24.43	24.41	25.7	0.0
40	QPSK	50	56	23.38	23.40	23.40	24.7	1.0
40	QPSK	100	0	23.33	23.41	23.39		
40	16QAM	1	1	23.52	23.60	23.56	24.7	1.0
40	64QAM	1	1	21.68	21.79	21.67	23.2	2.5
40	256QAM	1	1	19.63	19.75	19.69	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.56	24.61	24.51	25.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.46	24.60	24.58	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.52	24.54	24.48	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.53	24.51	24.55	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.50	24.48	24.49	25.7	0.0

PC3 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.17	23.28	22.95	24.5	0.0
100	PI/2 BPSK	1	137	23.22	23.26	22.89		
100	PI/2 BPSK	1	271	23.18	23.22	22.83		
100	PI/2 BPSK	135	0	23.09	23.24	22.86	24.5	0.0
100	PI/2 BPSK	135	69	23.08	23.23	22.80	24.5	0.0
100	PI/2 BPSK	135	138	23.07	23.22	22.80	24.5	0.0
100	PI/2 BPSK	270	0	23.23	23.29	22.92		
100	QPSK	1	1	23.28	23.38	22.98	24.5	0.0
100	QPSK	1	137	23.16	23.28	22.87		
100	QPSK	1	271	23.09	23.20	22.78		
100	QPSK	135	0	23.22	23.35	23.00	24.5	0.0
100	QPSK	135	69	23.28	23.36	22.94	24.5	0.0
100	QPSK	135	138	23.23	23.33	22.95	24.5	0.0
100	QPSK	270	0	23.08	23.22	22.83		
100	16QAM	1	1	23.08	23.19	22.87	24.5	0.0
100	64QAM	1	1	23.17	23.25	22.83	24.5	0.0
100	256QAM	1	1	21.63	21.72	21.41	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.15	23.31	22.92	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.19	23.29	22.82	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.19	23.24	22.83	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.17	23.23	22.92	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.16	23.21	22.78	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.08	23.18	22.79	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.16	23.16	22.93	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.02	23.15	22.89	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.12	22.79	24.5	0.0

PC2 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.06	26.04	25.89	27.5	0.0
100	PI/2 BPSK	1	137	25.80	25.91	25.70		
100	PI/2 BPSK	1	271	25.91	25.91	25.80		
100	PI/2 BPSK	135	0	25.37	25.50	25.34	27.0	0.5
100	PI/2 BPSK	135	69	26.00	26.02	25.91	27.5	0.0
100	PI/2 BPSK	135	138	25.42	25.41	25.29	27.0	0.5
100	PI/2 BPSK	270	0	25.43	25.47	25.42		
100	QPSK	1	1	25.92	26.03	25.81	27.5	0.0
100	QPSK	1	137	25.73	25.84	25.71		
100	QPSK	1	271	25.89	25.87	25.78		
100	QPSK	135	0	24.98	24.96	24.89	26.5	1.0
100	QPSK	135	69	26.06	26.12	25.96	27.5	0.0
100	QPSK	135	138	24.94	24.98	24.78	26.5	1.0
100	QPSK	270	0	24.91	25.01	24.88		
100	16QAM	1	1	25.09	25.12	25.01	26.5	1.0
100	64QAM	1	1	23.36	23.36	23.29	25.0	2.5
100	256QAM	1	1	21.62	21.55	21.53	23.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.80	25.98	25.77	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.82	25.90	25.75	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.75	25.82	25.62	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.74	25.88	25.61	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.73	25.83	25.61	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.68	25.74	25.51	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.70	25.73	25.58	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.59	25.74	25.57	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.59	25.73	25.51	27.5	0.0

n2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.28	23.26	23.29	25.0	0.0
20	PI/2 BPSK	1	53	23.05	23.16	23.11		
20	PI/2 BPSK	1	104	23.18	23.21	23.16		
20	PI/2 BPSK	50	0	22.65	22.68	22.63	24.5	0.5
20	PI/2 BPSK	50	28	23.08	23.18	23.10	25.0	0.0
20	PI/2 BPSK	50	56	22.63	22.69	22.63	24.5	0.5
20	PI/2 BPSK	100	0	22.62	22.67	22.63		
20	QPSK	1	1	23.23	23.36	23.23	25.0	0.0
20	QPSK	1	53	23.20	23.24	23.15		
20	QPSK	1	104	23.08	23.12	23.14		
20	QPSK	50	0	22.11	22.18	22.19	24.0	1.0
20	QPSK	50	28	23.02	23.15	23.05	25.0	0.0
20	QPSK	50	56	22.10	22.18	22.15	24.0	1.0
20	QPSK	100	0	22.11	22.24	22.13		
20	16QAM	1	1	22.14	22.22	22.23	24.0	1.0
20	64QAM	1	1	20.64	20.66	20.66	22.5	2.5
20	256QAM	1	1	18.59	18.71	18.61	20.5	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.09	23.28	23.16	25.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.11	23.23	23.13	25.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.15	23.21	23.12	25.0	0.0

n7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.54	23.68	23.66	25.5	0.0
50	PI/2 BPSK	1	135	23.72	23.96	23.86		
50	PI/2 BPSK	1	268	23.51	23.78	23.75		
50	PI/2 BPSK	135	0	23.02	23.29	23.21	25.0	0.5
50	PI/2 BPSK	135	68	23.68	23.89	23.80	25.5	0.0
50	PI/2 BPSK	135	135	23.04	23.29	23.22	25.0	0.5
50	PI/2 BPSK	270	0	23.06	23.20	23.19		
50	QPSK	1	1	23.74	23.98	23.83	25.5	0.0
50	QPSK	1	135	23.57	23.80	23.71		
50	QPSK	1	268	23.54	23.80	23.69		
50	QPSK	135	0	22.55	22.74	22.63	24.5	1.0
50	QPSK	135	68	23.65	23.86	23.78	25.5	0.0
50	QPSK	135	135	22.53	22.71	22.75	24.5	1.0
50	QPSK	270	0	22.52	22.76	22.72		
50	16QAM	1	1	22.75	22.92	22.91	24.5	1.0
50	64QAM	1	1	21.01	21.17	21.14	23.0	2.5
50	256QAM	1	1	19.08	19.29	19.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.68	23.83	23.75	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.56	23.81	23.67	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.60	23.78	23.67	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.54	23.76	23.68	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.55	23.79	23.63	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.61	23.78	23.64	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.57	23.77	23.59	25.5	0.0

n25 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.28	23.45	23.29	25.0	0.0
40	PI/2 BPSK	1	108	23.32	23.48	23.30		
40	PI/2 BPSK	1	214	23.25	23.42	23.34		
40	PI/2 BPSK	108	0	22.71	22.87	22.73	24.5	0.5
40	PI/2 BPSK	108	54	23.24	23.40	23.27	25.0	0.0
40	PI/2 BPSK	108	108	22.71	22.78	22.70	24.5	0.5
40	PI/2 BPSK	216	0	22.94	23.10	22.94		
40	QPSK	1	1	23.47	23.53	23.38	25.0	0.0
40	QPSK	1	108	23.42	23.48	23.34		
40	QPSK	1	214	23.36	23.52	23.34		
40	QPSK	108	0	22.30	22.39	22.31	24.0	1.0
40	QPSK	108	54	23.26	23.38	23.22	25.0	0.0
40	QPSK	108	108	22.28	22.35	22.27	24.0	1.0
40	QPSK	216	0	22.33	22.50	22.35		
40	16QAM	1	1	22.38	22.46	22.31	24.0	1.0
40	64QAM	1	1	20.60	20.81	20.66	22.5	2.5
40	256QAM	1	1	18.67	18.85	18.66	20.5	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.32	23.44	23.30	25.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.38	23.42	23.34	25.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.34	23.37	23.25	25.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.28	23.36	23.24	25.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.26	23.31	23.39	25.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.26	23.19	25.0	0.0

n66 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.54	23.82	23.76	25.5	0.0
40	PI/2 BPSK	1	108	23.84	24.13	24.01		
40	PI/2 BPSK	1	214	23.67	23.92	23.82		
40	PI/2 BPSK	108	0	23.21	23.49	23.35	25.0	0.5
40	PI/2 BPSK	108	54	23.79	23.98	23.91	25.5	0.0
40	PI/2 BPSK	108	108	23.30	23.49	23.36	25.0	0.5
40	PI/2 BPSK	216	0	23.21	23.48	23.33		
40	QPSK	1	1	23.96	24.15	24.02	25.5	0.0
40	QPSK	1	108	23.73	23.96	23.90		
40	QPSK	1	214	23.72	24.00	23.93		
40	QPSK	108	0	22.78	22.97	22.84	24.5	1.0
40	QPSK	108	54	23.71	23.93	23.87	25.5	0.0
40	QPSK	108	108	22.77	22.96	22.83	24.5	1.0
40	QPSK	216	0	22.78	22.97	22.83		
40	16QAM	1	1	22.85	23.11	22.97	24.5	1.0
40	64QAM	1	1	21.03	21.29	21.20	23.0	2.5
40	256QAM	1	1	19.01	19.27	19.16	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	24.09	23.92	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	24.08	23.96	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.82	24.05	23.90	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.91	23.99	23.97	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.87	23.89	23.87	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.83	23.87	23.69	25.5	0.0

n38 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.69	23.81	23.81	25.5	0.0
40	PI/2 BPSK	1	53	23.83	24.01	23.89		
40	PI/2 BPSK	1	104	23.82	23.87	23.89		
40	PI/2 BPSK	50	0	23.06	23.18	23.12	25.0	0.5
40	PI/2 BPSK	50	28	23.62	23.74	23.66	25.5	0.0
40	PI/2 BPSK	50	56	23.13	23.24	23.21	25.0	0.5
40	PI/2 BPSK	100	0	23.22	23.31	23.20		
40	QPSK	1	1	23.89	24.03	23.87	25.5	0.0
40	QPSK	1	53	23.79	23.84	23.74		
40	QPSK	1	104	23.79	23.87	23.80		
40	QPSK	50	0	22.72	22.87	22.76	24.5	1.0
40	QPSK	50	28	23.72	23.82	23.76	25.5	0.0
40	QPSK	50	56	22.71	22.89	22.85	24.5	1.0
40	QPSK	100	0	22.67	22.78	22.73		
40	16QAM	1	1	22.86	22.99	22.98	24.5	1.0
40	64QAM	1	1	21.13	21.18	21.13	23.0	2.5
40	256QAM	1	1	19.01	19.19	19.11	21.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.78	23.97	23.83	25.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.80	23.90	23.82	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.76	23.92	23.80	25.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.70	23.89	23.72	25.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.77	23.88	23.72	25.5	0.0

PC3 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.37	22.30	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.38	22.27		
100	PI/2 BPSK	1	271	22.04	22.21	22.13		
100	PI/2 BPSK	135	0	22.11	22.12	22.11	24.0	0.0
100	PI/2 BPSK	135	69	22.23	22.36	22.24	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.37	22.27	24.0	0.0
100	PI/2 BPSK	270	0	22.15	22.24	22.28		
100	QPSK	1	1	22.27	22.39	22.35	24.0	0.0
100	QPSK	1	137	22.16	22.17	22.15		
100	QPSK	1	271	22.24	22.24	22.29		
100	QPSK	135	0	22.15	22.23	22.10	24.0	0.0
100	QPSK	135	69	22.28	22.30	22.24	24.0	0.0
100	QPSK	135	138	22.15	22.16	22.06	24.0	0.0
100	QPSK	270	0	22.34	22.37	22.33		
100	16QAM	1	1	22.17	22.23	22.24	24.0	0.0
100	64QAM	1	1	22.30	22.34	22.30	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.90	22.5	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.22	22.28	22.20	24.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.11	22.34	22.27	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.11	22.29	22.28	24.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.14	22.27	22.22	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.10	22.26	22.27	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.12	22.22	22.22	24.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.09	22.21	22.19	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.13	22.18	22.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.04	22.16	22.06	24.0	0.0

PC2 n41 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.15	25.32	25.15	27.0	0.0
100	PI/2 BPSK	1	137	25.02	25.14	25.02		
100	PI/2 BPSK	1	271	25.03	25.28	25.10		
100	PI/2 BPSK	135	0	24.69	24.89	24.68	26.5	0.5
100	PI/2 BPSK	135	69	25.04	25.25	25.01	27.0	0.0
100	PI/2 BPSK	135	138	24.57	24.79	24.65	26.5	0.5
100	PI/2 BPSK	270	0	24.53	24.72	24.58		
100	QPSK	1	1	25.23	25.39	25.21	27.0	0.0
100	QPSK	1	137	25.02	25.17	25.06		
100	QPSK	1	271	25.07	25.23	25.07		
100	QPSK	135	0	24.12	24.31	24.20	26.0	1.0
100	QPSK	135	69	25.07	25.32	25.11	27.0	0.0
100	QPSK	135	138	24.02	24.22	24.11	26.0	1.0
100	QPSK	270	0	24.02	24.15	24.03		
100	16QAM	1	1	24.14	24.35	24.23	26.0	1.0
100	64QAM	1	1	22.60	22.80	22.56	24.5	2.5
100	256QAM	1	1	20.72	20.93	20.78	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.09	25.32	25.14	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.19	25.34	25.13	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.09	25.31	25.11	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.10	25.28	25.08	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.08	25.26	25.14	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.18	25.23	25.22	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.17	25.19	25.16	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.09	25.16	25.12	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.13	25.16	25.14	27.0	0.0

n48 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.53	22.68	22.59	23.5	1.0
40	PI/2 BPSK	1	53	22.61	22.79	22.60		
40	PI/2 BPSK	1	104	22.59	22.79	22.56		
40	PI/2 BPSK	50	0	22.07	22.17	22.03	23.0	1.5
40	PI/2 BPSK	50	28	22.67	22.82	22.51	23.5	1.0
40	PI/2 BPSK	50	56	22.15	22.36	22.09	23.0	1.5
40	PI/2 BPSK	100	0	22.12	22.27	22.05		
40	QPSK	1	1	23.81	23.94	23.68	24.5	0.0
40	QPSK	1	53	23.64	23.80	23.50		
40	QPSK	1	104	23.65	23.77	23.54		
40	QPSK	50	0	22.63	22.76	22.55	23.5	1.0
40	QPSK	50	28	23.66	23.77	23.48	24.5	0.0
40	QPSK	50	56	22.82	22.82	22.57	23.5	1.0
40	QPSK	100	0	22.56	22.77	22.51		
40	16QAM	1	1	22.57	22.71	22.49	23.5	1.0
40	64QAM	1	1	20.86	21.03	20.80	22.0	2.5
40	256QAM	1	1	18.79	18.91	18.62	20.0	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.71	23.83	23.61	24.5	0.0
Channel				637168	641666	646168	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.73	23.79	23.57	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.73	23.76	23.51	24.5	0.0

PC3 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.41	22.49	22.26	23.5	0.0
100	PI/2 BPSK	1	137	22.31	22.45	22.29		
100	PI/2 BPSK	1	271	22.25	22.39	22.24		
100	PI/2 BPSK	135	0	22.18	22.34	22.10	23.5	0.0
100	PI/2 BPSK	135	69	22.38	22.50	22.32	23.5	0.0
100	PI/2 BPSK	135	138	22.40	22.49	22.31	23.5	0.0
100	PI/2 BPSK	270	0	22.26	22.44	22.26		
100	QPSK	1	1	22.44	22.53	22.36	23.5	0.0
100	QPSK	1	137	22.35	22.44	22.23		
100	QPSK	1	271	22.27	22.43	22.26		
100	QPSK	135	0	22.33	22.43	22.25	23.5	0.0
100	QPSK	135	69	22.36	22.49	22.26	23.5	0.0
100	QPSK	135	138	22.26	22.41	22.27	23.5	0.0
100	QPSK	270	0	22.28	22.42	22.17		
100	16QAM	1	1	22.26	22.41	22.24	23.5	0.0
100	64QAM	1	1	22.23	22.40	22.15	23.5	0.0
100	256QAM	1	1	20.72	20.82	20.67	22.0	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.40	22.45	22.22	23.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.37	22.40	22.19	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.37	22.41	22.26	23.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.22	22.37	22.25	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.39	22.34	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.18	22.36	22.31	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.16	22.32	22.27	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.14	22.34	22.31	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.16	22.36	22.29	23.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.17	22.39	22.37	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.14	22.33	22.19	23.5	0.0

PC2 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.49	25.58	25.41	26.5	0.0
100	PI/2 BPSK	1	137	25.32	25.50	25.25		
100	PI/2 BPSK	1	271	25.26	25.41	25.16		
100	PI/2 BPSK	135	0	25.05	25.20	24.92	26.0	0.5
100	PI/2 BPSK	135	69	25.42	25.65	25.42	26.5	0.0
100	PI/2 BPSK	135	138	25.01	25.16	24.89	26.0	0.5
100	PI/2 BPSK	270	0	25.01	25.22	24.93		
100	QPSK	1	1	25.51	25.72	25.49	26.5	0.0
100	QPSK	1	137	25.31	25.41	25.19		
100	QPSK	1	271	25.12	25.26	25.07		
100	QPSK	135	0	24.66	24.81	24.57	25.5	1.0
100	QPSK	135	69	25.56	25.72	25.43	26.5	0.0
100	QPSK	135	138	24.48	24.68	24.41	25.5	1.0
100	QPSK	270	0	24.53	24.72	24.46		
100	16QAM	1	1	24.39	24.57	24.28	25.5	1.0
100	64QAM	1	1	22.91	23.10	22.79	24.0	2.5
100	256QAM	1	1	20.92	21.12	20.84	22.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.43	25.64	25.38	26.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.44	25.69	25.37	26.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.45	25.58	25.39	26.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.36	25.52	25.29	26.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.28	25.51	25.28	26.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.34	25.55	25.32	26.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.26	25.47	25.25	26.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.34	25.57	25.26	26.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.29	25.51	25.24	26.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.29	25.46	25.31	26.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.30	25.50	25.28	26.5	0.0

PC3 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.33		23.5	0.0
100	PI/2 BPSK	1	137		22.42			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.28		23.5	0.0
100	PI/2 BPSK	135	69		22.35		23.5	0.0
100	PI/2 BPSK	135	138		22.30		23.5	0.0
100	PI/2 BPSK	270	0		22.37			
100	QPSK	1	1		22.56		23.5	0.0
100	QPSK	1	137		22.32			
100	QPSK	1	271		22.41			
100	QPSK	135	0		22.47		23.5	0.0
100	QPSK	135	69		22.48		23.5	0.0
100	QPSK	135	138		22.44		23.5	0.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.49		23.5	0.0
100	64QAM	1	1		22.42		23.5	0.0
100	256QAM	1	1		20.80		22.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.51	22.53	22.49	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.48	22.51	22.46	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.49	22.48	22.53	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.38	22.46	22.41	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.46	22.49	22.47	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.37	22.46	22.39	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.49	22.51	22.47	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.37	22.39	22.31	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.29	22.34	22.28	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.38	22.45	22.43	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.29	22.31	22.27	23.5	0.0

PC2 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.60			
100	PI/2 BPSK	1	137		25.63		26.5	0.0
100	PI/2 BPSK	1	271		25.59			
100	PI/2 BPSK	135	0		25.23		26.0	0.5
100	PI/2 BPSK	135	69		25.61		26.5	0.0
100	PI/2 BPSK	135	138		25.17		26.0	0.5
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.77			
100	QPSK	1	137		25.56		26.5	0.0
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.84		25.5	1.0
100	QPSK	135	69		25.64		26.5	0.0
100	QPSK	135	138		24.69		25.5	1.0
100	QPSK	270	0		24.74			
100	16QAM	1	1		24.72		25.5	1.0
100	64QAM	1	1		22.97		24.0	2.5
100	256QAM	1	1		21.13		22.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.64	25.75	25.63	26.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.66	25.73	25.63	26.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.71	25.71	25.64	26.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.66	25.69	25.64	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.68	25.67	25.61	26.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.57	25.61	25.59	26.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.61	25.63	25.58	26.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.43	25.49	25.41	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.51	25.58	25.51	26.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.48	25.56	25.53	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.39	25.41	25.36	26.5	0.0

PC3 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.51			
100	PI/2 BPSK	1	137		23.46		24.5	0.0
100	PI/2 BPSK	1	271		23.47			
100	PI/2 BPSK	135	0		23.44		24.5	0.0
100	PI/2 BPSK	135	69		23.59		24.5	0.0
100	PI/2 BPSK	135	138		23.43		24.5	0.0
100	PI/2 BPSK	270	0		23.64			
100	QPSK	1	1		23.65			
100	QPSK	1	137		23.45		24.5	0.0
100	QPSK	1	271		23.59			
100	QPSK	135	0		23.60		24.5	0.0
100	QPSK	135	69		23.62		24.5	0.0
100	QPSK	135	138		23.58		24.5	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.52		24.5	0.0
100	64QAM	1	1		23.57		24.5	0.0
100	256QAM	1	1		21.89		23.0	1.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.53	23.53	24.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.56	23.60	23.57	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.47	23.49	23.55	24.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.51	23.50	23.52	24.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.48	23.58	23.57	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.49	23.55	23.58	24.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.47	23.56	23.56	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.48	23.60	23.52	24.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.47	23.53	23.54	24.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.50	23.61	23.49	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.50	23.56	23.48	24.5	0.0

PC2 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.32			
100	PI/2 BPSK	1	137		26.36		27.5	0.0
100	PI/2 BPSK	1	271		26.42			
100	PI/2 BPSK	135	0		25.92		27.0	0.5
100	PI/2 BPSK	135	69		26.21		27.5	0.0
100	PI/2 BPSK	135	138		26.10		27.0	0.5
100	PI/2 BPSK	270	0		26.01			
100	QPSK	1	1		26.54			
100	QPSK	1	137		26.31		27.5	0.0
100	QPSK	1	271		26.34			
100	QPSK	135	0		25.30		26.5	1.0
100	QPSK	135	69		26.48		27.5	0.0
100	QPSK	135	138		25.41		26.5	1.0
100	QPSK	270	0		25.56			
100	16QAM	1	1		25.39		26.5	1.0
100	64QAM	1	1		23.61		25.0	2.5
100	256QAM	1	1		22.04		23.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.39	26.44	26.35	27.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.43	26.45	26.31	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.33	26.40	26.36	27.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.33	26.47	26.39	27.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.44	26.46	26.42	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.43	26.47	26.33	27.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.43	26.42	26.36	27.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.36	26.46	26.32	27.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.45	26.44	26.39	27.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.43	26.41	26.32	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.33	26.39	26.34	27.5	0.0

PC3 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.52			
100	PI/2 BPSK	1	137		23.40		24.5	0.0
100	PI/2 BPSK	1	271		23.51			
100	PI/2 BPSK	135	0		23.36		24.5	0.0
100	PI/2 BPSK	135	69		23.32		24.5	0.0
100	PI/2 BPSK	135	138		23.42		24.5	0.0
100	PI/2 BPSK	270	0		23.33			
100	QPSK	1	1		23.62			
100	QPSK	1	137		23.38		24.5	0.0
100	QPSK	1	271		23.46			
100	QPSK	135	0		23.50		24.5	0.0
100	QPSK	135	69		23.60		24.5	0.0
100	QPSK	135	138		23.32		24.5	0.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		23.42		24.5	0.0
100	64QAM	1	1		23.37		24.5	0.0
100	256QAM	1	1		21.92		23.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.45	23.58	23.45	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.50	23.53	23.37	24.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.43	23.55	23.36	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.48	23.53	23.45	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.46	23.56	23.46	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.50	23.50	23.46	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.44	23.47	23.38	24.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.45	23.55	23.45	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.51	23.52	23.39	24.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.53	23.48	23.47	24.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.43	23.46	23.41	24.5	0.0

PC2 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.57			
100	PI/2 BPSK	1	137		26.49		27.5	0.0
100	PI/2 BPSK	1	271		26.49			
100	PI/2 BPSK	135	0		25.96		27.0	0.5
100	PI/2 BPSK	135	69		26.57		27.5	0.0
100	PI/2 BPSK	135	138		26.12		27.0	0.5
100	PI/2 BPSK	270	0		26.22			
100	QPSK	1	1		26.68			
100	QPSK	1	137		26.48		27.5	0.0
100	QPSK	1	271		26.40			
100	QPSK	135	0		25.78		26.5	1.0
100	QPSK	135	69		26.62		27.5	0.0
100	QPSK	135	138		25.74		26.5	1.0
100	QPSK	270	0		25.67			
100	16QAM	1	1		25.68		26.5	1.0
100	64QAM	1	1		23.91		25.0	2.5
100	256QAM	1	1		22.14		23.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.45	26.63	26.55	27.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.47	26.59	26.57	27.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.55	26.57	26.60	27.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.52	26.53	26.60	27.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.49	26.60	26.51	27.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.46	26.58	26.62	27.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.54	26.62	26.59	27.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.52	26.60	26.52	27.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.45	26.55	26.60	27.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.52	26.56	26.52	27.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.51	26.53	26.49	27.5	0.0

n48 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.69	21.82	21.43		
40	PI/2 BPSK	1	53	21.68	21.92	21.53	23.0	1.0
40	PI/2 BPSK	1	104	21.74	21.89	21.47		
40	PI/2 BPSK	50	0	21.12	21.24	20.85	22.5	1.5
40	PI/2 BPSK	50	28	21.70	21.83	21.44	23.0	1.0
40	PI/2 BPSK	50	56	21.14	21.31	20.94	22.5	1.5
40	PI/2 BPSK	100	0	21.11	21.31	20.95		
40	QPSK	1	1	22.85	23.02	22.58		
40	QPSK	1	53	22.66	22.91	22.43	24.0	0.0
40	QPSK	1	104	22.65	22.85	22.43		
40	QPSK	50	0	21.55	21.70	21.30	23.0	1.0
40	QPSK	50	28	22.55	22.79	22.29	24.0	0.0
40	QPSK	50	56	21.63	21.74	21.33	23.0	1.0
40	QPSK	100	0	21.61	21.80	21.35		
40	16QAM	1	1	21.56	21.85	21.38	23.0	1.0
40	64QAM	1	1	19.86	20.02	19.64	21.5	2.5
40	256QAM	1	1	17.75	17.93	17.68	19.5	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.73	22.96	22.47	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.73	22.88	22.47	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.73	22.93	22.49	24.0	0.0

PC3 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.23	22.30	21.77		
100	PI/2 BPSK	1	137	22.17	22.30	21.74	23.5	0.0
100	PI/2 BPSK	1	271	22.15	22.31	21.80		
100	PI/2 BPSK	135	0	22.16	22.25	21.70	23.5	0.0
100	PI/2 BPSK	135	69	22.26	22.33	21.69	23.5	0.0
100	PI/2 BPSK	135	138	22.14	22.22	21.67	23.5	0.0
100	PI/2 BPSK	270	0	22.13	22.21	21.61		
100	QPSK	1	1	22.33	22.41	21.98		
100	QPSK	1	137	22.17	22.31	21.70	23.5	0.0
100	QPSK	1	271	22.21	22.29	21.65		
100	QPSK	135	0	22.15	22.27	21.59	23.5	0.0
100	QPSK	135	69	22.25	22.38	21.74	23.5	0.0
100	QPSK	135	138	22.20	22.25	21.68	23.5	0.0
100	QPSK	270	0	22.22	22.33	21.77		
100	16QAM	1	1	22.21	22.35	21.72	23.5	0.0
100	64QAM	1	1	22.16	22.28	21.63	23.5	0.0
100	256QAM	1	1	20.46	20.58	20.06	22.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.18	22.35	21.96	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.26	22.36	21.85	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.18	22.33	21.86	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.20	22.26	21.87	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.18	22.27	21.83	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.28	22.26	21.87	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.25	22.26	21.88	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.17	22.34	21.84	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.23	22.30	21.88	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.34	21.90	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.20	22.26	21.93	23.5	0.0

PC2 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.73	24.78	24.57		
100	PI/2 BPSK	1	137	24.69	24.83	24.61	26.5	0.0
100	PI/2 BPSK	1	271	24.61	24.90	24.56		
100	PI/2 BPSK	135	0	24.37	24.61	24.35	26.0	0.5
100	PI/2 BPSK	135	69	24.73	24.86	24.65	26.5	0.0
100	PI/2 BPSK	135	138	24.28	24.42	24.13	26.0	0.5
100	PI/2 BPSK	270	0	24.21	24.38	24.20		
100	QPSK	1	1	24.85	25.10	24.89		
100	QPSK	1	137	24.58	24.76	24.65	26.5	0.0
100	QPSK	1	271	24.65	24.85	24.58		
100	QPSK	135	0	23.84	24.09	23.80	25.5	1.0
100	QPSK	135	69	24.67	24.97	24.74	26.5	0.0
100	QPSK	135	138	23.74	23.92	23.70	25.5	1.0
100	QPSK	270	0	23.75	23.93	23.70		
100	16QAM	1	1	23.87	24.11	23.74	25.5	1.0
100	64QAM	1	1	22.60	22.66	22.49	24.0	2.5
100	256QAM	1	1	20.12	20.38	20.06	22.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.75	25.06	24.78	26.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.75	25.02	24.82	26.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.76	25.05	24.78	26.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.74	25.01	24.78	26.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.71	24.97	24.84	26.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.77	25.03	24.82	26.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.80	24.99	24.77	26.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.74	24.95	24.73	26.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.78	24.94	24.76	26.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.69	24.93	24.77	26.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.65	24.89	24.71	26.5	0.0

PC3 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.84		23.5	0.0
100	PI/2 BPSK	1	137		21.88			
100	PI/2 BPSK	1	271		21.80			
100	PI/2 BPSK	135	0		21.70		23.5	0.0
100	PI/2 BPSK	135	69		21.89		23.5	0.0
100	PI/2 BPSK	135	138		21.87		23.5	0.0
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		21.91			
100	QPSK	1	137		21.76		23.5	0.0
100	QPSK	1	271		21.73			
100	QPSK	135	0		21.71		23.5	0.0
100	QPSK	135	69		21.87		23.5	0.0
100	QPSK	135	138		21.80		23.5	0.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.79		23.5	0.0
100	64QAM	1	1		21.81		23.5	0.0
100	256QAM	1	1		20.19		22.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.78	21.84	21.62	23.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.78	21.82	21.64	23.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.70	21.78	21.61	23.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.78	21.74	21.64	23.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.77	21.71	23.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.71	21.72	21.70	23.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.71	21.79	21.67	23.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.64	21.74	21.68	23.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.61	21.69	21.59	23.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.59	21.63	21.66	23.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.57	21.67	21.56	23.5	0.0

PC2 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.77		26.5	0.0
100	PI/2 BPSK	1	137		24.79			
100	PI/2 BPSK	1	271		24.69			
100	PI/2 BPSK	135	0		24.34		26.0	0.5
100	PI/2 BPSK	135	69		24.64		26.5	0.0
100	PI/2 BPSK	135	138		24.21		26.0	0.5
100	PI/2 BPSK	270	0		24.26			
100	QPSK	1	1		24.89		26.5	0.0
100	QPSK	1	137		24.63			
100	QPSK	1	271		24.54			
100	QPSK	135	0		23.86		25.5	1.0
100	QPSK	135	69		24.81		26.5	0.0
100	QPSK	135	138		23.74		25.5	1.0
100	QPSK	270	0		23.75			
100	16QAM	1	1		23.67		25.5	1.0
100	64QAM	1	1		22.20		24.0	2.5
100	256QAM	1	1		20.29		22.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.79	24.82	24.65	26.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.77	24.81	24.71	26.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.72	24.71	24.67	26.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.78	24.78	24.71	26.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.78	24.76	24.63	26.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.75	24.73	24.62	26.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.75	24.70	24.63	26.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.72	24.71	24.67	26.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.79	24.76	24.68	26.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.69	24.71	24.68	26.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.72	24.76	24.67	26.5	0.0

PC3 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.70		24.5	0.0
100	PI/2 BPSK	1	137		22.84			
100	PI/2 BPSK	1	271		22.76			
100	PI/2 BPSK	135	0		22.63		24.5	0.0
100	PI/2 BPSK	135	69		22.68		24.5	0.0
100	PI/2 BPSK	135	138		22.83		24.5	0.0
100	PI/2 BPSK	270	0		22.79			
100	QPSK	1	1		22.92			
100	QPSK	1	137		22.74		24.5	0.0
100	QPSK	1	271		22.84			
100	QPSK	135	0		22.65		24.5	0.0
100	QPSK	135	69		22.79		24.5	0.0
100	QPSK	135	138		22.70		24.5	0.0
100	QPSK	270	0		22.76			
100	16QAM	1	1		22.83		24.5	0.0
100	64QAM	1	1		22.73		24.5	0.0
100	256QAM	1	1		21.45		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.72	22.83	22.78	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.78	22.79	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.75	22.82	22.76	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.74	22.80	22.76	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.73	22.79	22.78	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.74	22.76	22.77	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.81	22.83	22.72	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.77	22.76	22.72	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.71	22.82	22.76	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.77	22.74	22.67	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.71	22.73	22.69	24.5	0.0

PC2 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.63		27.5	0.0
100	PI/2 BPSK	1	137		25.83			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.14		27.0	0.5
100	PI/2 BPSK	135	69		25.68		27.5	0.0
100	PI/2 BPSK	135	138		25.66		27.0	0.5
100	PI/2 BPSK	270	0		25.48			
100	QPSK	1	1		25.98			
100	QPSK	1	137		25.73		27.5	0.0
100	QPSK	1	271		25.86			
100	QPSK	135	0		24.99		26.5	1.0
100	QPSK	135	69		25.90		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.77		26.5	1.0
100	64QAM	1	1		23.13		25.0	2.5
100	256QAM	1	1		21.56		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.74	25.82	25.64	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.74	25.81	25.68	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.71	25.85	25.75	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.73	25.81	25.66	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.74	25.90	25.76	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.75	25.88	25.71	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.79	25.84	25.72	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.75	25.85	25.72	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.77	25.84	25.68	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.76	25.89	25.71	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.70	25.89	25.73	27.5	0.0

PC3 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.71		24.5	0.0
100	PI/2 BPSK	1	137		22.63			
100	PI/2 BPSK	1	271		22.67			
100	PI/2 BPSK	135	0		22.67		24.5	0.0
100	PI/2 BPSK	135	69		22.72		24.5	0.0
100	PI/2 BPSK	135	138		22.71		24.5	0.0
100	PI/2 BPSK	270	0		22.75			
100	QPSK	1	1		22.85		24.5	0.0
100	QPSK	1	137		22.61			
100	QPSK	1	271		22.60			
100	QPSK	135	0		22.81		24.5	0.0
100	QPSK	135	69		22.85		24.5	0.0
100	QPSK	135	138		22.70		24.5	0.0
100	QPSK	270	0		22.59			
100	16QAM	1	1		22.72		24.5	0.0
100	64QAM	1	1		22.66		24.5	0.0
100	256QAM	1	1		21.43		23.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.71	22.77	22.63	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.65	22.72	22.72	24.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.62	22.70	22.66	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.62	22.67	22.67	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.63	22.66	22.69	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.63	22.71	22.64	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.69	22.75	22.70	24.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.64	22.74	22.63	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.70	22.73	22.72	24.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.61	22.68	22.62	24.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.59	22.64	22.61	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.84		27.5	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.68			
100	PI/2 BPSK	135	0		25.19		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.37		27.0	0.5
100	PI/2 BPSK	270	0		25.38			
100	QPSK	1	1		26.04		27.5	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.64			
100	QPSK	135	0		25.05		26.5	1.0
100	QPSK	135	69		25.86		27.5	0.0
100	QPSK	135	138		24.91		26.5	1.0
100	QPSK	270	0		25.01			
100	16QAM	1	1		24.88		26.5	1.0
100	64QAM	1	1		23.15		25.0	2.5
100	256QAM	1	1		21.40		23.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.92	25.97	25.89	27.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.88	25.94	25.83	27.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.81	25.95	25.90	27.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.84	25.94	25.94	27.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.82	25.88	25.82	27.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.83	25.89	25.90	27.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.91	25.93	25.92	27.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.83	25.86	25.86	27.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.84	25.93	25.93	27.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.92	25.87	25.83	27.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.79	25.84	25.81	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.64	21.65	21.68	22.5	1.0
40	PI/2 BPSK	1	53	21.74	21.84	21.64		
40	PI/2 BPSK	1	104	21.64	21.71	21.51		
40	PI/2 BPSK	50	0	21.02	21.12	21.12	22.0	1.5
40	PI/2 BPSK	50	28	21.60	21.71	21.55	22.5	1.0
40	PI/2 BPSK	50	56	21.18	21.19	21.09	22.0	1.5
40	PI/2 BPSK	100	0	21.07	21.14	21.03		
40	QPSK	1	1	22.60	22.65	22.50	23.5	0.0
40	QPSK	1	53	22.60	22.61	22.45		
40	QPSK	1	104	22.57	22.63	22.46		
40	QPSK	50	0	21.48	21.58	21.42	22.5	1.0
40	QPSK	50	28	22.55	22.61	22.41	23.5	0.0
40	QPSK	50	56	21.61	21.65	21.48	22.5	1.0
40	QPSK	100	0	21.60	21.63	21.50		
40	16QAM	1	1	21.57	21.64	21.43	22.5	1.0
40	64QAM	1	1	19.80	19.89	19.70	21.0	2.5
40	256QAM	1	1	17.73	17.82	17.61	19.0	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.44	22.48	22.42	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.44	22.52	22.36	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.46	22.46	22.36	23.5	0.0

PC3 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.68	21.73	21.66	23.0	0.0
100	PI/2 BPSK	1	137	21.63	21.73	21.67		
100	PI/2 BPSK	1	271	21.64	21.76	21.67		
100	PI/2 BPSK	135	0	21.74	21.79	21.67	23.0	0.0
100	PI/2 BPSK	135	69	21.64	21.72	21.61	23.0	0.0
100	PI/2 BPSK	135	138	21.64	21.75	21.62	23.0	0.0
100	PI/2 BPSK	270	0	21.56	21.69	21.64		
100	QPSK	1	1	21.84	21.92	21.87	23.0	0.0
100	QPSK	1	137	21.71	21.85	21.73		
100	QPSK	1	271	21.81	21.90	21.83		
100	QPSK	135	0	21.64	21.76	21.64	23.0	0.0
100	QPSK	135	69	21.70	21.81	21.73	23.0	0.0
100	QPSK	135	138	21.72	21.80	21.74	23.0	0.0
100	QPSK	270	0	21.63	21.69	21.55		
100	16QAM	1	1	21.56	21.68	21.63	23.0	0.0
100	64QAM	1	1	21.58	21.64	21.59	23.0	0.0
100	256QAM	1	1	20.12	20.28	20.19	21.5	1.5
Channel				649968	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.83	21.70	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.71	21.78	21.71	23.0	0.0
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.66	21.74	21.71	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.75	21.76	21.79	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.75	21.80	21.71	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.72	21.71	21.69	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.69	21.70	21.67	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.69	21.68	21.75	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.63	21.67	21.68	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.64	21.65	21.61	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.59	21.63	21.59	23.0	0.0

PC2 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.34	24.43	24.29	26.0	0.0
100	PI/2 BPSK	1	137	24.24	24.36	24.22		
100	PI/2 BPSK	1	271	24.25	24.22	24.19		
100	PI/2 BPSK	135	0	23.92	23.98	23.89	25.5	0.5
100	PI/2 BPSK	135	69	24.42	24.40	24.35	26.0	0.0
100	PI/2 BPSK	135	138	23.87	23.95	23.83	25.5	0.5
100	PI/2 BPSK	270	0	23.98	23.95	23.86		
100	QPSK	1	1	24.44	24.65	24.37	26.0	0.0
100	QPSK	1	137	24.26	24.25	24.23		
100	QPSK	1	271	24.15	24.10	24.09		
100	QPSK	135	0	23.53	23.58	23.41	25.0	1.0
100	QPSK	135	69	24.54	24.63	24.51	26.0	0.0
100	QPSK	135	138	23.47	23.49	23.37	25.0	1.0
100	QPSK	270	0	23.45	23.48	23.35		
100	16QAM	1	1	23.58	23.65	23.46	25.0	1.0
100	64QAM	1	1	22.16	22.23	22.15	23.5	2.5
100	256QAM	1	1	20.00	20.03	19.89	21.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.31	24.57	24.28	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.31	24.53	24.30	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.27	24.56	24.26	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.31	24.54	24.30	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.31	24.53	24.30	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.26	24.51	24.21	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.36	24.47	24.26	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.27	24.46	24.24	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.43	24.45	24.42	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.37	24.43	24.39	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.36	24.41	24.38	26.0	0.0

PC3 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.71		23.0	0.0
100	PI/2 BPSK	1	137		21.91			
100	PI/2 BPSK	1	271		21.85			
100	PI/2 BPSK	135	0		21.79		23.0	0.0
100	PI/2 BPSK	135	69		21.76		23.0	0.0
100	PI/2 BPSK	135	138		21.72		23.0	0.0
100	PI/2 BPSK	270	0		21.81			
100	QPSK	1	1		21.98		23.0	0.0
100	QPSK	1	137		21.85			
100	QPSK	1	271		21.91			
100	QPSK	135	0		21.77		23.0	0.0
100	QPSK	135	69		21.84		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		21.63			
100	16QAM	1	1		21.82		23.0	0.0
100	64QAM	1	1		21.77		23.0	0.0
100	256QAM	1	1		20.57		21.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.63	21.89	21.74	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.65	21.88	21.76	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.59	21.86	21.73	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.66	21.82	21.66	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.63	21.81	21.71	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.57	21.86	21.72	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.63	21.91	21.70	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.60	21.90	21.74	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.60	21.80	21.77	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.56	21.84	21.74	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.63	21.86	21.73	23.0	0.0

PC2 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.05		26.0	0.0
100	PI/2 BPSK	1	137		24.11			
100	PI/2 BPSK	1	271		24.06			
100	PI/2 BPSK	135	0		23.85		25.5	0.5
100	PI/2 BPSK	135	69		24.09		26.0	0.0
100	PI/2 BPSK	135	138		23.57		25.5	0.5
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		24.39		26.0	0.0
100	QPSK	1	137		24.16			
100	QPSK	1	271		24.13			
100	QPSK	135	0		23.24		25.0	1.0
100	QPSK	135	69		24.18		26.0	0.0
100	QPSK	135	138		23.14		25.0	1.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		23.08		25.0	1.0
100	64QAM	1	1		22.06		23.5	2.5
100	256QAM	1	1		19.60		21.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.21	24.32	24.25	26.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.14	24.28	24.26	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.12	24.27	24.23	26.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.20	24.24	24.17	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.21	24.26	24.19	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.21	24.30	24.27	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.22	24.27	24.22	26.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.23	24.25	24.23	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.19	24.22	24.27	26.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.17	24.25	24.22	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.17	24.21	24.28	26.0	0.0

PC3 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.23		24.0	0.0
100	PI/2 BPSK	1	137		22.28			
100	PI/2 BPSK	1	271		22.25			
100	PI/2 BPSK	135	0		22.12		24.0	0.0
100	PI/2 BPSK	135	69		22.22		24.0	0.0
100	PI/2 BPSK	135	138		22.20		24.0	0.0
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.39		24.0	0.0
100	QPSK	1	137		22.19			
100	QPSK	1	271		22.32			
100	QPSK	135	0		22.13		24.0	0.0
100	QPSK	135	69		22.30		24.0	0.0
100	QPSK	135	138		22.03		24.0	0.0
100	QPSK	270	0		22.14			
100	16QAM	1	1		22.13		24.0	0.0
100	64QAM	1	1		22.31		24.0	0.0
100	256QAM	1	1		20.73		22.5	1.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.16	22.32	22.21	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.17	22.28	22.27	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.19	22.26	22.19	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.14	22.25	22.25	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.16	22.27	22.20	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.17	22.31	22.25	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.19	22.29	22.18	24.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.16	22.22	22.21	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.11	22.24	22.25	24.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	22.18	22.30	22.27	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.19	22.23	22.22	24.0	0.0

PC2 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.11			
100	PI/2 BPSK	1	271		25.19			
100	PI/2 BPSK	135	0		24.82		26.5	0.5
100	PI/2 BPSK	135	69		25.13		27.0	0.0
100	PI/2 BPSK	135	138		24.84		26.5	0.5
100	PI/2 BPSK	270	0		24.81			
100	QPSK	1	1		25.51		27.0	0.0
100	QPSK	1	137		25.10			
100	QPSK	1	271		25.15			
100	QPSK	135	0		24.31		26.0	1.0
100	QPSK	135	69		25.26		27.0	0.0
100	QPSK	135	138		24.37		26.0	1.0
100	QPSK	270	0		24.46			
100	16QAM	1	1		24.35		26.0	1.0
100	64QAM	1	1		22.59		24.5	2.5
100	256QAM	1	1		20.70		22.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	25.35	25.33	25.27	27.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	25.29	25.37	25.34	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.36	25.43	25.31	27.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	25.33	25.36	25.34	27.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	25.40	25.41	25.35	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.40	25.38	25.34	27.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	25.40	25.34	25.26	27.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.30	25.41	25.35	27.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	25.38	25.38	25.35	27.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	25.37	25.34	25.31	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.35	25.35	25.32	27.0	0.0

PC3 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.05		24.0	0.0
100	PI/2 BPSK	1	137		22.25			
100	PI/2 BPSK	1	271		22.24			
100	PI/2 BPSK	135	0		22.02		24.0	0.0
100	PI/2 BPSK	135	69		22.16		24.0	0.0
100	PI/2 BPSK	135	138		22.24		24.0	0.0
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.30		24.0	0.0
100	QPSK	1	137		22.05			
100	QPSK	1	271		22.02			
100	QPSK	135	0		22.05		24.0	0.0
100	QPSK	135	69		22.10		24.0	0.0
100	QPSK	135	138		22.08		24.0	0.0
100	QPSK	270	0		22.12			
100	16QAM	1	1		22.05		24.0	0.0
100	64QAM	1	1		22.25		24.0	0.0
100	256QAM	1	1		20.61		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.13	22.21	22.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.05	22.19	22.09	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.12	22.17	22.02	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.06	22.18	22.02	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.03	22.13	22.05	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.12	22.17	22.09	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.07	22.18	22.05	24.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.10	22.15	22.07	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.13	22.11	22.09	24.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.03	22.18	22.08	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.06	22.19	22.07	24.0	0.0

PC2 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.07		27.0	0.0
100	PI/2 BPSK	1	137		25.01			
100	PI/2 BPSK	1	271		25.11			
100	PI/2 BPSK	135	0		24.69		26.5	0.5
100	PI/2 BPSK	135	69		25.10		27.0	0.0
100	PI/2 BPSK	135	138		24.62		26.5	0.5
100	PI/2 BPSK	270	0		24.68			
100	QPSK	1	1		25.32		27.0	0.0
100	QPSK	1	137		25.01			
100	QPSK	1	271		25.03			
100	QPSK	135	0		24.19		26.0	1.0
100	QPSK	135	69		25.25		27.0	0.0
100	QPSK	135	138		24.21		26.0	1.0
100	QPSK	270	0		24.18			
100	16QAM	1	1		24.12		26.0	1.0
100	64QAM	1	1		22.58		24.5	2.5
100	256QAM	1	1		20.70		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.11	25.24	25.16	27.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.09	25.20	25.19	27.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.10	25.23	25.18	27.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.08	25.19	25.09	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.06	25.17	25.19	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.09	25.15	25.14	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.07	25.16	25.16	27.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.16	25.14	25.18	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.07	25.15	25.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.16	25.17	25.08	27.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.08	25.14	25.13	27.0	0.0

n48 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.94	21.07	20.75	22.5	1.0
40	PI/2 BPSK	1	53	21.04	21.23	20.99		
40	PI/2 BPSK	1	104	21.00	21.11	20.88		
40	PI/2 BPSK	50	0	20.37	20.49	20.26	22.0	1.5
40	PI/2 BPSK	50	28	21.04	21.09	20.84	22.5	1.0
40	PI/2 BPSK	50	56	20.39	20.52	20.32	22.0	1.5
40	PI/2 BPSK	100	0	20.49	20.53	20.35		
40	QPSK	1	1	22.23	22.29	22.11	23.5	0.0
40	QPSK	1	53	22.12	22.19	22.00		
40	QPSK	1	104	22.07	22.17	21.88		
40	QPSK	50	0	20.85	21.01	20.75	22.5	1.0
40	QPSK	50	28	21.88	22.07	21.74	23.5	0.0
40	QPSK	50	56	20.91	21.02	20.72	22.5	1.0
40	QPSK	100	0	20.88	21.01	20.76		
40	16QAM	1	1	20.95	21.02	20.75	22.5	1.0
40	64QAM	1	1	19.19	19.26	19.04	21.0	2.5
40	256QAM	1	1	17.07	17.13	17.06	19.0	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.06	22.18	21.94	23.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.07	22.19	21.97	23.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.10	22.11	22.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.11	21.21	21.04	23.0	0.0
100	PI/2 BPSK	1	137	21.18	21.22	21.16		
100	PI/2 BPSK	1	271	21.08	21.17	21.12		
100	PI/2 BPSK	135	0	21.06	21.09	21.02	23.0	0.0
100	PI/2 BPSK	135	69	21.11	21.24	21.08	23.0	0.0
100	PI/2 BPSK	135	138	21.10	21.21	21.14	23.0	0.0
100	PI/2 BPSK	270	0	21.10	21.24	21.18		
100	QPSK	1	1	21.19	21.36	21.21	23.0	0.0
100	QPSK	1	137	21.12	21.30	21.07		
100	QPSK	1	271	21.12	21.16	21.06		
100	QPSK	135	0	21.10	21.20	21.16	23.0	0.0
100	QPSK	135	69	21.21	21.27	21.20	23.0	0.0
100	QPSK	135	138	21.08	21.12	21.11	23.0	0.0
100	QPSK	270	0	21.15	21.20	21.16		
100	16QAM	1	1	21.07	21.20	21.12	23.0	0.0
100	64QAM	1	1	21.11	21.26	21.03	23.0	0.0
100	256QAM	1	1	19.56	19.71	19.55	21.5	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.19	21.27	21.14	23.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.20	21.25	21.16	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.19	21.29	21.10	23.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.21	21.23	21.14	23.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.14	21.27	21.09	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.22	21.29	21.08	23.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.20	21.26	21.10	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.13	21.20	21.07	23.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.28	21.12	23.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.13	21.18	21.16	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.16	21.19	21.04	23.0	0.0

PC2 Part27O n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.50	24.63	24.64	26.0	0.0
100	PI/2 BPSK	1	137	24.33	24.44	24.43		
100	PI/2 BPSK	1	271	24.16	24.29	24.23		
100	PI/2 BPSK	135	0	24.18	24.32	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.42	24.59	24.52	26.0	0.0
100	PI/2 BPSK	135	138	23.93	24.06	24.05	25.5	0.5
100	PI/2 BPSK	270	0	23.88	24.03	24.05		
100	QPSK	1	1	24.60	24.71	24.62	26.0	0.0
100	QPSK	1	137	24.27	24.39	24.34		
100	QPSK	1	271	24.09	24.14	24.12		
100	QPSK	135	0	23.57	23.67	23.72	25.0	1.0
100	QPSK	135	69	24.66	24.69	24.66	26.0	0.0
100	QPSK	135	138	23.44	23.57	23.60	25.0	1.0
100	QPSK	270	0	23.40	23.55	23.50		
100	16QAM	1	1	23.52	23.69	23.64	25.0	1.0
100	64QAM	1	1	21.61	21.59	21.57	23.5	2.5
100	256QAM	1	1	20.06	20.21	20.23	21.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.47	24.62	24.48	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.52	24.61	24.52	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.48	24.59	24.46	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.43	24.61	24.51	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.53	24.54	24.46	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.50	24.63	24.48	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.50	24.59	24.46	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.44	24.58	24.53	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.51	24.55	24.55	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.49	24.53	24.47	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.51	24.56	24.54	26.0	0.0

PC3 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.21		23.0	0.0
100	PI/2 BPSK	1	137		21.19			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		21.10		23.0	0.0
100	PI/2 BPSK	135	69		21.18		23.0	0.0
100	PI/2 BPSK	135	138		21.23		23.0	0.0
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	1		21.30		23.0	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.16		23.0	0.0
100	QPSK	135	69		21.23		23.0	0.0
100	QPSK	135	138		21.20		23.0	0.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.27		23.0	0.0
100	64QAM	1	1		21.28		23.0	0.0
100	256QAM	1	1		19.54		21.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.14	21.22	21.12	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.18	21.18	21.05	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.18	21.15	21.03	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.09	21.12	21.08	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.17	21.12	21.09	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.10	21.12	21.05	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.10	21.13	21.03	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.12	21.18	21.14	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.22	21.08	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.12	21.14	21.10	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.15	21.19	21.06	23.0	0.0

PC2 Part27Q n77 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.20		26.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		23.91		25.5	0.5
100	PI/2 BPSK	135	69		24.22		26.0	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.5
100	PI/2 BPSK	270	0		23.80			
100	QPSK	1	1		24.39		26.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.43		25.0	1.0
100	QPSK	135	69		24.38		26.0	0.0
100	QPSK	135	138		23.23		25.0	1.0
100	QPSK	270	0		23.29			
100	16QAM	1	1		23.11		25.0	1.0
100	64QAM	1	1		21.63		23.5	2.5
100	256QAM	1	1		19.95		21.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3496	3499.98	3504.99		
90	QPSK	1	1	24.09	24.24	24.17	26.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.19	24.30	24.17	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.11	24.23	24.22	26.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.11	24.24	24.24	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.13	24.28	24.18	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.13	24.32	24.12	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.12	24.23	24.19	26.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.11	24.28	24.20	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.16	24.22	24.15	26.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.10	24.25	24.19	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.17	24.22	24.14	26.0	0.0

PC3 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.23		24.0	0.0
100	PI/2 BPSK	1	137		22.20			
100	PI/2 BPSK	1	271		22.30			
100	PI/2 BPSK	135	0		22.19		24.0	0.0
100	PI/2 BPSK	135	69		22.31		24.0	0.0
100	PI/2 BPSK	135	138		22.08		24.0	0.0
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.34		24.0	0.0
100	QPSK	1	137		22.07			
100	QPSK	1	271		22.09			
100	QPSK	135	0		22.10		24.0	0.0
100	QPSK	135	69		22.34		24.0	0.0
100	QPSK	135	138		22.20		24.0	0.0
100	QPSK	270	0		22.33			
100	16QAM	1	1		22.21		24.0	0.0
100	64QAM	1	1		22.23		24.0	0.0
100	256QAM	1	1		20.54		22.5	1.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.15	22.23	22.15	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.10	22.16	22.16	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.17	22.26	22.23	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.10	22.21	22.19	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.13	22.26	22.13	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.19	22.25	22.17	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.11	22.17	22.21	24.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.13	22.20	22.23	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.16	22.21	22.14	24.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.14	22.25	22.18	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.18	22.16	22.21	24.0	0.0

PC2 Part27O n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.16			
100	PI/2 BPSK	1	271		25.29			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.06		27.0	0.0
100	PI/2 BPSK	135	138		24.98		26.5	0.5
100	PI/2 BPSK	270	0		24.93			
100	QPSK	1	1		25.49		27.0	0.0
100	QPSK	1	137		25.09			
100	QPSK	1	271		25.01			
100	QPSK	135	0		24.31		26.0	1.0
100	QPSK	135	69		25.46		27.0	0.0
100	QPSK	135	138		24.53		26.0	1.0
100	QPSK	270	0		24.33			
100	16QAM	1	1		24.18		26.0	1.0
100	64QAM	1	1		22.55		24.5	2.5
100	256QAM	1	1		20.88		22.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.28	25.34	25.17	27.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.22	25.38	25.14	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.24	25.37	25.22	27.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.23	25.33	25.23	27.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.25	25.31	25.24	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.23	25.40	25.17	27.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.19	25.34	25.14	27.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.26	25.35	25.20	27.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.24	25.41	25.19	27.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.26	25.34	25.15	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.19	25.32	25.24	27.0	0.0

PC3 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.14		24.0	0.0
100	PI/2 BPSK	1	137		22.13			
100	PI/2 BPSK	1	271		22.16			
100	PI/2 BPSK	135	0		22.16		24.0	0.0
100	PI/2 BPSK	135	69		22.06		24.0	0.0
100	PI/2 BPSK	135	138		22.05		24.0	0.0
100	PI/2 BPSK	270	0		22.11			
100	QPSK	1	1		22.30		24.0	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		22.21			
100	QPSK	135	0		22.18		24.0	0.0
100	QPSK	135	69		22.25		24.0	0.0
100	QPSK	135	138		22.01		24.0	0.0
100	QPSK	270	0		22.23			
100	16QAM	1	1		22.01		24.0	0.0
100	64QAM	1	1		22.04		24.0	0.0
100	256QAM	1	1		20.59		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.07	22.18	22.02	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.02	22.19	22.06	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.06	22.13	22.06	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.10	22.19	22.03	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.13	22.16	22.07	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.03	22.21	22.03	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.14	22.16	22.13	24.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.10	22.19	22.11	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.07	22.12	22.08	24.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.10	22.16	22.02	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.04	22.11	22.02	24.0	0.0

PC2 Part27Q n78 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.15		27.0	0.0
100	PI/2 BPSK	1	137		25.10			
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		24.79		26.5	0.5
100	PI/2 BPSK	135	69		25.09		27.0	0.0
100	PI/2 BPSK	135	138		24.63		26.5	0.5
100	PI/2 BPSK	270	0		24.72			
100	QPSK	1	1		25.33		27.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.06			
100	QPSK	135	0		24.34		26.0	1.0
100	QPSK	135	69		25.31		27.0	0.0
100	QPSK	135	138		24.19		26.0	1.0
100	QPSK	270	0		24.26			
100	16QAM	1	1		24.13		26.0	1.0
100	64QAM	1	1		23.01		24.5	2.5
100	256QAM	1	1		20.82		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.11	25.17	25.05	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.15	25.15	25.12	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.20	25.14	25.07	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.11	25.15	25.11	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.14	25.14	25.05	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.12	25.24	25.06	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.20	25.14	25.07	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.09	25.14	25.08	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.20	25.23	25.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.13	25.22	25.11	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.14	25.19	25.10	27.0	0.0

Full&Default Power Mode for Main PA

n5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.84	24.03	23.92	25.7	0.0
20	PI/2 BPSK	1	53	24.00	24.18	24.01		
20	PI/2 BPSK	1	104	24.02	24.18	24.00		
20	PI/2 BPSK	50	0	23.37	23.59	23.46	25.2	0.5
20	PI/2 BPSK	50	28	23.99	24.04	23.97	25.7	0.0
20	PI/2 BPSK	50	56	23.51	23.59	23.48	25.2	0.5
20	PI/2 BPSK	100	0	23.48	23.62	23.43		
20	QPSK	1	1	25.17	25.24	25.12	25.7	0.0
20	QPSK	1	53	25.05	25.18	25.08		
20	QPSK	1	104	25.02	25.11	24.99		
20	QPSK	50	0	23.92	24.07	23.85	24.7	1.0
20	QPSK	50	28	24.91	24.98	24.80	25.7	0.0
20	QPSK	50	56	23.89	24.03	23.98	24.7	1.0
20	QPSK	100	0	23.91	24.02	24.00		
20	16QAM	1	1	24.11	24.26	24.04	24.7	1.0
20	64QAM	1	1	22.47	22.49	22.45	23.2	2.5
20	256QAM	1	1	20.36	20.56	20.39	21.2	4.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.02	25.18	25.14	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.03	25.15	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.05	25.12	25.08	25.7	0.0

n12 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.61	24.71	24.68	25.5	0.0
15	PI/2 BPSK	1	40	24.59	24.69	24.56		
15	PI/2 BPSK	1	77	24.62	24.66	24.63		
15	PI/2 BPSK	36	0	24.27	24.25	24.22	25.0	0.5
15	PI/2 BPSK	36	22	24.69	24.65	24.57	25.5	0.0
15	PI/2 BPSK	36	43	24.19	24.26	24.12	25.0	0.5
15	PI/2 BPSK	75	0	24.20	24.18	24.13		
15	QPSK	1	1	24.66	24.76	24.64	25.5	0.0
15	QPSK	1	40	24.61	24.70	24.63		
15	QPSK	1	77	24.68	24.65	24.66		
15	QPSK	36	0	23.69	23.76	23.73	24.5	1.0
15	QPSK	36	22	24.54	24.72	24.48	25.5	0.0
15	QPSK	36	43	23.61	23.66	23.59	24.5	1.0
15	QPSK	75	0	23.71	23.74	23.72		
15	16QAM	1	1	23.85	23.88	23.86	24.5	1.0
15	64QAM	1	1	22.02	22.14	22.04	23.0	2.5
	256QAM	1	1	20.02	20.06	19.96	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.63	24.46	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.39	24.42	24.31	25.5	0.0

n26 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.95	24.11	23.84	25.7	0.0
20	PI/2 BPSK	1	53	24.02	24.18	24.05		
20	PI/2 BPSK	1	104	24.16	24.24	24.04		
20	PI/2 BPSK	50	0	23.52	23.62	23.44	25.2	0.5
20	PI/2 BPSK	50	28	24.11	24.09	24.02	25.7	0.0
20	PI/2 BPSK	50	56	23.53	23.71	23.46	25.2	0.5
20	PI/2 BPSK	100	0	23.59	23.64	23.46		
20	QPSK	1	1	25.18	25.25	25.06	25.7	0.0
20	QPSK	1	53	25.10	25.19	25.01		
20	QPSK	1	104	25.08	25.20	25.02		
20	QPSK	50	0	23.99	24.12	23.96	24.7	1.0
20	QPSK	50	28	24.92	24.97	24.83	25.7	0.0
20	QPSK	50	56	24.04	24.14	23.97	24.7	1.0
20	QPSK	100	0	24.02	24.11	24.01		
20	16QAM	1	1	24.11	24.21	24.04	24.7	1.0
20	64QAM	1	1	22.39	22.41	22.30	23.2	2.5
20	256QAM	1	1	20.32	20.44	20.27	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.91	25.02	24.93	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.93	25.09	24.89	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.87	24.96	24.81	25.7	0.0

n71 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.07	24.18	23.98	25.0	0.0
20	PI/2 BPSK	1	53	24.09	24.25	24.12		
20	PI/2 BPSK	1	104	24.04	24.21	23.97		
20	PI/2 BPSK	50	0	23.54	23.58	23.45	24.5	0.5
20	PI/2 BPSK	50	28	24.07	24.30	24.12	25.0	0.0
20	PI/2 BPSK	50	56	23.58	23.66	23.61	24.5	0.5
20	PI/2 BPSK	100	0	23.56	23.74	23.49		
20	QPSK	1	1	24.30	24.37	24.20	25.0	0.0
20	QPSK	1	53	24.14	24.17	24.10		
20	QPSK	1	104	24.03	24.15	23.91		
20	QPSK	50	0	23.01	23.14	22.92	24.0	1.0
20	QPSK	50	28	24.03	24.14	23.94	25.0	0.0
20	QPSK	50	56	23.12	23.13	22.95	24.0	1.0
20	QPSK	100	0	23.02	23.09	23.05		
20	16QAM	1	1	23.23	23.36	23.26	24.0	1.0
20	64QAM	1	1	21.45	21.49	21.42	22.5	2.5
20	256QAM	1	1	19.41	19.46	19.34	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.21	24.36	24.16	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.06	24.19	24.12	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.16	25.0	0.0

n5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.11	21.18	21.02	21.7	0.0
20	PI/2 BPSK	1	53	21.06	21.07	20.90		
20	PI/2 BPSK	1	104	20.97	21.07	20.92		
20	PI/2 BPSK	50	0	21.11	21.20	20.95	21.7	0.0
20	PI/2 BPSK	50	28	20.95	21.05	20.97	21.7	0.0
20	PI/2 BPSK	50	56	20.86	21.06	20.87	21.7	0.0
20	PI/2 BPSK	100	0	20.93	21.08	20.94		
20	QPSK	1	1	21.23	21.25	21.22	21.7	0.0
20	QPSK	1	53	21.04	21.21	21.05		
20	QPSK	1	104	21.10	21.15	21.07		
20	QPSK	50	0	20.75	20.92	20.90	21.7	0.0
20	QPSK	50	28	21.04	21.15	21.11	21.7	0.0
20	QPSK	50	56	20.82	20.82	20.71	21.7	0.0
20	QPSK	100	0	20.80	20.95	20.80		
20	16QAM	1	1	20.94	21.05	20.86	21.7	0.0
20	64QAM	1	1	20.90	20.99	20.78	21.7	0.0
20	256QAM	1	1	20.66	20.61	20.54	21.2	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.08	21.23	21.16	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.12	21.13	21.08	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.09	21.19	21.14	21.7	0.0

n12 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	21.65	21.63	21.53	22.7	0.0
15	PI/2 BPSK	1	40	21.45	21.54	21.45		
15	PI/2 BPSK	1	77	21.41	21.48	21.42		
15	PI/2 BPSK	36	0	21.60	21.64	21.49	22.7	0.0
15	PI/2 BPSK	36	22	21.45	21.59	21.53	22.7	0.0
15	PI/2 BPSK	36	43	21.38	21.55	21.49	22.7	0.0
15	PI/2 BPSK	75	0	21.51	21.54	21.54		
15	QPSK	1	1	21.70	21.76	21.70	22.7	0.0
15	QPSK	1	40	21.60	21.73	21.59		
15	QPSK	1	77	21.60	21.70	21.58		
15	QPSK	36	0	21.32	21.45	21.36	22.7	0.0
15	QPSK	36	22	21.59	21.66	21.58	22.7	0.0
15	QPSK	36	43	21.36	21.28	21.22	22.7	0.0
15	QPSK	75	0	21.29	21.44	21.37		
15	16QAM	1	1	21.36	21.54	21.33	22.7	0.0
15	64QAM	1	1	21.38	21.50	21.39	22.7	0.0
	256QAM	1	1	19.79	19.88	19.82	21.2	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	21.55	21.64	21.62	22.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.62	21.67	21.62	22.7	0.0

n26 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.70	21.72	21.57	22.2	0.0
20	PI/2 BPSK	1	53	21.58	21.64	21.53		
20	PI/2 BPSK	1	104	21.46	21.58	21.41		
20	PI/2 BPSK	50	0	21.71	21.73	21.57	22.2	0.0
20	PI/2 BPSK	50	28	21.45	21.61	21.57	22.2	0.0
20	PI/2 BPSK	50	56	21.49	21.56	21.47	22.2	0.0
20	PI/2 BPSK	100	0	21.56	21.61	21.52		
20	QPSK	1	1	21.67	21.77	21.73	22.2	0.0
20	QPSK	1	53	21.55	21.76	21.66		
20	QPSK	1	104	21.58	21.74	21.66		
20	QPSK	50	0	21.41	21.42	21.40	22.2	0.0
20	QPSK	50	28	21.59	21.66	21.54	22.2	0.0
20	QPSK	50	56	21.33	21.38	21.24	22.2	0.0
20	QPSK	100	0	21.39	21.45	21.40		
20	16QAM	1	1	21.39	21.52	21.47	22.2	0.0
20	64QAM	1	1	21.43	21.55	21.39	22.2	0.0
20	256QAM	1	1	20.42	20.55	20.43	21.2	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.56	21.65	21.64	22.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.52	21.59	21.67	22.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.56	21.62	21.58	22.2	0.0

n71 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.24	21.24	21.14	22.5	0.0
20	PI/2 BPSK	1	53	21.11	21.17	21.03		
20	PI/2 BPSK	1	104	21.04	21.10	20.93		
20	PI/2 BPSK	50	0	21.20	21.31	21.12	22.5	0.0
20	PI/2 BPSK	50	28	20.99	21.15	21.04	22.5	0.0
20	PI/2 BPSK	50	56	20.99	21.19	21.04	22.5	0.0
20	PI/2 BPSK	100	0	21.10	21.09	21.13		
20	QPSK	1	1	21.25	21.33	21.25	22.5	0.0
20	QPSK	1	53	21.09	21.25	21.20		
20	QPSK	1	104	21.15	21.31	21.22		
20	QPSK	50	0	20.95	20.94	20.94	22.5	0.0
20	QPSK	50	28	21.15	21.21	21.18	22.5	0.0
20	QPSK	50	56	20.89	20.95	20.83	22.5	0.0
20	QPSK	100	0	20.87	20.99	20.85		
20	16QAM	1	1	20.97	21.08	20.94	22.5	0.0
20	64QAM	1	1	20.95	21.01	20.95	22.5	0.0
20	256QAM	1	1	19.58	19.58	19.43	21.0	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.19	21.21	21.16	22.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.17	21.18	21.18	22.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.13	21.19	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.51	18.51	18.31	19.5	0.0
20	PI/2 BPSK	1	53	18.26	18.40	18.20		
20	PI/2 BPSK	1	104	18.29	18.32	18.14		
20	PI/2 BPSK	50	0	18.39	18.49	18.31	19.5	0.0
20	PI/2 BPSK	50	28	18.20	18.36	18.34	19.5	0.0
20	PI/2 BPSK	50	56	18.26	18.38	18.25	19.5	0.0
20	PI/2 BPSK	100	0	18.28	18.34	18.24		
20	QPSK	1	1	18.50	18.57	18.54	19.5	0.0
20	QPSK	1	53	18.40	18.53	18.47		
20	QPSK	1	104	18.34	18.53	18.42		
20	QPSK	50	0	18.13	18.15	18.21	19.5	0.0
20	QPSK	50	28	18.43	18.51	18.34	19.5	0.0
20	QPSK	50	56	18.19	18.09	18.00	19.5	0.0
20	QPSK	100	0	18.15	18.27	18.08		
20	16QAM	1	1	18.19	18.29	18.26	19.5	0.0
20	64QAM	1	1	18.17	18.30	18.18	19.5	0.0
20	256QAM	1	1	18.18	18.24	18.17	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.42	18.50	18.48	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.35	18.43	18.42	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.41	18.46	18.41	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.12	18.13	18.00	18.7	0.0
50	PI/2 BPSK	1	135	17.96	18.00	17.96		
50	PI/2 BPSK	1	268	17.93	17.94	17.83		
50	PI/2 BPSK	135	0	18.07	18.17	17.93	18.7	0.0
50	PI/2 BPSK	135	68	17.88	18.02	17.93	18.7	0.0
50	PI/2 BPSK	135	135	17.93	18.01	17.94	18.7	0.0
50	PI/2 BPSK	270	0	17.90	17.95	17.96		
50	QPSK	1	1	18.12	18.28	18.11	18.7	0.0
50	QPSK	1	135	18.01	18.11	18.08		
50	QPSK	1	268	18.03	18.17	17.99		
50	QPSK	135	0	17.80	17.88	17.81	18.7	0.0
50	QPSK	135	68	18.08	18.09	17.97	18.7	0.0
50	QPSK	135	135	17.83	17.74	17.63	18.7	0.0
50	QPSK	270	0	17.79	17.88	17.72		
50	16QAM	1	1	17.84	17.93	17.86	18.7	0.0
50	64QAM	1	1	17.87	17.89	17.76	18.7	0.0
50	256QAM	1	1	17.89	17.93	17.82	18.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.06	18.20	17.98	18.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.07	18.22	18.00	18.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.98	18.15	17.96	18.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.00	18.21	17.96	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.96	18.17	17.96	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.06	18.15	17.99	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.98	18.14	18.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.93	18.99	18.83	20.0	0.0
40	PI/2 BPSK	1	108	18.83	18.82	18.80		
40	PI/2 BPSK	1	214	18.82	18.92	18.66		
40	PI/2 BPSK	108	0	18.96	18.99	18.76	20.0	0.0
40	PI/2 BPSK	108	54	18.79	18.91	18.85	20.0	0.0
40	PI/2 BPSK	108	108	18.78	18.88	18.81	20.0	0.0
40	PI/2 BPSK	216	0	18.84	18.82	18.77		
40	QPSK	1	1	18.95	19.12	18.99	20.0	0.0
40	QPSK	1	108	18.84	19.06	18.90		
40	QPSK	1	214	18.90	19.00	18.95		
40	QPSK	108	0	18.69	18.68	18.71	20.0	0.0
40	QPSK	108	54	18.89	19.05	18.88	20.0	0.0
40	QPSK	108	108	18.64	18.68	18.50	20.0	0.0
40	QPSK	216	0	18.64	18.76	18.66		
40	16QAM	1	1	18.68	18.80	18.76	20.0	0.0
40	64QAM	1	1	18.71	18.76	18.69	20.0	0.0
40	256QAM	1	1	18.77	18.79	18.66	20.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.87	19.04	18.84	20.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.88	19.06	18.88	20.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.82	19.00	18.92	20.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.88	19.04	18.85	20.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.80	19.05	18.92	20.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.81	19.00	18.92	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.01	19.07	18.94	19.7	0.0
40	PI/2 BPSK	1	108	18.89	18.90	18.78		
40	PI/2 BPSK	1	214	18.87	18.87	18.79		
40	PI/2 BPSK	108	0	18.98	19.03	18.81	19.7	0.0
40	PI/2 BPSK	108	54	18.87	18.95	18.89	19.7	0.0
40	PI/2 BPSK	108	108	18.80	18.88	18.84	19.7	0.0
40	PI/2 BPSK	216	0	18.84	18.90	18.80		
40	QPSK	1	1	19.09	19.16	19.12	19.7	0.0
40	QPSK	1	108	18.85	19.04	18.95		
40	QPSK	1	214	18.92	19.11	19.00		
40	QPSK	108	0	18.62	18.82	18.70	19.7	0.0
40	QPSK	108	54	18.99	19.05	18.93	19.7	0.0
40	QPSK	108	108	18.70	18.72	18.57	19.7	0.0
40	QPSK	216	0	18.73	18.85	18.71		
40	16QAM	1	1	18.78	18.86	18.73	19.7	0.0
40	64QAM	1	1	18.80	18.80	18.74	19.7	0.0
40	256QAM	1	1	18.84	18.92	18.72	19.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.01	19.02	19.06	19.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.99	19.07	19.04	19.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.98	19.05	18.97	19.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.98	19.09	19.00	19.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.01	19.04	19.07	19.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.95	19.04	19.03	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.66	17.68	17.53	18.2	0.0
40	PI/2 BPSK	1	53	17.49	17.57	17.38		
40	PI/2 BPSK	1	104	17.43	17.57	17.34		
40	PI/2 BPSK	50	0	17.67	17.67	17.51	18.2	0.0
40	PI/2 BPSK	50	28	17.46	17.59	17.48	18.2	0.0
40	PI/2 BPSK	50	56	17.39	17.55	17.41	18.2	0.0
40	PI/2 BPSK	100	0	17.48	17.48	17.46		
40	QPSK	1	1	17.62	17.69	17.66	18.2	0.0
40	QPSK	1	53	17.53	17.68	17.64		
40	QPSK	1	104	17.47	17.65	17.57		
40	QPSK	50	0	17.34	17.34	17.28	18.2	0.0
40	QPSK	50	28	17.56	17.69	17.50	18.2	0.0
40	QPSK	50	56	17.35	17.34	17.14	18.2	0.0
40	QPSK	100	0	17.28	17.39	17.23		
40	16QAM	1	1	17.36	17.44	17.42	18.2	0.0
40	64QAM	1	1	17.38	17.48	17.31	18.2	0.0
40	256QAM	1	1	17.42	17.51	17.31	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.53	17.60	17.55	18.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.51	17.59	17.51	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.50	17.63	17.58	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.55	17.61	17.57	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.56	17.59	17.55	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.84	16.80	16.74	17.5	0.0
100	PI/2 BPSK	1	137	16.62	16.65	16.63		
100	PI/2 BPSK	1	271	16.57	16.67	16.58		
100	PI/2 BPSK	135	0	16.74	16.83	16.58	17.5	0.0
100	PI/2 BPSK	135	69	16.62	16.67	16.58	17.5	0.0
100	PI/2 BPSK	135	138	16.62	16.66	16.61	17.5	0.0
100	PI/2 BPSK	270	0	16.62	16.70	16.70		
100	QPSK	1	1	16.88	16.93	16.85	17.5	0.0
100	QPSK	1	137	16.71	16.80	16.77		
100	QPSK	1	271	16.76	16.81	16.75		
100	QPSK	135	0	16.52	16.53	16.56	17.5	0.0
100	QPSK	135	69	16.71	16.80	16.72	17.5	0.0
100	QPSK	135	138	16.45	16.55	16.38	17.5	0.0
100	QPSK	270	0	16.45	16.66	16.48		
100	16QAM	1	1	16.58	16.63	16.50	17.5	0.0
100	64QAM	1	1	16.57	16.61	16.47	17.5	0.0
100	256QAM	1	1	16.58	16.61	16.56	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.76	16.81	16.78	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.76	16.80	16.79	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.78	16.85	16.77	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.75	16.80	16.80	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.77	16.85	16.70	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.76	16.84	16.72	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.80	16.82	16.76	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.81	16.86	16.81	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.81	16.83	16.72	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.68	19.69	19.53	20.5	0.0
100	PI/2 BPSK	1	137	19.54	19.58	19.39		
100	PI/2 BPSK	1	271	19.44	19.57	19.34		
100	PI/2 BPSK	135	0	19.64	19.74	19.53	20.5	0.0
100	PI/2 BPSK	135	69	19.41	19.52	19.47	20.5	0.0
100	PI/2 BPSK	135	138	19.39	19.60	19.37	20.5	0.0
100	PI/2 BPSK	270	0	19.48	19.50	19.48		
100	QPSK	1	1	19.64	19.75	19.67	20.5	0.0
100	QPSK	1	137	19.56	19.64	19.63		
100	QPSK	1	271	19.56	19.69	19.61		
100	QPSK	135	0	19.34	19.40	19.34	20.5	0.0
100	QPSK	135	69	19.53	19.67	19.52	20.5	0.0
100	QPSK	135	138	19.33	19.33	19.23	20.5	0.0
100	QPSK	270	0	19.28	19.39	19.26		
100	16QAM	1	1	19.33	19.47	19.32	20.5	0.0
100	64QAM	1	1	19.32	19.50	19.36	20.5	0.0
100	256QAM	1	1	19.45	19.50	19.41	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.51	19.63	19.58	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.58	19.67	19.54	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.57	19.58	19.53	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.58	19.66	19.63	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.56	19.63	19.62	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.53	19.61	19.53	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.49	19.60	19.55	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.53	19.59	19.58	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.56	19.58	19.56	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.93	16.88	16.80	18.2	0.0
20	PI/2 BPSK	1	53	16.75	16.84	16.71		
20	PI/2 BPSK	1	104	16.75	16.79	16.58		
20	PI/2 BPSK	50	0	16.86	17.01	16.74	18.2	0.0
20	PI/2 BPSK	50	28	16.65	16.76	16.80	18.2	0.0
20	PI/2 BPSK	50	56	16.69	16.87	16.75	18.2	0.0
20	PI/2 BPSK	100	0	16.78	16.80	16.74		
20	QPSK	1	1	16.98	17.06	17.02	18.2	0.0
20	QPSK	1	53	16.81	16.94	16.81		
20	QPSK	1	104	16.84	16.95	16.89		
20	QPSK	50	0	16.62	16.71	16.59	18.2	0.0
20	QPSK	50	28	16.88	16.90	16.76	18.2	0.0
20	QPSK	50	56	16.57	16.62	16.49	18.2	0.0
20	QPSK	100	0	16.86	16.89	16.80		
20	16QAM	1	1	16.64	16.73	16.70	18.2	0.0
20	64QAM	1	1	16.60	16.76	16.59	18.2	0.0
20	256QAM	1	1	16.64	16.76	16.65	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.77	16.84	16.85	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.79	16.81	16.78	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.72	16.83	16.77	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.10	16.14	16.11	17.2	0.0
50	PI/2 BPSK	1	135	15.95	16.06	15.96		
50	PI/2 BPSK	1	268	16.00	16.06	15.86		
50	PI/2 BPSK	135	0	16.17	16.20	15.96	17.2	0.0
50	PI/2 BPSK	135	68	15.98	16.03	15.99	17.2	0.0
50	PI/2 BPSK	135	135	15.92	16.03	15.89	17.2	0.0
50	PI/2 BPSK	270	0	15.92	16.04	16.01		
50	QPSK	1	1	16.21	16.29	16.19	17.2	0.0
50	QPSK	1	135	16.05	16.17	16.14		
50	QPSK	1	268	16.02	16.16	16.10		
50	QPSK	135	0	15.79	15.86	15.93	17.2	0.0
50	QPSK	135	68	16.08	16.14	16.02	17.2	0.0
50	QPSK	135	135	15.84	15.84	15.73	17.2	0.0
50	QPSK	270	0	15.77	15.94	15.85		
50	16QAM	1	1	15.92	15.99	15.84	17.2	0.0
50	64QAM	1	1	15.84	16.01	15.79	17.2	0.0
50	256QAM	1	1	15.90	16.04	15.87	17.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.16	16.23	16.15	17.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.08	16.19	16.15	17.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.08	16.17	16.12	17.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.11	16.18	16.13	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.06	16.18	16.13	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.10	16.21	16.06	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.14	16.18	16.06	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.87	16.86	16.77	18.2	0.0
40	PI/2 BPSK	1	108	16.70	16.68	16.62		
40	PI/2 BPSK	1	214	16.60	16.67	16.53		
40	PI/2 BPSK	108	0	16.83	16.88	16.72	18.2	0.0
40	PI/2 BPSK	108	54	16.69	16.79	16.61	18.2	0.0
40	PI/2 BPSK	108	108	16.61	16.71	16.57	18.2	0.0
40	PI/2 BPSK	216	0	16.61	16.76	16.70		
40	QPSK	1	1	16.85	16.95	16.85	18.2	0.0
40	QPSK	1	108	16.69	16.85	16.84		
40	QPSK	1	214	16.68	16.82	16.75		
40	QPSK	108	0	16.49	16.56	16.59	18.2	0.0
40	QPSK	108	54	16.74	16.85	16.76	18.2	0.0
40	QPSK	108	108	16.50	16.47	16.37	18.2	0.0
40	QPSK	216	0	16.50	16.66	16.54		
40	16QAM	1	1	16.58	16.76	16.61	18.2	0.0
40	64QAM	1	1	16.61	16.64	16.47	18.2	0.0
40	256QAM	1	1	16.56	16.67	16.57	18.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.81	16.88	16.67	18.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880.5	1902.5		
25	QPSK	1	1	16.73	16.79	16.72	18.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.74	16.85	16.76	18.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.71	16.82	16.70	18.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.76	16.84	16.67	18.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.72	16.83	16.71	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.91	16.93	16.87	17.7	0.0
40	PI/2 BPSK	1	108	16.81	16.81	16.73		
40	PI/2 BPSK	1	214	16.79	16.78	16.66		
40	PI/2 BPSK	108	0	16.94	17.03	16.80	17.7	0.0
40	PI/2 BPSK	108	54	16.75	16.84	16.72	17.7	0.0
40	PI/2 BPSK	108	108	16.65	16.81	16.68	17.7	0.0
40	PI/2 BPSK	216	0	16.69	16.82	16.76		
40	QPSK	1	1	16.99	17.04	17.03	17.7	0.0
40	QPSK	1	108	16.85	16.95	16.93		
40	QPSK	1	214	16.84	16.97	16.79		
40	QPSK	108	0	16.54	16.70	16.65	17.7	0.0
40	QPSK	108	54	16.83	16.87	16.79	17.7	0.0
40	QPSK	108	108	16.64	16.63	16.43	17.7	0.0
40	QPSK	216	0	16.62	16.69	16.63		
40	16QAM	1	1	16.68	16.00	16.72	17.7	0.0
40	64QAM	1	1	16.67	16.74	16.58	17.7	0.0
40	256QAM	1	1	16.64	16.70	16.64	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.86	16.89	16.98	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.84	16.93	16.99	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.94	16.88	16.89	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.91	16.92	16.93	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.86	16.92	16.91	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.88	16.95	16.93	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.14	16.14	16.04	17.2	0.0
40	PI/2 BPSK	1	53	16.01	16.02	15.93		
40	PI/2 BPSK	1	104	15.96	16.10	15.82		
40	PI/2 BPSK	50	0	16.18	16.20	15.99	17.2	0.0
40	PI/2 BPSK	50	28	15.94	16.04	15.93	17.2	0.0
40	PI/2 BPSK	50	56	15.87	16.09	15.96	17.2	0.0
40	PI/2 BPSK	100	0	15.92	16.01	15.96		
40	QPSK	1	1	16.21	16.24	16.15	17.2	0.0
40	QPSK	1	53	16.01	16.16	16.15		
40	QPSK	1	104	16.08	16.17	16.12		
40	QPSK	50	0	15.83	15.91	15.82	17.2	0.0
40	QPSK	50	28	16.01	16.13	16.09	17.2	0.0
40	QPSK	50	56	15.82	15.80	15.73	17.2	0.0
40	QPSK	100	0	15.76	15.91	15.82		
40	16QAM	1	1	15.92	15.97	15.84	17.2	0.0
40	64QAM	1	1	15.86	15.92	15.85	17.2	0.0
40	256QAM	1	1	15.96	16.00	15.89	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.04	16.11	16.05	17.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.11	16.18	16.10	17.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.06	16.11	16.01	17.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.09	16.10	16.00	17.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.12	16.16	16.03	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.60	15.60	15.50	17.0	0.0
100	PI/2 BPSK	1	137	15.39	15.52	15.38		
100	PI/2 BPSK	1	271	15.37	15.50	15.31		
100	PI/2 BPSK	135	0	15.52	15.61	15.48	17.0	0.0
100	PI/2 BPSK	135	69	15.43	15.55	15.44	17.0	0.0
100	PI/2 BPSK	135	138	15.34	15.49	15.38	17.0	0.0
100	PI/2 BPSK	270	0	15.44	15.53	15.41		
100	QPSK	1	1	15.59	15.67	15.61	17.0	0.0
100	QPSK	1	137	15.54	15.60	15.55		
100	QPSK	1	271	15.46	15.60	15.58		
100	QPSK	135	0	15.30	15.37	15.32	17.0	0.0
100	QPSK	135	69	15.46	15.56	15.44	17.0	0.0
100	QPSK	135	138	15.23	15.27	15.17	17.0	0.0
100	QPSK	270	0	15.32	15.39	15.27	17.0	0.0
100	16QAM	1	1	15.31	15.42	15.28	17.0	0.0
100	64QAM	1	1	15.38	15.46	15.27	17.0	0.0
100	256QAM	1	1	15.34	15.47	15.37	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.50	15.62	15.47	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.50	15.57	15.55	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.44	15.55	15.45	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.51	15.60	15.56	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.54	15.62	15.52	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.43	15.58	15.52	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.49	15.54	15.48	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.52	15.59	15.56	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.54	15.58	15.50	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.65	18.66	18.47	20.0	0.0
100	PI/2 BPSK	1	137	18.45	18.55	18.39		
100	PI/2 BPSK	1	271	18.43	18.55	18.36		
100	PI/2 BPSK	135	0	18.59	18.63	18.49	20.0	0.0
100	PI/2 BPSK	135	69	18.45	18.48	18.44	20.0	0.0
100	PI/2 BPSK	135	138	18.33	18.48	18.43	20.0	0.0
100	PI/2 BPSK	270	0	18.48	18.53	18.43		
100	QPSK	1	1	18.65	18.72	18.67	20.0	0.0
100	QPSK	1	137	18.48	18.65	18.59		
100	QPSK	1	271	18.47	18.69	18.53		
100	QPSK	135	0	18.33	18.32	18.37	20.0	0.0
100	QPSK	135	69	18.49	18.60	18.48	20.0	0.0
100	QPSK	135	138	18.30	18.26	18.21	20.0	0.0
100	QPSK	270	0	18.28	18.44	18.24		
100	16QAM	1	1	18.36	18.48	18.32	20.0	0.0
100	64QAM	1	1	18.33	18.46	18.28	20.0	0.0
100	256QAM	1	1	18.41	18.47	18.34	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.52	18.66	18.62	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.59	18.60	18.60	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.51	18.65	18.61	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.53	18.58	18.61	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.51	18.60	18.53	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.59	18.61	18.61	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.50	18.67	18.53	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.58	18.65	18.57	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.57	18.62	18.51	20.0	0.0

n2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.68	23.77	23.70	25.5	0.0
20	PI/2 BPSK	1	53	23.84	23.95	23.89		
20	PI/2 BPSK	1	104	23.86	23.97	23.84		
20	PI/2 BPSK	50	0	23.22	23.37	23.31	25.0	0.5
20	PI/2 BPSK	50	28	23.75	23.89	23.83	25.5	0.0
20	PI/2 BPSK	50	56	23.34	23.47	23.34	25.0	0.5
20	PI/2 BPSK	100	0	23.24	23.36	23.34		
20	QPSK	1	1	23.88	24.03	24.00	25.5	0.0
20	QPSK	1	53	23.82	23.95	23.81		
20	QPSK	1	104	23.75	23.92	23.86		
20	QPSK	50	0	22.75	22.91	22.85	24.5	1.0
20	QPSK	50	28	23.66	23.87	23.78	25.5	0.0
20	QPSK	50	56	22.80	22.91	22.83	24.5	1.0
20	QPSK	100	0	22.80	22.97	22.81		
20	16QAM	1	1	22.83	22.93	22.90	24.5	1.0
20	64QAM	1	1	21.19	21.32	21.17	23.0	2.5
20	256QAM	1	1	19.03	19.26	19.12	21.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.78	23.96	23.93	25.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.77	23.93	23.92	25.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.83	23.90	23.88	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.34	24.38	24.33	25.7	0.0
50	PI/2 BPSK	1	135	24.39	24.39	24.39		
50	PI/2 BPSK	1	268	24.30	24.31	24.24		
50	PI/2 BPSK	135	0	23.92	23.96	23.88	25.2	0.5
50	PI/2 BPSK	135	68	24.51	24.52	24.44	25.7	0.0
50	PI/2 BPSK	135	135	23.93	23.90	23.89	25.2	0.5
50	PI/2 BPSK	270	0	23.87	23.84	23.80		
50	QPSK	1	1	24.51	24.58	24.48	25.7	0.0
50	QPSK	1	135	24.48	24.55	24.47		
50	QPSK	1	268	24.33	24.46	24.37		
50	QPSK	135	0	23.32	23.41	23.35	24.7	1.0
50	QPSK	135	68	24.45	24.50	24.41	25.7	0.0
50	QPSK	135	135	23.35	23.39	23.35	24.7	1.0
50	QPSK	270	0	23.37	23.38	23.28		
50	16QAM	1	1	23.52	23.55	23.52	24.7	1.0
50	64QAM	1	1	21.67	21.70	21.66	23.2	2.5
50	256QAM	1	1	19.58	19.66	19.65	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.39	24.54	24.36	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.35	24.48	24.39	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.44	24.52	24.38	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.43	24.47	24.41	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.45	24.44	24.35	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.37	24.45	24.34	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.35	24.44	24.32	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.94	24.03	24.01	25.5	0.0
40	PI/2 BPSK	1	108	23.84	23.95	23.83		
40	PI/2 BPSK	1	214	23.92	24.07	23.95		
40	PI/2 BPSK	108	0	23.29	23.45	23.30	25.0	0.5
40	PI/2 BPSK	108	54	23.81	24.00	23.88	25.5	0.0
40	PI/2 BPSK	108	108	23.25	23.51	23.35	25.0	0.5
40	PI/2 BPSK	216	0	23.58	23.72	23.67		
40	QPSK	1	1	23.99	24.11	24.06	25.5	0.0
40	QPSK	1	108	23.84	24.06	23.95		
40	QPSK	1	214	23.91	24.10	23.93		
40	QPSK	108	0	22.81	22.95	22.83	24.5	1.0
40	QPSK	108	54	23.66	23.83	23.79	25.5	0.0
40	QPSK	108	108	22.68	22.85	22.73	24.5	1.0
40	QPSK	216	0	22.79	23.04	22.92		
40	16QAM	1	1	22.79	22.94	22.87	24.5	1.0
40	64QAM	1	1	21.01	21.15	21.08	23.0	2.5
40	256QAM	1	1	19.15	19.15	19.09	21.0	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.82	23.97	23.95	25.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.84	23.96	23.96	25.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.81	23.93	23.90	25.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.84	23.90	23.87	25.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.79	23.89	23.93	25.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.76	23.94	23.81	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.57	24.61	24.51	25.7	0.0
40	PI/2 BPSK	1	108	24.65	24.64	24.54		
40	PI/2 BPSK	1	214	24.62	24.72	24.58		
40	PI/2 BPSK	108	0	24.15	24.27	24.12	25.2	0.5
40	PI/2 BPSK	108	54	24.60	24.76	24.66	25.7	0.0
40	PI/2 BPSK	108	108	24.16	24.24	24.14	25.2	0.5
40	PI/2 BPSK	216	0	24.09	24.18	24.13		
40	QPSK	1	1	24.80	24.86	24.76	25.7	0.0
40	QPSK	1	108	24.81	24.83	24.71		
40	QPSK	1	214	24.70	24.74	24.64		
40	QPSK	108	0	23.62	23.75	23.61	24.7	1.0
40	QPSK	108	54	24.58	24.70	24.60	25.7	0.0
40	QPSK	108	108	23.59	23.64	23.62	24.7	1.0
40	QPSK	216	0	23.59	23.69	23.56		
40	16QAM	1	1	23.70	23.81	23.77	24.7	1.0
40	64QAM	1	1	21.96	22.01	21.92	23.2	2.5
40	256QAM	1	1	19.95	20.03	19.94	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.70	24.72	24.69	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.68	24.71	24.67	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.62	24.70	24.64	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.61	24.66	24.63	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.56	24.61	24.59	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.67	24.65	24.66	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.44	24.52	24.47	25.7	0.0
40	PI/2 BPSK	1	53	24.50	24.48	24.49		
40	PI/2 BPSK	1	104	24.49	24.54	24.44		
40	PI/2 BPSK	50	0	23.86	23.92	23.87	25.2	0.5
40	PI/2 BPSK	50	28	24.36	24.43	24.35	25.7	0.0
40	PI/2 BPSK	50	56	23.89	23.97	23.85	25.2	0.5
40	PI/2 BPSK	100	0	23.87	23.99	23.94		
40	QPSK	1	1	24.64	24.69	24.65	25.7	0.0
40	QPSK	1	53	24.49	24.56	24.53		
40	QPSK	1	104	24.44	24.46	24.50		
40	QPSK	50	0	23.30	23.36	23.37	24.7	1.0
40	QPSK	50	28	24.35	24.43	24.41	25.7	0.0
40	QPSK	50	56	23.38	23.40	23.40	24.7	1.0
40	QPSK	100	0	23.33	23.41	23.39		
40	16QAM	1	1	23.52	23.60	23.56	24.7	1.0
40	64QAM	1	1	21.68	21.79	21.67	23.2	2.5
40	256QAM	1	1	19.63	19.75	19.69	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.56	24.61	24.51	25.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.46	24.60	24.58	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.52	24.54	24.48	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.53	24.51	24.55	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.50	24.48	24.49	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.17	23.28	22.95	24.5	0.0
100	PI/2 BPSK	1	137	23.22	23.26	22.89		
100	PI/2 BPSK	1	271	23.18	23.22	22.83		
100	PI/2 BPSK	135	0	23.09	23.24	22.86	24.5	0.0
100	PI/2 BPSK	135	69	23.08	23.23	22.80	24.5	0.0
100	PI/2 BPSK	135	138	23.07	23.22	22.80	24.5	0.0
100	PI/2 BPSK	270	0	23.23	23.29	22.92		
100	QPSK	1	1	23.28	23.38	22.98	24.5	0.0
100	QPSK	1	137	23.16	23.28	22.87		
100	QPSK	1	271	23.09	23.20	22.78		
100	QPSK	135	0	23.22	23.35	23.00	24.5	0.0
100	QPSK	135	69	23.28	23.36	22.94	24.5	0.0
100	QPSK	135	138	23.23	23.33	22.95	24.5	0.0
100	QPSK	270	0	23.08	23.22	22.83		
100	16QAM	1	1	23.08	23.19	22.87	24.5	0.0
100	64QAM	1	1	23.17	23.25	22.83	24.5	0.0
100	256QAM	1	1	21.63	21.72	21.41	23.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.15	23.31	22.92	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.19	23.29	22.82	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.19	23.24	22.83	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.17	23.23	22.92	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.16	23.21	22.78	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.08	23.18	22.79	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.16	23.16	22.93	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.02	23.15	22.89	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.12	22.79	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.06	26.04	25.89	27.5	0.0
100	PI/2 BPSK	1	137	25.80	25.91	25.70		
100	PI/2 BPSK	1	271	25.91	25.91	25.80		
100	PI/2 BPSK	135	0	25.37	25.50	25.34	27.0	0.5
100	PI/2 BPSK	135	69	26.00	26.02	25.91	27.5	0.0
100	PI/2 BPSK	135	138	25.42	25.41	25.29	27.0	0.5
100	PI/2 BPSK	270	0	25.43	25.47	25.42		
100	QPSK	1	1	25.92	26.03	25.81	27.5	0.0
100	QPSK	1	137	25.73	25.84	25.71		
100	QPSK	1	271	25.89	25.87	25.78		
100	QPSK	135	0	24.98	24.96	24.89	26.5	1.0
100	QPSK	135	69	26.06	26.12	25.96	27.5	0.0
100	QPSK	135	138	24.94	24.98	24.78	26.5	1.0
100	QPSK	270	0	24.91	25.01	24.88		
100	16QAM	1	1	25.09	25.12	25.01	26.5	1.0
100	64QAM	1	1	23.36	23.36	23.29	25.0	2.5
100	256QAM	1	1	21.62	21.55	21.53	23.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.80	25.98	25.77	27.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.82	25.90	25.75	27.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.75	25.82	25.62	27.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.74	25.88	25.61	27.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.73	25.83	25.61	27.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.68	25.74	25.51	27.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.70	25.73	25.58	27.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.59	25.74	25.57	27.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.59	25.73	25.51	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.40	17.42	17.30	19.0	0.0
20	PI/2 BPSK	1	53	17.25	17.28	17.21		
20	PI/2 BPSK	1	104	17.20	17.24	17.12		
20	PI/2 BPSK	50	0	17.36	17.37	17.21	19.0	0.0
20	PI/2 BPSK	50	28	17.17	17.29	17.24	19.0	0.0
20	PI/2 BPSK	50	56	17.14	17.24	17.22		
20	PI/2 BPSK	100	0	17.15	17.23	17.26	19.0	0.0
20	QPSK	1	1	17.39	17.53	17.45		
20	QPSK	1	53	17.25	17.40	17.30		
20	QPSK	1	104	17.24	17.39	17.33		
20	QPSK	50	0	17.09	17.11	17.05	19.0	0.0
20	QPSK	50	28	17.28	17.36	17.30	19.0	0.0
20	QPSK	50	56	17.10	17.04	17.03		
20	QPSK	100	0	17.03	17.14	17.04	19.0	0.0
20	16QAM	1	1	17.12	17.30	17.08	19.0	0.0
20	64QAM	1	1	17.11	17.22	17.09	19.0	0.0
20	256QAM	1	1	17.19	17.25	17.09	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.29	17.39	17.37	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.34	17.43	17.39	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.28	17.46	17.37	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.80	15.87	15.76	17.5	0.0
50	PI/2 BPSK	1	135	15.77	15.82	15.78		
50	PI/2 BPSK	1	268	15.72	15.71	15.79		
50	PI/2 BPSK	135	0	15.85	15.81	15.71	17.5	0.0
50	PI/2 BPSK	135	68	15.71	15.73	15.74	17.5	0.0
50	PI/2 BPSK	135	135	15.73	15.81	15.73	17.5	0.0
50	PI/2 BPSK	270	0	15.74	15.75	15.76		
50	QPSK	1	1	15.82	15.97	15.89		
50	QPSK	1	135	15.73	15.81	15.73		
50	QPSK	1	268	15.77	15.89	15.76		
50	QPSK	135	0	15.77	15.82	15.74	17.5	0.0
50	QPSK	135	68	15.71	15.83	15.71	17.5	0.0
50	QPSK	135	135	15.71	15.82	15.73	17.5	0.0
50	QPSK	270	0	15.73	15.77	15.72		
50	16QAM	1	1	15.74	15.79	15.75	17.5	0.0
50	64QAM	1	1	15.72	15.78	15.74	17.5	0.0
50	256QAM	1	1	15.75	15.80	15.71	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.76	15.87	15.78	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.72	15.93	15.84	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.72	15.89	15.78	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.77	15.84	15.76	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.73	15.90	15.82	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.71	15.89	15.76	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.74	15.90	15.77	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.84	17.87	17.69	19.5	0.0
40	PI/2 BPSK	1	108	17.76	17.71	17.65		
40	PI/2 BPSK	1	214	17.72	17.74	17.60		
40	PI/2 BPSK	108	0	17.86	17.86	17.66	19.5	0.0
40	PI/2 BPSK	108	54	17.63	17.80	17.72	19.5	0.0
40	PI/2 BPSK	108	108	17.57	17.72	17.59	19.5	0.0
40	PI/2 BPSK	216	0	17.68	17.76	17.65		
40	QPSK	1	1	17.83	17.99	17.89		
40	QPSK	1	108	17.79	17.91	17.82		
40	QPSK	1	214	17.71	17.89	17.77		
40	QPSK	108	0	17.51	17.54	17.51	19.5	0.0
40	QPSK	108	54	17.73	17.82	17.80	19.5	0.0
40	QPSK	108	108	17.56	17.54	17.63	19.5	0.0
40	QPSK	216	0	17.53	17.61	17.56		
40	16QAM	1	1	17.61	17.74	17.57	19.5	0.0
40	64QAM	1	1	17.57	17.66	17.54	19.5	0.0
40	256QAM	1	1	17.57	17.71	17.60	19.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.77	17.82	17.78	19.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.77	17.91	17.79	19.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.78	17.89	17.76	19.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.73	17.84	17.74	19.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.76	17.86	17.76	19.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.74	17.88	17.84	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.75	16.76	16.65	18.5	0.0
40	PI/2 BPSK	1	108	16.59	16.73	16.64		
40	PI/2 BPSK	1	214	16.64	16.67	16.87		
40	PI/2 BPSK	108	0	16.76	16.88	16.66	18.5	0.0
40	PI/2 BPSK	108	54	16.56	16.69	16.60	18.5	0.0
40	PI/2 BPSK	108	108	16.55	16.66	16.54	18.5	0.0
40	PI/2 BPSK	216	0	16.56	16.70	16.64		
40	QPSK	1	1	16.78	16.92	16.89		
40	QPSK	1	108	16.72	16.76	16.71		
40	QPSK	1	214	16.70	16.80	16.72		
40	QPSK	108	0	16.69	16.57	16.66	18.5	0.0
40	QPSK	108	54	16.81	16.85	16.79	18.5	0.0
40	QPSK	108	108	16.70	16.64	16.82	18.5	0.0
40	QPSK	216	0	16.77	16.82	16.73		
40	16QAM	1	1	16.56	16.61	16.54	18.5	0.0
40	64QAM	1	1	16.75	16.66	16.71	18.5	0.0
40	256QAM	1	1	16.58	16.61	16.55	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.71	16.80	16.77	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.83	16.84	16.74	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.72	16.87	16.80	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.68	16.85	16.76	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.67	16.87	16.76	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.62	16.81	16.71	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.48	16.41	16.35	18.0	0.0
40	PI/2 BPSK	1	53	16.23	16.37	16.21		
40	PI/2 BPSK	1	104	16.23	16.34	16.15		
40	PI/2 BPSK	50	0	16.36	16.51	16.28	18.0	0.0
40	PI/2 BPSK	50	28	16.24	16.33	16.22	18.0	0.0
40	PI/2 BPSK	50	56	16.20	16.33	16.16		
40	PI/2 BPSK	100	0	16.25	16.29	16.23	18.0	0.0
40	QPSK	1	1	16.42	16.55	16.52		
40	QPSK	1	53	16.30	16.51	16.38		
40	QPSK	1	104	16.29	16.42	16.40		
40	QPSK	50	0	16.05	16.19	16.14	18.0	0.0
40	QPSK	50	28	16.40	16.50	16.37	18.0	0.0
40	QPSK	50	56	16.10	16.16	16.01	18.0	0.0
40	QPSK	100	0	16.09	16.21	16.07		
40	16QAM	1	1	16.21	16.27	16.17	18.0	0.0
40	64QAM	1	1	16.15	16.21	16.11	18.0	0.0
40	256QAM	1	1	16.20	16.28	16.18	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.32	16.50	16.41	18.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.29	16.46	16.37	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.33	16.43	16.40	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.35	16.46	16.35	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.33	16.45	16.30	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.95	15.96	15.82	17.5	0.0
100	PI/2 BPSK	1	137	15.76	15.79	15.76		
100	PI/2 BPSK	1	271	15.73	15.83	15.64		
100	PI/2 BPSK	135	0	15.86	16.01	15.80	17.5	0.0
100	PI/2 BPSK	135	69	15.71	15.87	15.77	17.5	0.0
100	PI/2 BPSK	135	138	15.64	15.81	15.72	17.5	0.0
100	PI/2 BPSK	270	0	15.73	15.82	15.81		
100	QPSK	1	1	16.00	16.03	15.94	17.5	0.0
100	QPSK	1	137	15.81	15.95	15.82		
100	QPSK	1	271	15.80	15.97	15.81		
100	QPSK	135	0	15.56	15.68	15.61	17.5	0.0
100	QPSK	135	69	15.86	15.87	15.80	17.5	0.0
100	QPSK	135	138	15.59	15.61	15.51	17.5	0.0
100	QPSK	270	0	15.62	15.75	15.58		
100	16QAM	1	1	15.62	15.78	15.68	17.5	0.0
100	64QAM	1	1	15.65	15.72	15.60	17.5	0.0
100	256QAM	1	1	15.75	15.74	15.69	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.91	15.98	15.88	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.93	15.96	15.78	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.89	15.95	15.81	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.89	15.81	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.87	15.92	15.80	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.86	15.94	15.83	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.90	15.95	15.81	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.89	15.91	15.88	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.91	15.93	15.87	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.75	18.74	18.58	20.5	0.0
100	PI/2 BPSK	1	137	18.60	18.57	18.52		
100	PI/2 BPSK	1	271	18.56	18.65	18.54		
100	PI/2 BPSK	135	0	18.77	18.76	18.52	20.5	0.0
100	PI/2 BPSK	135	69	18.51	18.65	18.56	20.5	0.0
100	PI/2 BPSK	135	138	18.55	18.65	18.51	20.5	0.0
100	PI/2 BPSK	270	0	18.58	18.65	18.62		
100	QPSK	1	1	18.80	18.90	18.76	20.5	0.0
100	QPSK	1	137	18.68	18.80	18.69		
100	QPSK	1	271	18.63	18.82	18.64		
100	QPSK	135	0	18.51	18.54	18.52	20.5	0.0
100	QPSK	135	69	18.62	18.71	18.69	20.5	0.0
100	QPSK	135	138	18.53	18.56	18.55	20.5	0.0
100	QPSK	270	0	18.54	18.57	18.56		
100	16QAM	1	1	18.56	18.63	18.61	20.5	0.0
100	64QAM	1	1	18.52	18.57	18.56	20.5	0.0
100	256QAM	1	1	18.55	18.61	18.59	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.74	18.85	18.67	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.67	18.77	18.65	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.75	18.81	18.69	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.72	18.75	18.71	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.75	18.78	18.70	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.68	18.83	18.68	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.67	18.80	18.64	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.66	18.78	18.64	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.66	18.84	18.71	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.69	13.75	13.66	14.5	0.0
40	PI/2 BPSK	1	53	13.57	13.68	13.59		
40	PI/2 BPSK	1	104	13.54	13.62	13.43		
40	PI/2 BPSK	50	0	13.77	13.78	13.58	14.5	0.0
40	PI/2 BPSK	50	28	13.50	13.68	13.57	14.5	0.0
40	PI/2 BPSK	50	56	13.46	13.66	13.49	14.5	0.0
40	PI/2 BPSK	100	0	13.55	13.57	13.59		
40	QPSK	1	1	13.71	13.87	13.86	14.5	0.0
40	QPSK	1	53	13.57	13.71	13.76		
40	QPSK	1	104	13.68	13.84	13.65		
40	QPSK	50	0	13.45	13.54	13.42	14.5	0.0
40	QPSK	50	28	13.71	13.75	13.58	14.5	0.0
40	QPSK	50	56	13.35	13.36	13.32	14.5	0.0
40	QPSK	100	0	13.41	13.51	13.36		
40	16QAM	1	1	13.54	13.63	13.51	14.5	0.0
40	64QAM	1	1	13.42	13.54	13.39	14.5	0.0
40	256QAM	1	1	13.46	13.58	13.51	14.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.59	13.77	13.70	14.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	13.58	13.80	13.76	14.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.63	13.73	13.71	14.5	0.0

Part27O n77 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.92	12.90	12.83	13.5	0.0
100	PI/2 BPSK	1	137	12.83	12.80	12.70		
100	PI/2 BPSK	1	271	12.73	12.78	12.69		
100	PI/2 BPSK	135	0	12.88	12.98	12.76	13.5	0.0
100	PI/2 BPSK	135	69	12.71	12.88	12.74	13.5	0.0
100	PI/2 BPSK	135	138	12.65	12.84	12.72	13.5	0.0
100	PI/2 BPSK	270	0	12.73	12.82	12.73		
100	QPSK	1	1	12.90	12.60	12.95	13.5	0.0
100	QPSK	1	137	12.77	12.98	12.87		
100	QPSK	1	271	12.86	13.01	12.91		
100	QPSK	135	0	12.62	12.62	12.62	13.5	0.0
100	QPSK	135	69	12.86	12.95	12.78	13.5	0.0
100	QPSK	135	138	12.55	12.62	12.47	13.5	0.0
100	QPSK	270	0	12.58	12.77	12.61		
100	16QAM	1	1	12.71	12.76	12.62	13.5	0.0
100	64QAM	1	1	12.70	12.74	12.64	13.5	0.0
100	256QAM	1	1	12.73	12.77	12.60	13.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.79	12.98	12.80	13.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.82	12.95	12.89	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.82	12.92	12.85	13.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.78	12.94	12.80	13.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.81	12.94	12.87	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.75	12.97	12.89	13.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.78	12.89	12.80	13.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.79	12.96	12.90	13.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.83	12.95	12.86	13.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.74	12.90	12.86	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.79	12.92	12.90	13.5	0.0

Part27O n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.79	15.87	15.64	16.5	0.0
100	PI/2 BPSK	1	137	15.61	15.67	15.64		
100	PI/2 BPSK	1	271	15.65	15.73	15.53		
100	PI/2 BPSK	135	0	15.82	15.85	15.63	16.5	0.0
100	PI/2 BPSK	135	69	15.59	15.71	15.69	16.5	0.0
100	PI/2 BPSK	135	138	15.58	15.76	15.62	16.5	0.0
100	PI/2 BPSK	270	0	15.61	15.75	15.60		
100	QPSK	1	1	15.79	15.95	15.90	16.5	0.0
100	QPSK	1	137	15.74	15.78	15.77		
100	QPSK	1	271	15.67	15.86	15.75		
100	QPSK	135	0	15.50	15.52	15.57	16.5	0.0
100	QPSK	135	69	15.76	15.85	15.65	16.5	0.0
100	QPSK	135	138	15.48	15.49	15.30	16.5	0.0
100	QPSK	270	0	15.49	15.58	15.43		
100	16QAM	1	1	15.59	15.69	15.61	16.5	0.0
100	64QAM	1	1	15.54	15.57	15.47	16.5	0.0
100	256QAM	1	1	15.63	15.64	15.53	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.64	15.91	15.82	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.69	15.90	15.86	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.71	15.86	15.76	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.67	15.85	15.85	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.72	15.89	15.82	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.69	15.82	15.76	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.65	15.87	15.77	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.65	15.86	15.85	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.71	15.83	15.81	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.66	15.79	15.75	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.70	15.86	15.85	16.5	0.0

Part27Q n77 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.00		13.5	0.0
100	PI/2 BPSK	1	137		12.88			
100	PI/2 BPSK	1	271		12.86			
100	PI/2 BPSK	135	0		13.08		13.5	0.0
100	PI/2 BPSK	135	69		12.82		13.5	0.0
100	PI/2 BPSK	135	138		12.87		13.5	0.0
100	PI/2 BPSK	270	0		12.87			
100	QPSK	1	1		13.09		13.5	0.0
100	QPSK	1	137		13.01			
100	QPSK	1	271		12.98			
100	QPSK	135	0		12.72		13.5	0.0
100	QPSK	135	69		12.94		13.5	0.0
100	QPSK	135	138		12.67		13.5	0.0
100	QPSK	270	0		12.76			
100	16QAM	1	1		12.79		13.5	0.0
100	64QAM	1	1		12.80		13.5	0.0
100	256QAM	1	1		12.80		13.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.89	12.97	12.79	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.80	12.98	12.83	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.93	12.93	12.77	13.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.94	12.97	12.77	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.90	12.96	12.85	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.81	12.93	12.80	13.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.87	12.99	12.77	13.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	12.84	12.98	12.71	13.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.90	12.92	12.76	13.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.96	12.97	12.82	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.82	12.93	12.78	13.5	0.0

Part27Q n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.86		16.5	0.0
100	PI/2 BPSK	1	137		15.76			
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.90		16.5	0.0
100	PI/2 BPSK	135	69		15.73		16.5	0.0
100	PI/2 BPSK	135	138		15.69		16.5	0.0
100	PI/2 BPSK	270	0		15.64			
100	QPSK	1	1		15.95		16.5	0.0
100	QPSK	1	137		15.81			
100	QPSK	1	271		15.88			
100	QPSK	135	0		15.63		16.5	0.0
100	QPSK	135	69		15.88		16.5	0.0
100	QPSK	135	138		15.55		16.5	0.0
100	QPSK	270	0		15.56			
100	16QAM	1	1		15.66		16.5	0.0
100	64QAM	1	1		15.65		16.5	0.0
100	256QAM	1	1		15.71		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.67	15.86	15.83	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.67	15.81	15.71	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.75	15.90	15.86	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.62	15.79	15.73	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.65	15.82	15.79	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.66	15.92	15.83	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.67	15.79	15.84	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.61	15.81	15.85	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.74	15.90	15.84	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.64	15.85	15.86	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.75	15.78	15.86	16.5	0.0

Part27O n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.82		13.5	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.46			
100	PI/2 BPSK	135	0		12.72		13.5	0.0
100	PI/2 BPSK	135	69		12.48		13.5	0.0
100	PI/2 BPSK	135	138		12.51		13.5	0.0
100	PI/2 BPSK	270	0		12.55			
100	QPSK	1	1		12.74		13.5	0.0
100	QPSK	1	137		12.62			
100	QPSK	1	271		12.69			
100	QPSK	135	0		12.31		13.5	0.0
100	QPSK	135	69		12.59		13.5	0.0
100	QPSK	135	138		12.24		13.5	0.0
100	QPSK	270	0		12.39			
100	16QAM	1	1		12.52		13.5	0.0
100	64QAM	1	1		12.41		13.5	0.0
100	256QAM	1	1		12.48		13.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.52	12.62	12.60	13.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.59	12.64	12.60	13.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.61	12.63	12.59	13.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.51	12.63	12.61	13.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.52	12.69	12.50	13.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.61	12.65	12.55	13.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.56	12.67	12.59	13.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.53	12.69	12.53	13.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.50	12.66	12.53	13.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.59	12.61	12.51	13.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.58	12.65	12.51	13.5	0.0

Part27O n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.53		16.5	0.0
100	PI/2 BPSK	1	137		15.43			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.60		16.5	0.0
100	PI/2 BPSK	135	69		15.43		16.5	0.0
100	PI/2 BPSK	135	138		15.37		16.5	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.65		16.5	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.55			
100	QPSK	135	0		15.21		16.5	0.0
100	QPSK	135	69		15.49		16.5	0.0
100	QPSK	135	138		15.16		16.5	0.0
100	QPSK	270	0		15.24			
100	16QAM	1	1		15.39		16.5	0.0
100	64QAM	1	1		15.34		16.5	0.0
100	256QAM	1	1		15.32		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.44	15.57	15.47	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.42	15.60	15.52	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.48	15.56	15.49	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.54	15.59	15.52	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.50	15.59	15.44	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.49	15.52	15.47	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.43	15.56	15.45	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.45	15.55	15.44	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.49	15.59	15.44	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.45	15.54	15.46	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.52	15.49	15.47	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.03			
100	PI/2 BPSK	1	137		12.85		13.5	0.0
100	PI/2 BPSK	1	271		12.88			
100	PI/2 BPSK	135	0		13.02		13.5	0.0
100	PI/2 BPSK	135	69		12.83		13.5	0.0
100	PI/2 BPSK	135	138		12.84		13.5	0.0
100	PI/2 BPSK	270	0		12.87			
100	QPSK	1	1		13.09			
100	QPSK	1	137		13.01		13.5	0.0
100	QPSK	1	271		13.00			
100	QPSK	135	0		12.75		13.5	0.0
100	QPSK	135	69		12.94		13.5	0.0
100	QPSK	135	138		12.69		13.5	0.0
100	QPSK	270	0		12.76			
100	16QAM	1	1		12.84		13.5	0.0
100	64QAM	1	1		12.77		13.5	0.0
100	256QAM	1	1		12.77		13.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.71	13.05	12.85	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.75	13.01	12.84	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.78	12.99	12.78	13.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.73	13.05	12.91	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.80	13.00	12.85	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.87	12.98	12.85	13.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.71	12.97	12.77	13.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	12.80	12.99	12.88	13.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.86	12.99	12.89	13.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.73	13.03	12.85	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.77	12.98	12.78	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.88			
100	PI/2 BPSK	1	137		15.72		16.5	0.0
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.87		16.5	0.0
100	PI/2 BPSK	135	69		15.73		16.5	0.0
100	PI/2 BPSK	135	138		15.74		16.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.96			
100	QPSK	1	137		15.92		16.5	0.0
100	QPSK	1	271		15.86			
100	QPSK	135	0		15.56		16.5	0.0
100	QPSK	135	69		15.90		16.5	0.0
100	QPSK	135	138		15.54		16.5	0.0
100	QPSK	270	0		15.70			
100	16QAM	1	1		15.69		16.5	0.0
100	64QAM	1	1		15.71		16.5	0.0
100	256QAM	1	1		15.71		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.73	15.88	15.79	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.66	15.94	15.74	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.81	15.93	15.80	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.74	15.81	15.83	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.79	15.87	15.76	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.72	15.92	15.75	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.70	15.85	15.84	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.73	15.88	15.84	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.74	15.79	15.85	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.78	15.94	15.78	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.71	15.86	15.73	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.48	17.48	17.42	18.5	0.0
40	PI/2 BPSK	1	53	17.30	17.36	17.27		
40	PI/2 BPSK	1	104	17.34	17.40	17.27		
40	PI/2 BPSK	50	0	17.45	17.56	17.29	18.5	0.0
40	PI/2 BPSK	50	28	17.25	17.41	17.33	18.5	0.0
40	PI/2 BPSK	50	56	17.23	17.43	17.31	18.5	0.0
40	PI/2 BPSK	100	0	17.38	17.37	17.30		
40	QPSK	1	1	17.53	17.63	17.52		
40	QPSK	1	53	17.44	17.50	17.42	18.5	0.0
40	QPSK	1	104	17.38	17.53	17.48		
40	QPSK	50	0	17.14	17.30	17.20	18.5	0.0
40	QPSK	50	28	17.38	17.50	17.45	18.5	0.0
40	QPSK	50	56	17.13	17.17	17.10	18.5	0.0
40	QPSK	100	0	17.15	17.29	17.12		
40	16QAM	1	1	17.23	17.34	17.27	18.5	0.0
40	64QAM	1	1	17.29	17.30	17.15	18.5	0.0
40	256QAM	1	1	17.28	17.35	17.28	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.45	17.58	17.39	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.46	17.56	17.37	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.49	17.53	17.39	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.01	17.05	16.83	18.5	0.0
100	PI/2 BPSK	1	137	16.81	16.94	16.83		
100	PI/2 BPSK	1	271	16.80	16.89	16.68		
100	PI/2 BPSK	135	0	17.00	17.01	16.88	18.5	0.0
100	PI/2 BPSK	135	69	16.79	16.84	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.74	16.91	16.72	18.5	0.0
100	PI/2 BPSK	270	0	16.82	16.81	16.83		
100	QPSK	1	1	16.98	17.11	17.07	18.5	0.0
100	QPSK	1	137	16.87	17.06	16.91		
100	QPSK	1	271	16.87	16.99	16.89		
100	QPSK	135	0	16.59	16.77	16.68	18.5	0.0
100	QPSK	135	69	16.95	16.96	16.87	18.5	0.0
100	QPSK	135	138	16.63	16.65	16.51	18.5	0.0
100	QPSK	270	0	16.64	16.75	16.64		
100	16QAM	1	1	16.75	16.79	16.68	18.5	0.0
100	64QAM	1	1	16.70	16.79	16.61	18.5	0.0
100	256QAM	1	1	16.70	16.83	16.67	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.89	17.00	16.92	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.82	17.06	16.98	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.92	17.02	16.93	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.87	17.05	16.95	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.87	17.03	16.99	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.90	17.03	17.01	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.88	17.05	17.01	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.92	17.07	16.98	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.84	17.04	16.94	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.90	17.03	16.96	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.91	16.98	16.97	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.74	19.83	19.67	21.5	0.0
100	PI/2 BPSK	1	137	19.57	19.70	19.60		
100	PI/2 BPSK	1	271	19.57	19.72	19.53		
100	PI/2 BPSK	135	0	19.78	19.79	19.65	21.5	0.0
100	PI/2 BPSK	135	69	19.62	19.68	19.61	21.5	0.0
100	PI/2 BPSK	135	138	19.55	19.67	19.58	21.5	0.0
100	PI/2 BPSK	270	0	19.63	19.64	19.63		
100	QPSK	1	1	19.86	19.94	19.82	21.5	0.0
100	QPSK	1	137	19.66	19.85	19.71		
100	QPSK	1	271	19.66	19.87	19.73		
100	QPSK	135	0	19.53	19.62	19.68	21.5	0.0
100	QPSK	135	69	19.85	19.92	19.87	21.5	0.0
100	QPSK	135	138	19.77	19.70	19.59	21.5	0.0
100	QPSK	270	0	19.79	19.87	19.71		
100	16QAM	1	1	19.80	19.90	19.84	21.5	0.0
100	64QAM	1	1	19.79	19.87	19.69	21.5	0.0
100	256QAM	1	1	19.86	19.86	19.75	21.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.78	19.90	19.73	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.73	19.82	19.72	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.82	19.81	19.76	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.72	19.85	19.78	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.77	19.78	19.74	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.74	19.83	19.73	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.76	19.84	19.68	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.73	19.83	19.77	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.72	19.79	19.67	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.76	19.86	19.72	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.71	19.84	19.70	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.29		18.5	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.18			
100	PI/2 BPSK	135	0		17.32		18.5	0.0
100	PI/2 BPSK	135	69		17.21		18.5	0.0
100	PI/2 BPSK	135	138		17.22		18.5	0.0
100	PI/2 BPSK	270	0		17.13			
100	QPSK	1	1		17.35		18.5	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.31			
100	QPSK	135	0		17.07		18.5	0.0
100	QPSK	135	69		17.31		18.5	0.0
100	QPSK	135	138		17.01		18.5	0.0
100	QPSK	270	0		17.24			
100	16QAM	1	1		17.19		18.5	0.0
100	64QAM	1	1		17.07		18.5	0.0
100	256QAM	1	1		17.15		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.03	17.21	17.12	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.08	17.24	17.12	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.15	17.27	17.10	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.08	17.24	17.12	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.10	17.20	17.15	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.05	17.22	17.14	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.08	17.26	17.13	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.08	17.28	17.16	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.02	17.33	17.12	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.08	17.28	17.20	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.07	17.22	17.17	18.5	0.0

Part27Q n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.23		21.5	0.0
100	PI/2 BPSK	1	137		20.08			
100	PI/2 BPSK	1	271		20.10			
100	PI/2 BPSK	135	0		20.17		21.5	0.0
100	PI/2 BPSK	135	69		20.09		21.5	0.0
100	PI/2 BPSK	135	138		20.01		21.5	0.0
100	PI/2 BPSK	270	0		20.03			
100	QPSK	1	1		20.26		21.5	0.0
100	QPSK	1	137		20.17			
100	QPSK	1	271		20.20			
100	QPSK	135	0		19.96		21.5	0.0
100	QPSK	135	69		20.13		21.5	0.0
100	QPSK	135	138		19.84		21.5	0.0
100	QPSK	270	0		19.90			
100	16QAM	1	1		20.00		21.5	0.0
100	64QAM	1	1		19.93		21.5	0.0
100	256QAM	1	1		19.98		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.91	20.22	20.13	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.04	20.18	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.91	20.24	20.15	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.00	20.21	20.05	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.04	20.15	20.10	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.05	20.08	20.15	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.01	20.21	20.11	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.01	20.16	20.10	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.05	20.17	20.14	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.01	20.18	20.03	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.00	20.10	20.09	21.5	0.0

Part27O n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.70		18.5	0.0
100	PI/2 BPSK	1	137		16.66			
100	PI/2 BPSK	1	271		16.59			
100	PI/2 BPSK	135	0		16.71		18.5	0.0
100	PI/2 BPSK	135	69		16.63		18.5	0.0
100	PI/2 BPSK	135	138		16.62		18.5	0.0
100	PI/2 BPSK	270	0		16.62			
100	QPSK	1	1		16.96		18.5	0.0
100	QPSK	1	137		16.73			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.60		18.5	0.0
100	QPSK	135	69		16.69		18.5	0.0
100	QPSK	135	138		16.51		18.5	0.0
100	QPSK	270	0		16.53			
100	16QAM	1	1		16.55		18.5	0.0
100	64QAM	1	1		16.56		18.5	0.0
100	256QAM	1	1		16.58		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.61	16.80	16.65	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.69	16.72	16.63	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.64	16.73	16.73	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.69	16.71	16.70	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.62	16.75	16.74	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.66	16.74	16.74	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.66	16.74	16.74	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.70	16.76	16.72	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.65	16.79	16.73	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.70	16.78	16.63	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.64	16.72	16.69	18.5	0.0

Part27O n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.78		21.5	0.0
100	PI/2 BPSK	1	137		19.60			
100	PI/2 BPSK	1	271		19.61			
100	PI/2 BPSK	135	0		19.78		21.5	0.0
100	PI/2 BPSK	135	69		19.70		21.5	0.0
100	PI/2 BPSK	135	138		19.62		21.5	0.0
100	PI/2 BPSK	270	0		19.63			
100	QPSK	1	1		19.83		21.5	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.51		21.5	0.0
100	QPSK	135	69		19.80		21.5	0.0
100	QPSK	135	138		19.79		21.5	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.63		21.5	0.0
100	64QAM	1	1		19.58		21.5	0.0
100	256QAM	1	1		19.58		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.69	19.69	19.52	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.69	19.75	19.55	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.54	19.77	19.57	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.69	19.73	19.55	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.64	19.74	19.53	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.70	19.69	19.60	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.73	19.60	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.68	19.78	19.57	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.53	19.71	19.52	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.64	19.73	19.69	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.70	19.71	19.56	21.5	0.0

Part27Q n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.86			
100	PI/2 BPSK	1	137		16.71		18.5	0.0
100	PI/2 BPSK	1	271		16.67			
100	PI/2 BPSK	135	0		16.95		18.5	0.0
100	PI/2 BPSK	135	69		16.69		18.5	0.0
100	PI/2 BPSK	135	138		16.73		18.5	0.0
100	PI/2 BPSK	270	0		16.68			
100	QPSK	1	1		16.96			
100	QPSK	1	137		16.90		18.5	0.0
100	QPSK	1	271		16.93			
100	QPSK	135	0		16.56		18.5	0.0
100	QPSK	135	69		16.79		18.5	0.0
100	QPSK	135	138		16.55		18.5	0.0
100	QPSK	270	0		16.64			
100	16QAM	1	1		16.70		18.5	0.0
100	64QAM	1	1		16.64		18.5	0.0
100	256QAM	1	1		16.63		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.68	16.90	16.81	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.66	16.93	16.67	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.61	16.81	16.74	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.76	16.88	16.81	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.62	16.83	16.81	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.63	16.91	16.68	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.72	16.83	16.81	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.66	16.80	16.71	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.75	16.86	16.73	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.67	16.89	16.81	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.65	16.83	16.81	18.5	0.0

Part27Q n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.13			
100	PI/2 BPSK	1	137		19.96		21.5	0.0
100	PI/2 BPSK	1	271		20.01			
100	PI/2 BPSK	135	0		20.09		21.5	0.0
100	PI/2 BPSK	135	69		19.94		21.5	0.0
100	PI/2 BPSK	135	138		19.98		21.5	0.0
100	PI/2 BPSK	270	0		19.95			
100	QPSK	1	1		20.23			
100	QPSK	1	137		20.10		21.5	0.0
100	QPSK	1	271		20.08			
100	QPSK	135	0		19.90		21.5	0.0
100	QPSK	135	69		20.09		21.5	0.0
100	QPSK	135	138		19.76		21.5	0.0
100	QPSK	270	0		19.85			
100	16QAM	1	1		19.98		21.5	0.0
100	64QAM	1	1		19.88		21.5	0.0
100	256QAM	1	1		19.90		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.93	20.19	20.10	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.95	20.15	20.00	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.86	20.12	20.04	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.89	20.15	20.01	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.85	20.10	20.02	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.86	20.11	20.04	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.98	20.11	20.00	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.86	20.10	20.07	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.91	20.05	20.13	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.91	20.19	20.13	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.94	20.07	19.99	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.14	15.21	15.00	16.0	0.0
40	PI/2 BPSK	1	53	15.01	15.03	14.97		
40	PI/2 BPSK	1	104	15.03	15.07	14.91		
40	PI/2 BPSK	50	0	15.09	15.21	14.95	16.0	0.0
40	PI/2 BPSK	50	28	15.01	15.09	14.98	16.0	0.0
40	PI/2 BPSK	50	56	14.97	15.01	14.95	16.0	0.0
40	PI/2 BPSK	100	0	14.92	15.08	15.00		
40	QPSK	1	1	15.14	15.27	15.26	16.0	0.0
40	QPSK	1	53	15.09	15.17	15.10		
40	QPSK	1	104	15.01	15.13	15.11		
40	QPSK	50	0	14.78	14.96	14.91	16.0	0.0
40	QPSK	50	28	15.06	15.11	15.03	16.0	0.0
40	QPSK	50	56	14.82	14.84	14.67	16.0	0.0
40	QPSK	100	0	14.79	14.95	14.81		
40	16QAM	1	1	14.84	15.03	14.87	16.0	0.0
40	64QAM	1	1	14.94	15.01	14.81	16.0	0.0
40	256QAM	1	1	14.96	14.98	14.91	16.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.07	15.15	15.13	16.0	0.0
Channel				637168	641666	646166	Tune-up	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.02	15.23	15.14	16.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.00	15.17	15.06	16.0	0.0

Part27O n77 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.83	16.75	16.67	18.0	0.0
100	PI/2 BPSK	1	137	16.59	16.73	16.63		
100	PI/2 BPSK	1	271	16.64	16.62	16.51		
100	PI/2 BPSK	135	0	16.77	16.86	16.56	18.0	0.0
100	PI/2 BPSK	135	69	16.63	16.66	16.63	18.0	0.0
100	PI/2 BPSK	135	138	16.56	16.69	16.60	18.0	0.0
100	PI/2 BPSK	270	0	16.58	16.66	16.57		
100	QPSK	1	1	16.79	16.92	16.87	18.0	0.0
100	QPSK	1	137	16.70	16.76	16.69		
100	QPSK	1	271	16.70	16.87	16.66		
100	QPSK	135	0	16.51	16.68	16.51	18.0	0.0
100	QPSK	135	69	16.74	16.85	16.71	18.0	0.0
100	QPSK	135	138	16.53	16.64	16.54	18.0	0.0
100	QPSK	270	0	16.52	16.57	16.56		
100	16QAM	1	1	16.51	16.70	16.58	18.0	0.0
100	64QAM	1	1	16.53	16.54	16.52	18.0	0.0
100	256QAM	1	1	16.58	16.67	16.58	18.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.72	16.87	16.72	18.0	0.0
Channel				649334	656000	662668	Tune-up	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.72	16.80	16.74	18.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.70	16.79	16.77	18.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.74	16.83	16.75	18.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.71	16.86	16.74	18.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.63	16.78	16.80	18.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.67	16.84	16.72	18.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.70	16.83	16.79	18.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.72	16.79	16.74	18.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.68	16.82	16.77	18.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.64	16.85	16.79	18.0	0.0

Part27O n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.53	19.55	19.46	21.0	0.0
100	PI/2 BPSK	1	137	19.38	19.41	19.39		
100	PI/2 BPSK	1	271	19.41	19.42	19.25		
100	PI/2 BPSK	135	0	19.59	19.57	19.33	21.0	0.0
100	PI/2 BPSK	135	69	19.32	19.51	19.40	21.0	0.0
100	PI/2 BPSK	135	138	19.30	19.43	19.34	21.0	0.0
100	PI/2 BPSK	270	0	19.41	19.46	19.42		
100	QPSK	1	1	19.53	19.70	19.57	21.0	0.0
100	QPSK	1	137	19.40	19.59	19.49		
100	QPSK	1	271	19.45	19.58	19.47		
100	QPSK	135	0	19.24	19.27	19.26	21.0	0.0
100	QPSK	135	69	19.43	19.52	19.40	21.0	0.0
100	QPSK	135	138	19.21	19.26	19.13	21.0	0.0
100	QPSK	270	0	19.20	19.33	19.21		
100	16QAM	1	1	19.27	19.44	19.32	21.0	0.0
100	64QAM	1	1	19.28	19.39	19.18	21.0	0.0
100	256QAM	1	1	19.33	19.42	19.23	21.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.38	19.55	19.46	21.0	0.0
Channel				649334	656000	662668	Tune-up	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.42	19.64	19.47	21.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.40	19.63	19.51	21.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.42	19.61	19.50	21.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.45	19.65	19.46	21.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.47	19.56	19.51	21.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.47	19.65	19.49	21.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.45	19.59	19.46	21.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.44	19.64	19.45	21.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.39	19.55	19.51	21.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.43	19.64	19.43	21.0	0.0

Part27Q n77 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.80		18.0	0.0
100	PI/2 BPSK	1	137		16.63			
100	PI/2 BPSK	1	271		16.73			
100	PI/2 BPSK	135	0		16.80		18.0	0.0
100	PI/2 BPSK	135	69		16.73		18.0	0.0
100	PI/2 BPSK	135	138		16.66		18.0	0.0
100	PI/2 BPSK	270	0		16.62			
100	QPSK	1	1		16.95		18.0	0.0
100	QPSK	1	137		16.78			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.58		18.0	0.0
100	QPSK	135	69		16.75		18.0	0.0
100	QPSK	135	138		16.55		18.0	0.0
100	QPSK	270	0		16.63			
100	16QAM	1	1		16.63		18.0	0.0
100	64QAM	1	1		16.61		18.0	0.0
100	256QAM	1	1		16.64		18.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.74	16.84	16.69	18.0	0.0
Channel				632668	633332	634000	Tune-up	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.71	16.90	16.80	18.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.66	16.91	16.74	18.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.71	16.77	16.79	18.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.64	16.92	16.79	18.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.70	16.79	16.76	18.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.69	16.92	16.73	18.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.62	16.93	16.73	18.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.62	16.85	16.72	18.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.71	16.90	16.78	18.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.68	16.78	16.81	18.0	0.0

Part27Q n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.63		21.0	0.0
100	PI/2 BPSK	1	137		19.53			
100	PI/2 BPSK	1	271		19.50			
100	PI/2 BPSK	135	0		19.61		21.0	0.0
100	PI/2 BPSK	135	69		19.52		21.0	0.0
100	PI/2 BPSK	135	138		19.58		21.0	0.0
100	PI/2 BPSK	270	0		19.55			
100	QPSK	1	1		19.70		21.0	0.0
100	QPSK	1	137		19.67			
100	QPSK	1	271		19.61			
100	QPSK	135	0		19.36		21.0	0.0
100	QPSK	135	69		19.64		21.0	0.0
100	QPSK	135	138		19.58		21.0	0.0
100	QPSK	270	0		19.61			
100	16QAM	1	1		19.52		21.0	0.0
100	64QAM	1	1		19.39		21.0	0.0
100	256QAM	1	1		19.46		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.26	19.44	19.31	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.19	19.35	19.29	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.28	19.45	19.25	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.32	19.43	19.27	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.31	19.39	19.35	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.19	19.41	19.30	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.22	19.41	19.26	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.26	19.45	19.25	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.20	19.33	19.37	21.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.23	19.43	19.31	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.24	19.48	19.35	21.0	0.0

Part27O n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84		18.5	0.0
100	PI/2 BPSK	1	137		16.77			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.84		18.5	0.0
100	PI/2 BPSK	135	69		16.70		18.5	0.0
100	PI/2 BPSK	135	138		16.77		18.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.97		18.5	0.0
100	QPSK	1	137		16.88			
100	QPSK	1	271		16.84			
100	QPSK	135	0		16.57		18.5	0.0
100	QPSK	135	69		16.93		18.5	0.0
100	QPSK	135	138		16.54		18.5	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.68		18.5	0.0
100	64QAM	1	1		16.68		18.5	0.0
100	256QAM	1	1		16.67		18.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.93	16.75	18.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.68	16.90	16.80	18.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.70	16.85	16.82	18.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.70	16.83	16.74	18.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.70	16.85	16.75	18.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.72	16.89	16.79	18.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.91	16.76	18.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.69	16.93	16.83	18.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.71	16.92	16.76	18.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.72	16.84	16.78	18.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.72	16.82	16.80	18.5	0.0

Part27O n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.91		21.5	0.0
100	PI/2 BPSK	1	137		19.77			
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.92		21.5	0.0
100	PI/2 BPSK	135	69		19.81		21.5	0.0
100	PI/2 BPSK	135	138		19.86		21.5	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.95		21.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.62		21.5	0.0
100	QPSK	135	69		19.92		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.70		21.5	0.0
100	256QAM	1	1		19.80		21.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.63	19.85	19.73	21.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.84	19.76	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.66	19.82	19.78	21.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.85	19.81	21.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.67	19.82	19.80	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.68	19.90	19.82	21.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.87	19.82	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.70	19.84	19.73	21.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.71	19.85	19.78	21.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.63	19.84	19.75	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.61	19.82	19.79	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.77			
100	PI/2 BPSK	1	137		16.62		18.5	0.0
100	PI/2 BPSK	1	271		16.64			
100	PI/2 BPSK	135	0		16.77		18.5	0.0
100	PI/2 BPSK	135	69		16.62		18.5	0.0
100	PI/2 BPSK	135	138		16.70		18.5	0.0
100	PI/2 BPSK	270	0		16.71			
100	QPSK	1	1		16.91			
100	QPSK	1	137		16.83		18.5	0.0
100	QPSK	1	271		16.84			
100	QPSK	135	0		16.74		18.5	0.0
100	QPSK	135	69		16.88		18.5	0.0
100	QPSK	135	138		16.76		18.5	0.0
100	QPSK	270	0		16.85			
100	16QAM	1	1		16.70		18.5	0.0
100	64QAM	1	1		16.62		18.5	0.0
100	256QAM	1	1		16.63		18.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.54	16.75	16.60	18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.53	16.69	16.67	18.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.53	16.71	16.66	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.57	16.68	16.61	18.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.58	16.64	16.66	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.54	16.73	16.63	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.78	16.54	18.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.53	16.78	16.65	18.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.53	16.69	16.55	18.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.56	16.63	16.68	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.57	16.79	16.61	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.86			
100	PI/2 BPSK	1	137		19.73		21.5	0.0
100	PI/2 BPSK	1	271		19.78			
100	PI/2 BPSK	135	0		19.97		21.5	0.0
100	PI/2 BPSK	135	69		19.73		21.5	0.0
100	PI/2 BPSK	135	138		19.83		21.5	0.0
100	PI/2 BPSK	270	0		19.77			
100	QPSK	1	1		20.00			
100	QPSK	1	137		19.91		21.5	0.0
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.68		21.5	0.0
100	QPSK	135	69		19.96		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.73		21.5	0.0
100	256QAM	1	1		19.68		21.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.56	19.91	19.78	21.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.58	19.92	19.75	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.59	19.86	19.78	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.64	19.95	19.81	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.53	19.82	19.72	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.53	19.95	19.86	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.68	19.95	19.74	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.58	19.89	19.78	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.65	19.97	19.86	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.63	19.95	19.80	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.52	19.93	19.84	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.94	21.07	20.75	22.5	1.0
40	PI/2 BPSK	1	53	21.04	21.23	20.99		
40	PI/2 BPSK	1	104	21.00	21.11	20.88		
40	PI/2 BPSK	50	0	20.37	20.49	20.26	22.0	1.5
40	PI/2 BPSK	50	28	21.04	21.09	20.84	22.5	1.0
40	PI/2 BPSK	50	56	20.39	20.52	20.32	22.0	1.5
40	PI/2 BPSK	100	0	20.49	20.53	20.35		
40	QPSK	1	1	22.23	22.29	22.11	23.5	0.0
40	QPSK	1	53	22.12	22.19	22.00		
40	QPSK	1	104	22.07	22.17	21.88		
40	QPSK	50	0	20.85	21.01	20.75	22.5	1.0
40	QPSK	50	28	21.88	22.07	21.74	23.5	0.0
40	QPSK	50	56	20.91	21.02	20.72	22.5	1.0
40	QPSK	100	0	20.88	21.01	20.76		
40	16QAM	1	1	20.95	21.02	20.75	22.5	1.0
40	64QAM	1	1	19.19	19.26	19.04	21.0	2.5
40	256QAM	1	1	17.07	17.13	17.06	19.0	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.08	22.18	21.94	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.07	22.19	21.97	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.10	22.11	22.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.11	21.21	21.04	23.0	0.0
100	PI/2 BPSK	1	137	21.18	21.22	21.16		
100	PI/2 BPSK	1	271	21.08	21.17	21.12		
100	PI/2 BPSK	135	0	21.06	21.09	21.02	23.0	0.0
100	PI/2 BPSK	135	69	21.11	21.24	21.08	23.0	0.0
100	PI/2 BPSK	135	138	21.10	21.21	21.14	23.0	0.0
100	PI/2 BPSK	270	0	21.10	21.24	21.18		
100	QPSK	1	1	21.19	21.36	21.21	23.0	0.0
100	QPSK	1	137	21.12	21.30	21.07		
100	QPSK	1	271	21.12	21.16	21.06		
100	QPSK	135	0	21.10	21.20	21.16	23.0	0.0
100	QPSK	135	69	21.21	21.27	21.20	23.0	0.0
100	QPSK	135	138	21.08	21.12	21.11	23.0	0.0
100	QPSK	270	0	21.15	21.20	21.16		
100	16QAM	1	1	21.07	21.20	21.12	23.0	0.0
100	64QAM	1	1	21.11	21.26	21.03	23.0	0.0
100	256QAM	1	1	19.56	19.71	19.55	21.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.19	21.27	21.14	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.20	21.25	21.16	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.19	21.29	21.10	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.21	21.23	21.14	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.14	21.27	21.09	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.22	21.29	21.08	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.20	21.26	21.10	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.13	21.20	21.07	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.28	21.12	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.13	21.18	21.16	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.16	21.19	21.04	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.50	24.63	24.64	26.0	0.0
100	PI/2 BPSK	1	137	24.33	24.44	24.43		
100	PI/2 BPSK	1	271	24.16	24.29	24.23		
100	PI/2 BPSK	135	0	24.18	24.32	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.42	24.59	24.52	26.0	0.0
100	PI/2 BPSK	135	138	23.93	24.06	24.05	25.5	0.5
100	PI/2 BPSK	270	0	23.88	24.03	24.05		
100	QPSK	1	1	24.60	24.71	24.62	26.0	0.0
100	QPSK	1	137	24.27	24.39	24.34		
100	QPSK	1	271	24.09	24.14	24.12		
100	QPSK	135	0	23.57	23.67	23.72	25.0	1.0
100	QPSK	135	69	24.66	24.69	24.66	26.0	0.0
100	QPSK	135	138	23.44	23.57	23.60	25.0	1.0
100	QPSK	270	0	23.40	23.55	23.50		
100	16QAM	1	1	23.52	23.69	23.64	25.0	1.0
100	64QAM	1	1	21.61	21.59	21.57	23.5	2.5
100	256QAM	1	1	20.06	20.21	20.23	21.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.47	24.62	24.48	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.52	24.61	24.52	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.48	24.59	24.46	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.43	24.61	24.51	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.53	24.54	24.46	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.50	24.63	24.48	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.50	24.59	24.46	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.44	24.58	24.53	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.51	24.55	24.55	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.49	24.53	24.47	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.51	24.56	24.54	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.21		23.0	0.0
100	PI/2 BPSK	1	137		21.19			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		21.10		23.0	0.0
100	PI/2 BPSK	135	69		21.18		23.0	0.0
100	PI/2 BPSK	135	138		21.23		23.0	0.0
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	1		21.30		23.0	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.16		23.0	0.0
100	QPSK	135	69		21.23		23.0	0.0
100	QPSK	135	138		21.20		23.0	0.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.27		23.0	0.0
100	64QAM	1	1		21.28		23.0	0.0
100	256QAM	1	1		19.54		21.5	1.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.07	21.27	21.15	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.02	21.25	21.07	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.08	21.17	21.06	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.03	21.25	21.14	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.08	21.17	21.06	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.04	21.19	21.09	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.06	21.27	21.22	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.06	21.25	21.07	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.12	21.28	21.20	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.02	21.13	21.16	23.0	0.0
Channel				630334	633332	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.01	21.12	21.08	23.0	0.0

Part27Q n77 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.20		26.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		23.91		25.5	0.5
100	PI/2 BPSK	135	69		24.22		26.0	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.5
100	PI/2 BPSK	270	0		23.80			
100	QPSK	1	1		24.39		26.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.43		25.0	1.0
100	QPSK	135	69		24.38		26.0	0.0
100	QPSK	135	138		23.23		25.0	1.0
100	QPSK	270	0		23.29			
100	16QAM	1	1		23.11		25.0	1.0
100	64QAM	1	1		21.63		23.5	2.5
100	256QAM	1	1		19.95		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.09	24.33	24.22	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.09	24.32	24.19	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.13	24.28	24.22	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.03	24.30	24.17	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	1	24.09	24.26	24.15	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.09	24.23	24.14	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.13	24.22	24.19	26.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.08	24.23	24.21	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.03	24.34	24.11	26.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.08	24.32	24.16	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.05	24.25	24.13	26.0	0.0

Part27O n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.23		24.0	0.0
100	PI/2 BPSK	1	137		22.20			
100	PI/2 BPSK	1	271		22.30			
100	PI/2 BPSK	135	0		22.19		24.0	0.0
100	PI/2 BPSK	135	69		22.31		24.0	0.0
100	PI/2 BPSK	135	138		22.08		24.0	0.0
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.34		24.0	0.0
100	QPSK	1	137		22.07			
100	QPSK	1	271		22.09			
100	QPSK	135	0		22.10		24.0	0.0
100	QPSK	135	69		22.34		24.0	0.0
100	QPSK	135	138		22.20		24.0	0.0
100	QPSK	270	0		22.33			
100	16QAM	1	1		22.21		24.0	0.0
100	64QAM	1	1		22.23		24.0	0.0
100	256QAM	1	1		20.54		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.15	22.23	22.15	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.10	22.16	22.16	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.17	22.26	22.23	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.10	22.21	22.19	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.13	22.26	22.13	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.19	22.25	22.17	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.11	22.17	22.21	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.13	22.20	22.23	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.16	22.21	22.14	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.14	22.25	22.18	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.18	22.16	22.21	24.0	0.0

Part27O n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.16			
100	PI/2 BPSK	1	271		25.29			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.06		27.0	0.0
100	PI/2 BPSK	135	138		24.98		26.5	0.5
100	PI/2 BPSK	270	0		24.93			
100	QPSK	1	1		25.49		27.0	0.0
100	QPSK	1	137		25.09			
100	QPSK	1	271		25.01			
100	QPSK	135	0		24.31		26.0	1.0
100	QPSK	135	69		25.46		27.0	0.0
100	QPSK	135	138		24.53		26.0	1.0
100	QPSK	270	0		24.33			
100	16QAM	1	1		24.18		26.0	1.0
100	64QAM	1	1		22.55		24.5	2.5
100	256QAM	1	1		20.88		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.26	25.34	25.17	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.22	25.38	25.14	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.24	25.37	25.22	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.23	25.33	25.23	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.25	25.31	25.24	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.23	25.40	25.17	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.19	25.34	25.14	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.26	25.35	25.20	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.24	25.41	25.19	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.26	25.34	25.15	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.19	25.32	25.24	27.0	0.0

Part27Q n78 PC3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3500			
100	PI/2 BPSK	1	1		22.14		24.0	0.0
100	PI/2 BPSK	1	137		22.13			
100	PI/2 BPSK	1	271		22.16			
100	PI/2 BPSK	135	0		22.16		24.0	0.0
100	PI/2 BPSK	135	69		22.06		24.0	0.0
100	PI/2 BPSK	135	138		22.05		24.0	0.0
100	PI/2 BPSK	270	0		22.11			
100	QPSK	1	1		22.30		24.0	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		22.21			
100	QPSK	135	0		22.18		24.0	0.0
100	QPSK	135	69		22.25		24.0	0.0
100	QPSK	135	138		22.01		24.0	0.0
100	QPSK	270	0		22.23			
100	16QAM	1	1		22.01		24.0	0.0
100	64QAM	1	1		22.04		24.0	0.0
100	256QAM	1	1		20.59		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500	3505		
90	QPSK	1	1	22.12	22.21	22.07	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500	3510		
80	QPSK	1	1	22.06	22.21	22.17	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500	3515		
70	QPSK	1	1	22.09	22.17	22.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500	3520		
60	QPSK	1	1	22.10	22.13	22.15	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3500	3525		
50	QPSK	1	1	22.15	22.19	22.10	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470	3500	3530		
40	QPSK	1	1	22.14	22.26	22.15	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3535		
30	QPSK	1	1	22.06	22.19	22.09	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.5	3500	3537.5		
25	QPSK	1	1	22.16	22.25	22.07	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	1	22.12	22.27	22.09	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	1	22.01	22.17	22.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	1	22.11	22.17	22.19	24.0	0.0

Part27Q n78 PC2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.15		27.0	0.0
100	PI/2 BPSK	1	137		25.10			
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		24.79		26.5	0.5
100	PI/2 BPSK	135	69		25.09		27.0	0.0
100	PI/2 BPSK	135	138		24.63		26.5	0.5
100	PI/2 BPSK	270	0		24.72			
100	QPSK	1	1		25.33		27.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.06			
100	QPSK	135	0		24.34		26.0	1.0
100	QPSK	135	69		25.31		27.0	0.0
100	QPSK	135	138		24.19		26.0	1.0
100	QPSK	270	0		24.26			
100	16QAM	1	1		24.13		26.0	1.0
100	64QAM	1	1		23.01		24.5	2.5
100	256QAM	1	1		20.82		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.12	25.25	25.20	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.10	25.21	25.13	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.13	25.21	25.17	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.03	25.22	25.15	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.01	25.23	25.09	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.02	25.31	25.11	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.01	25.25	25.08	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.03	25.29	25.16	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.03	25.27	25.14	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.11	25.24	25.06	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.04	25.24	25.07	27.0	0.0

Reduced Power Mode for Main PA ECI3

n5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.84	24.03	23.92	25.7	0.0
20	PI/2 BPSK	1	53	24.00	24.18	24.01		
20	PI/2 BPSK	1	104	24.02	24.18	24.00		
20	PI/2 BPSK	50	0	23.37	23.59	23.46	25.2	0.5
20	PI/2 BPSK	50	28	23.99	24.04	23.97	25.7	0.0
20	PI/2 BPSK	50	56	23.51	23.59	23.48	25.2	0.5
20	PI/2 BPSK	100	0	23.48	23.62	23.43		
20	QPSK	1	1	25.17	25.24	25.12	25.7	0.0
20	QPSK	1	53	25.05	25.18	25.08		
20	QPSK	1	104	25.02	25.11	24.99		
20	QPSK	50	0	23.92	24.07	23.85	24.7	1.0
20	QPSK	50	28	24.91	24.98	24.80	25.7	0.0
20	QPSK	50	56	23.89	24.03	23.98	24.7	1.0
20	QPSK	100	0	23.91	24.02	24.00		
20	16QAM	1	1	24.11	24.26	24.04	24.7	1.0
20	64QAM	1	1	22.47	22.49	22.45	23.2	2.5
20	256QAM	1	1	20.36	20.56	20.39	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.02	25.18	25.14	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.03	25.15	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.05	25.12	25.08	25.7	0.0

n12 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.61	24.71	24.68	25.5	0.0
15	PI/2 BPSK	1	40	24.59	24.69	24.56		
15	PI/2 BPSK	1	77	24.62	24.66	24.63		
15	PI/2 BPSK	36	0	24.27	24.25	24.22	25.0	0.5
15	PI/2 BPSK	36	22	24.69	24.65	24.57	25.5	0.0
15	PI/2 BPSK	36	43	24.19	24.26	24.12	25.0	0.5
15	PI/2 BPSK	75	0	24.20	24.18	24.13		
15	QPSK	1	1	24.66	24.76	24.64	25.5	0.0
15	QPSK	1	40	24.61	24.70	24.63		
15	QPSK	1	77	24.68	24.65	24.66		
15	QPSK	36	0	23.69	23.76	23.73	24.5	1.0
15	QPSK	36	22	24.54	24.72	24.48	25.5	0.0
15	QPSK	36	43	23.61	23.66	23.59	24.5	1.0
15	QPSK	75	0	23.71	23.74	23.72		
15	16QAM	1	1	23.85	23.88	23.86	24.5	1.0
15	64QAM	1	1	22.02	22.14	22.04	23.0	2.5
	256QAM	1	1	20.02	20.06	19.96	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.63	24.46	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.39	24.42	24.31	25.5	0.0

n26 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.95	24.11	23.84	25.7	0.0
20	PI/2 BPSK	1	53	24.02	24.18	24.05		
20	PI/2 BPSK	1	104	24.16	24.24	24.04		
20	PI/2 BPSK	50	0	23.52	23.62	23.44	25.2	0.5
20	PI/2 BPSK	50	28	24.11	24.09	24.02	25.7	0.0
20	PI/2 BPSK	50	56	23.53	23.71	23.46	25.2	0.5
20	PI/2 BPSK	100	0	23.59	23.64	23.46		
20	QPSK	1	1	25.18	25.25	25.06	25.7	0.0
20	QPSK	1	53	25.10	25.19	25.01		
20	QPSK	1	104	25.08	25.20	25.02		
20	QPSK	50	0	23.99	24.12	23.96	24.7	1.0
20	QPSK	50	28	24.92	24.97	24.83	25.7	0.0
20	QPSK	50	56	24.04	24.14	23.97	24.7	1.0
20	QPSK	100	0	24.02	24.11	24.01		
20	16QAM	1	1	24.11	24.21	24.04	24.7	1.0
20	64QAM	1	1	22.39	22.41	22.30	23.2	2.5
20	256QAM	1	1	20.32	20.44	20.27	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.91	25.02	24.93	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.93	25.09	24.89	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.87	24.96	24.81	25.7	0.0

n71 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.07	24.18	23.98	25.0	0.0
20	PI/2 BPSK	1	53	24.09	24.25	24.12		
20	PI/2 BPSK	1	104	24.04	24.21	23.97		
20	PI/2 BPSK	50	0	23.54	23.58	23.45	24.5	0.5
20	PI/2 BPSK	50	28	24.07	24.30	24.12	25.0	0.0
20	PI/2 BPSK	50	56	23.58	23.66	23.61	24.5	0.5
20	PI/2 BPSK	100	0	23.56	23.74	23.49		
20	QPSK	1	1	24.30	24.37	24.20	25.0	0.0
20	QPSK	1	53	24.14	24.17	24.10		
20	QPSK	1	104	24.03	24.15	23.91		
20	QPSK	50	0	23.01	23.14	22.92	24.0	1.0
20	QPSK	50	28	24.03	24.14	23.94	25.0	0.0
20	QPSK	50	56	23.12	23.13	22.95	24.0	1.0
20	QPSK	100	0	23.02	23.09	23.05		
20	16QAM	1	1	23.23	23.36	23.26	24.0	1.0
20	64QAM	1	1	21.45	21.49	21.42	22.5	2.5
20	256QAM	1	1	19.41	19.46	19.34	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.21	24.36	24.16	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.06	24.19	24.12	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.16	25.0	0.0

n5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.28	20.38	20.21	20.7	0.0
20	PI/2 BPSK	1	53	20.33	20.38	20.26		
20	PI/2 BPSK	1	104	20.35	20.44	20.15		
20	PI/2 BPSK	50	0	20.27	20.34	20.16	20.7	0.0
20	PI/2 BPSK	50	28	20.31	20.34	20.17	20.7	0.0
20	PI/2 BPSK	50	56	20.25	20.39	20.17	20.7	0.0
20	PI/2 BPSK	100	0	20.25	20.40	20.19		
20	QPSK	1	1	20.25	20.45	20.27	20.7	0.0
20	QPSK	1	53	20.33	20.36	20.18		
20	QPSK	1	104	20.34	20.35	20.20		
20	QPSK	50	0	20.26	20.38	20.27	20.7	0.0
20	QPSK	50	28	20.30	20.42	20.17	20.7	0.0
20	QPSK	50	56	20.26	20.41	20.16	20.7	0.0
20	QPSK	100	0	20.28	20.35	20.23		
20	16QAM	1	1	20.34	20.44	20.21	20.7	0.0
20	64QAM	1	1	20.20	20.22	20.31	20.7	0.0
20	256QAM	1	1	20.36	20.33	20.29	20.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.03	20.35	20.22	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.13	20.39	20.15	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.11	20.30	20.07	20.7	0.0

n12 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	21.65	21.63	21.53	22.7	0.0
15	PI/2 BPSK	1	40	21.45	21.54	21.45		
15	PI/2 BPSK	1	77	21.41	21.48	21.42		
15	PI/2 BPSK	36	0	21.60	21.64	21.49	22.7	0.0
15	PI/2 BPSK	36	22	21.45	21.59	21.53	22.7	0.0
15	PI/2 BPSK	36	43	21.38	21.55	21.49	22.7	0.0
15	PI/2 BPSK	75	0	21.51	21.54	21.54		
15	QPSK	1	1	21.70	21.76	21.70	22.7	0.0
15	QPSK	1	40	21.60	21.73	21.59		
15	QPSK	1	77	21.60	21.70	21.58		
15	QPSK	36	0	21.32	21.45	21.36	22.7	0.0
15	QPSK	36	22	21.59	21.66	21.58	22.7	0.0
15	QPSK	36	43	21.36	21.28	21.22	22.7	0.0
15	QPSK	75	0	21.29	21.44	21.37		
15	16QAM	1	1	21.36	21.54	21.33	22.7	0.0
15	64QAM	1	1	21.38	21.50	21.39	22.7	0.0
	256QAM	1	1	19.79	19.88	19.82	21.2	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	21.55	21.64	21.62	22.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.62	21.67	21.62	22.7	0.0

n26 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.34	21.39	21.34	21.7	0.0
20	PI/2 BPSK	1	53	21.46	21.27	21.43		
20	PI/2 BPSK	1	104	21.43	21.46	21.34		
20	PI/2 BPSK	50	0	21.42	21.31	21.29	21.7	0.0
20	PI/2 BPSK	50	28	21.41	21.36	21.43	21.7	0.0
20	PI/2 BPSK	50	56	21.43	21.41	21.37	21.7	0.0
20	PI/2 BPSK	100	0	21.27	21.41	21.36		
20	QPSK	1	1	21.45	21.49	21.43	21.7	0.0
20	QPSK	1	53	21.43	21.28	21.29		
20	QPSK	1	104	21.47	21.27	21.31		
20	QPSK	50	0	21.40	21.32	21.36	21.7	0.0
20	QPSK	50	28	21.40	21.47	21.43	21.7	0.0
20	QPSK	50	56	21.38	21.29	21.44	21.7	0.0
20	QPSK	100	0	21.33	21.42	21.36		
20	16QAM	1	1	21.34	21.35	21.36	21.7	0.0
20	64QAM	1	1	21.43	21.43	21.36	21.7	0.0
20	256QAM	1	1	20.42	20.55	20.43	21.2	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.33	21.40	21.39	21.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.37	21.33	21.24	21.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.28	21.47	21.36	21.7	0.0

n71 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.24	21.24	21.14		
20	PI/2 BPSK	1	53	21.11	21.17	21.03	22.5	0.0
20	PI/2 BPSK	1	104	21.04	21.10	20.93		
20	PI/2 BPSK	50	0	21.20	21.31	21.12	22.5	0.0
20	PI/2 BPSK	50	28	20.99	21.15	21.04	22.5	0.0
20	PI/2 BPSK	50	56	20.99	21.19	21.04	22.5	0.0
20	PI/2 BPSK	100	0	21.10	21.09	21.13		
20	QPSK	1	1	21.25	21.33	21.25		
20	QPSK	1	53	21.09	21.25	21.20	22.5	0.0
20	QPSK	1	104	21.15	21.31	21.22		
20	QPSK	50	0	20.95	20.94	20.94	22.5	0.0
20	QPSK	50	28	21.15	21.21	21.18	22.5	0.0
20	QPSK	50	56	20.89	20.95	20.83	22.5	0.0
20	QPSK	100	0	20.87	20.99	20.85		
20	16QAM	1	1	20.97	21.08	20.94	22.5	0.0
20	64QAM	1	1	20.95	21.01	20.95	22.5	0.0
20	256QAM	1	1	19.58	19.58	19.43	21.0	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.19	21.21	21.16	22.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.17	21.18	21.18	22.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.13	21.19	21.17	22.5	0.0

n2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.49	17.56	17.42	18.5	0.0
20	PI/2 BPSK	1	53	17.37	17.48	17.35		
20	PI/2 BPSK	1	104	17.38	17.47	17.26		
20	PI/2 BPSK	50	0	17.49	17.58	17.34	18.5	0.0
20	PI/2 BPSK	50	28	17.32	17.49	17.32	18.5	0.0
20	PI/2 BPSK	50	56	17.29	17.51	17.34	18.5	0.0
20	PI/2 BPSK	100	0	17.33	17.37	17.41		
20	QPSK	1	1	17.59	17.64	17.61	18.5	0.0
20	QPSK	1	53	17.44	17.61	17.52		
20	QPSK	1	104	17.50	17.59	17.45		
20	QPSK	50	0	17.25	17.29	17.25	18.5	0.0
20	QPSK	50	28	17.51	17.61	17.42	18.5	0.0
20	QPSK	50	56	17.21	17.20	17.11	18.5	0.0
20	QPSK	100	0	17.27	17.32	17.17		
20	16QAM	1	1	17.34	17.35	17.26	18.5	0.0
20	64QAM	1	1	17.19	17.20	17.12	18.5	0.0
20	256QAM	1	1	17.04	17.14	17.03	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.45	17.50	17.54	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.46	17.44	17.57	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.51	17.61	17.40	18.5	0.0

n7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.08	19.14	19.02	19.7	0.0
50	PI/2 BPSK	1	135	18.98	18.96	18.92		
50	PI/2 BPSK	1	268	18.95	18.99	18.80		
50	PI/2 BPSK	135	0	19.04	19.13	18.94	19.7	0.0
50	PI/2 BPSK	135	68	18.92	19.05	18.93	19.7	0.0
50	PI/2 BPSK	135	135	18.91	18.99	18.86	19.7	0.0
50	PI/2 BPSK	270	0	18.89	18.98	18.95		
50	QPSK	1	1	19.17	19.19	19.14	19.7	0.0
50	QPSK	1	135	18.99	19.07	19.07		
50	QPSK	1	268	19.06	19.10	19.03		
50	QPSK	135	0	18.74	18.80	18.86	19.7	0.0
50	QPSK	135	68	18.98	19.12	18.96	19.7	0.0
50	QPSK	135	135	18.77	18.77	18.71	19.7	0.0
50	QPSK	270	0	18.80	18.84	18.80		
50	16QAM	1	1	18.88	19.00	18.89	19.7	0.0
50	64QAM	1	1	18.79	18.86	18.81	19.7	0.0
50	256QAM	1	1	18.86	18.91	18.83	19.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.13	19.15	18.97	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.07	19.07	18.98	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.02	18.99	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.11	19.09	19.08	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.10	18.99	19.04	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.99	19.06	19.00	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.97	19.14	18.92	19.7	0.0

n25 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.07	18.00	17.89	19.0	0.0
40	PI/2 BPSK	1	108	17.92	17.97	17.79		
40	PI/2 BPSK	1	214	17.84	17.96	17.78		
40	PI/2 BPSK	108	0	18.02	18.07	17.82	19.0	0.0
40	PI/2 BPSK	108	54	17.81	17.91	17.92	19.0	0.0
40	PI/2 BPSK	108	108	17.82	17.93	17.78	19.0	0.0
40	PI/2 BPSK	216	0	17.86	17.87	17.86		
40	QPSK	1	1	18.04	18.16	18.14	19.0	0.0
40	QPSK	1	108	17.90	18.07	18.04		
40	QPSK	1	214	17.88	18.04	18.02		
40	QPSK	108	0	17.71	17.83	17.75	19.0	0.0
40	QPSK	108	54	17.93	18.08	17.97	19.0	0.0
40	QPSK	108	108	17.67	17.86	17.61	19.0	0.0
40	QPSK	216	0	17.73	17.86	17.72		
40	16QAM	1	1	17.83	17.93	17.76	19.0	0.0
40	64QAM	1	1	17.72	17.81	17.65	19.0	0.0
40	256QAM	1	1	17.76	17.82	17.79	19.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.86	18.05	17.93	19.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.96	18.12	18.03	19.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.89	18.04	18.05	19.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.97	18.06	17.93	19.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.93	18.07	17.94	19.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.94	17.94	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.67	18.74	18.56	19.2	0.0
40	PI/2 BPSK	1	108	18.52	18.55	18.51		
40	PI/2 BPSK	1	214	18.55	18.60	18.36		
40	PI/2 BPSK	108	0	18.66	18.77	18.50	19.2	0.0
40	PI/2 BPSK	108	54	18.54	18.59	18.50	19.2	0.0
40	PI/2 BPSK	108	108	18.49	18.64	18.46	19.2	0.0
40	PI/2 BPSK	216	0	18.52	18.55	18.57		
40	QPSK	1	1	18.70	18.85	18.79	19.2	0.0
40	QPSK	1	108	18.54	18.70	18.68		
40	QPSK	1	214	18.58	18.71	18.63		
40	QPSK	108	0	18.32	18.40	18.39	19.2	0.0
40	QPSK	108	54	18.57	18.74	18.60	19.2	0.0
40	QPSK	108	108	18.40	18.35	18.23	19.2	0.0
40	QPSK	216	0	18.30	18.52	18.30		
40	16QAM	1	1	18.41	18.60	18.42	19.2	0.0
40	64QAM	1	1	18.42	18.48	18.36	19.2	0.0
40	256QAM	1	1	18.51	18.48	18.38	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.54	18.63	18.61	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.59	18.67	18.62	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.67	18.82	18.70	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.60	18.75	18.72	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.51	18.80	18.63	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.63	18.76	18.61	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.32	18.37	18.29	19.2	0.0
40	PI/2 BPSK	1	53	18.19	18.29	18.21		
40	PI/2 BPSK	1	104	18.15	18.28	18.11		
40	PI/2 BPSK	50	0	18.30	18.41	18.25	19.2	0.0
40	PI/2 BPSK	50	28	18.15	18.32	18.21	19.2	0.0
40	PI/2 BPSK	50	56	18.15	18.32	18.11	19.2	0.0
40	PI/2 BPSK	100	0	18.22	18.21	18.22		
40	QPSK	1	1	18.41	18.46	18.38	19.2	0.0
40	QPSK	1	53	18.28	18.38	18.37		
40	QPSK	1	104	18.26	18.39	18.31		
40	QPSK	50	0	17.98	18.08	18.06	19.2	0.0
40	QPSK	50	28	18.27	18.40	18.24	19.2	0.0
40	QPSK	50	56	18.05	18.06	17.97	19.2	0.0
40	QPSK	100	0	17.98	18.19	18.04		
40	16QAM	1	1	18.12	18.28	18.09	19.2	0.0
40	64QAM	1	1	18.09	18.15	18.07	19.2	0.0
40	256QAM	1	1	18.20	18.16	18.12	19.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.29	18.30	18.22	19.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.35	18.42	18.34	19.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.38	18.31	18.17	19.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.20	18.26	18.24	19.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.24	18.43	18.31	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.29	18.35	18.18	19.0	0.0
100	PI/2 BPSK	1	137	18.22	18.24	18.12		
100	PI/2 BPSK	1	271	18.16	18.20	18.05		
100	PI/2 BPSK	135	0	18.26	18.36	18.22	19.0	0.0
100	PI/2 BPSK	135	69	18.11	18.22	18.18	19.0	0.0
100	PI/2 BPSK	135	138	18.13	18.28	18.13	19.0	0.0
100	PI/2 BPSK	270	0	18.18	18.16	18.20		
100	QPSK	1	1	18.33	18.40	18.38	19.0	0.0
100	QPSK	1	137	18.25	18.37	18.32		
100	QPSK	1	271	18.21	18.35	18.30		
100	QPSK	135	0	18.05	18.12	18.04	19.0	0.0
100	QPSK	135	69	18.24	18.38	18.22	19.0	0.0
100	QPSK	135	138	18.00	17.97	17.91	19.0	0.0
100	QPSK	270	0	18.02	18.17	17.95		
100	16QAM	1	1	18.12	18.19	18.03	19.0	0.0
100	64QAM	1	1	18.04	18.18	17.95	19.0	0.0
100	256QAM	1	1	18.11	18.12	18.05	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.33	18.37	18.32	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.31	18.39	18.36	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.34	18.37	18.33	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.31	18.38	18.35	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.27	18.35	18.35	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.34	18.34	18.32	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.32	18.37	18.34	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.35	18.34	18.35	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.32	18.36	18.34	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.01	21.09	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.84	20.93	20.77		
100	PI/2 BPSK	1	271	20.81	20.86	20.74		
100	PI/2 BPSK	135	0	20.95	21.02	20.87	22.0	0.0
100	PI/2 BPSK	135	69	20.85	20.93	20.91	22.0	0.0
100	PI/2 BPSK	135	138	20.76	20.92	20.78	22.0	0.0
100	PI/2 BPSK	270	0	20.81	20.90	20.86		
100	QPSK	1	1	21.09	21.18	21.04	22.0	0.0
100	QPSK	1	137	20.90	21.08	20.95		
100	QPSK	1	271	20.92	21.12	20.96		
100	QPSK	135	0	20.65	20.84	20.80	22.0	0.0
100	QPSK	135	69	20.97	21.07	20.98	22.0	0.0
100	QPSK	135	138	20.64	20.67	20.54	22.0	0.0
100	QPSK	270	0	20.74	20.79	20.66		
100	16QAM	1	1	20.71	20.92	20.73	22.0	0.0
100	64QAM	1	1	20.79	20.88	20.69	22.0	0.0
100	256QAM	1	1	20.68	20.86	20.68	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	21.09	20.82	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.99	21.14	21.02	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.05	21.04	20.84	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.96	21.03	20.90	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.03	21.16	21.01	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.01	21.07	20.88	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.87	21.16	21.01	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.94	21.09	20.85	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.91	20.98	20.99	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.16	18.31	18.27	19.7	0.0
20	PI/2 BPSK	1	53	18.14	18.29	18.29		
20	PI/2 BPSK	1	104	18.21	18.27	18.28		
20	PI/2 BPSK	50	0	18.13	18.37	18.32	19.7	0.0
20	PI/2 BPSK	50	28	18.16	18.36	18.26	19.7	0.0
20	PI/2 BPSK	50	56	18.13	18.31	18.25	19.7	0.0
20	PI/2 BPSK	100	0	18.17	18.29	18.35		
20	QPSK	1	1	18.15	18.39	18.28	19.7	0.0
20	QPSK	1	53	18.13	18.38	18.29		
20	QPSK	1	104	18.20	18.36	18.31		
20	QPSK	50	0	18.12	18.28	18.25	19.7	0.0
20	QPSK	50	28	18.14	18.33	18.29	19.7	0.0
20	QPSK	50	56	18.18	18.31	18.26	19.7	0.0
20	QPSK	100	0	18.18	18.32	18.26		
20	16QAM	1	1	18.20	18.30	18.25	19.7	0.0
20	64QAM	1	1	18.11	18.28	18.23	19.7	0.0
20	256QAM	1	1	18.14	18.32	18.27	19.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.11	18.29	18.26	19.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.16	18.32	18.30	19.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.06	18.25	18.26	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.20	19.37	19.22	20.2	0.0
50	PI/2 BPSK	1	135	19.20	19.42	19.14		
50	PI/2 BPSK	1	268	19.12	19.36	19.19		
50	PI/2 BPSK	135	0	19.12	19.34	19.15	20.2	0.0
50	PI/2 BPSK	135	68	19.21	19.38	19.19	20.2	0.0
50	PI/2 BPSK	135	135	19.15	19.40	19.24	20.2	0.0
50	PI/2 BPSK	270	0	19.22	19.37	19.22		
50	QPSK	1	1	19.16	19.44	19.14	20.2	0.0
50	QPSK	1	135	19.20	19.43	19.18		
50	QPSK	1	268	19.13	19.35	19.18		
50	QPSK	135	0	19.22	19.36	19.15	20.2	0.0
50	QPSK	135	68	19.19	19.41	19.22	20.2	0.0
50	QPSK	135	135	19.20	19.34	19.24	20.2	0.0
50	QPSK	270	0	19.22	19.33	19.25		
50	16QAM	1	1	19.17	19.42	19.24	20.2	0.0
50	64QAM	1	1	19.19	19.35	19.19	20.2	0.0
50	256QAM	1	1	19.14	19.39	19.11	20.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.18	19.42	19.12	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.14	19.38	19.09	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.18	19.41	19.05	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.17	19.38	19.05	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.10	19.36	19.07	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.17	19.43	19.05	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.09	19.41	19.12	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.88	18.91	18.91	20.2	0.0
40	PI/2 BPSK	1	108	18.79	18.88	18.77		
40	PI/2 BPSK	1	214	18.92	18.90	18.82		
40	PI/2 BPSK	108	0	18.74	18.89	18.88	20.2	0.0
40	PI/2 BPSK	108	54	18.85	18.84	18.86	20.2	0.0
40	PI/2 BPSK	108	108	18.87	18.84	18.79	20.2	0.0
40	PI/2 BPSK	216	0	18.74	18.85	18.94		
40	QPSK	1	1	18.73	18.98	18.75	20.2	0.0
40	QPSK	1	108	18.72	18.91	18.92		
40	QPSK	1	214	18.80	18.88	18.76		
40	QPSK	108	0	18.84	18.87	18.90	20.2	0.0
40	QPSK	108	54	18.73	18.91	18.87	20.2	0.0
40	QPSK	108	108	18.79	18.70	18.80	20.2	0.0
40	QPSK	216	0	18.76	18.88	18.81		
40	16QAM	1	1	18.90	18.86	18.81	20.2	0.0
40	64QAM	1	1	18.79	18.80	18.88	20.2	0.0
40	256QAM	1	1	18.75	18.85	18.85	20.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.79	18.84	18.67	20.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.77	18.81	18.67	20.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.71	18.95	18.76	20.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.67	18.92	18.77	20.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.73	18.95	18.71	20.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.67	18.90	18.78	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.50	20.47	20.53	21.2	0.0
40	PI/2 BPSK	1	108	20.41	20.58	20.55		
40	PI/2 BPSK	1	214	20.49	20.47	20.49		
40	PI/2 BPSK	108	0	20.52	20.58	20.43	21.2	0.0
40	PI/2 BPSK	108	54	20.41	20.50	20.58	21.2	0.0
40	PI/2 BPSK	108	108	20.52	20.52	20.43	21.2	0.0
40	PI/2 BPSK	216	0	20.52	20.58	20.55		
40	QPSK	1	1	20.43	20.60	20.43	21.2	0.0
40	QPSK	1	108	20.41	20.58	20.55		
40	QPSK	1	214	20.43	20.51	20.42		
40	QPSK	108	0	20.45	20.53	20.47	21.2	0.0
40	QPSK	108	54	20.38	20.58	20.47	21.2	0.0
40	QPSK	108	108	20.41	20.54	20.43	21.2	0.0
40	QPSK	216	0	20.46	20.56	20.43		
40	16QAM	1	1	20.38	20.50	20.57	21.2	0.0
40	64QAM	1	1	20.39	20.48	20.54	21.2	0.0
40	256QAM	1	1	20.14	20.14	20.17	21.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.51	20.45	20.47	21.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.53	20.45	20.45	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.46	20.55	20.42	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.53	20.46	20.52	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.42	20.46	20.47	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.40	20.44	20.47	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.13	17.26	16.97	18.2	0.0
40	PI/2 BPSK	1	53	17.14	17.29	16.98		
40	PI/2 BPSK	1	104	17.13	17.23	17.03		
40	PI/2 BPSK	50	0	17.25	17.24	17.05	18.2	0.0
40	PI/2 BPSK	50	28	17.14	17.25	17.05	18.2	0.0
40	PI/2 BPSK	50	56	17.13	17.26	17.08	18.2	0.0
40	PI/2 BPSK	100	0	17.22	17.26	17.09		
40	QPSK	1	1	17.22	17.31	17.07	18.2	0.0
40	QPSK	1	53	17.25	17.22	17.05		
40	QPSK	1	104	17.23	17.20	17.03		
40	QPSK	50	0	17.27	17.20	17.03	18.2	0.0
40	QPSK	50	28	17.27	17.28	16.99	18.2	0.0
40	QPSK	50	56	17.24	17.21	17.12	18.2	0.0
40	QPSK	100	0	17.17	17.25	17.00		
40	16QAM	1	1	17.27	17.24	16.98	18.2	0.0
40	64QAM	1	1	17.25	17.27	17.11	18.2	0.0
40	256QAM	1	1	17.23	17.20	17.06	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.20	17.25	17.09	18.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.20	17.30	17.00	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.13	17.25	17.09	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.16	17.26	17.05	18.2	0.0
Channel				515003	518999	522995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.0125	2594.9925	2614.9725		
10	QPSK	1	1	17.23	17.24	17.09	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.53	16.71	16.51	18.0	0.0
100	PI/2 BPSK	1	137	16.55	16.63	16.44		
100	PI/2 BPSK	1	271	16.49	16.58	16.52		
100	PI/2 BPSK	135	0	16.51	16.67	16.50	18.0	0.0
100	PI/2 BPSK	135	69	16.61	16.71	16.48	18.0	0.0
100	PI/2 BPSK	135	138	16.59	16.67	16.44	18.0	0.0
100	PI/2 BPSK	270	0	16.63	16.72	16.42		
100	QPSK	1	1	16.48	16.75	16.43	18.0	0.0
100	QPSK	1	137	16.64	16.69	16.39		
100	QPSK	1	271	16.59	16.74	16.46		
100	QPSK	135	0	16.51	16.72	16.39	18.0	0.0
100	QPSK	135	69	16.48	16.73	16.54	18.0	0.0
100	QPSK	135	138	16.52	16.65	16.43	18.0	0.0
100	QPSK	270	0	16.60	16.68	16.46		
100	16QAM	1	1	16.56	16.64	16.47	18.0	0.0
100	64QAM	1	1	16.61	16.63	16.52	18.0	0.0
100	256QAM	1	1	16.55	16.67	16.41	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.45	16.69	16.41	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.43	16.74	16.39	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.42	16.74	16.35	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.41	16.71	16.35	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.49	16.73	16.43	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.45	16.68	16.35	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.40	16.69	16.34	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.40	16.70	16.34	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.44	16.67	16.36	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.59	19.79	19.69	21.0	0.0
100	PI/2 BPSK	1	137	19.54	19.69	19.71		
100	PI/2 BPSK	1	271	19.60	19.73	19.70		
100	PI/2 BPSK	135	0	19.61	19.75	19.66	21.0	0.0
100	PI/2 BPSK	135	69	19.61	19.71	19.74	21.0	0.0
100	PI/2 BPSK	135	138	19.61	19.64	19.66	21.0	0.0
100	PI/2 BPSK	270	0	19.56	19.72	19.68		
100	QPSK	1	1	19.56	19.80	19.72	21.0	0.0
100	QPSK	1	137	19.49	19.70	19.67		
100	QPSK	1	271	19.63	19.69	19.62		
100	QPSK	135	0	19.65	19.70	19.73	21.0	0.0
100	QPSK	135	69	19.62	19.75	19.68	21.0	0.0
100	QPSK	135	138	19.56	19.69	19.71	21.0	0.0
100	QPSK	270	0	19.52	19.74	19.68		
100	16QAM	1	1	19.51	19.78	19.70	21.0	0.0
100	64QAM	1	1	19.52	19.66	19.71	21.0	0.0
100	256QAM	1	1	19.52	19.75	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.50	19.79	19.72	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.49	19.75	19.64	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.56	19.74	19.74	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.48	19.71	19.64	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.56	19.74	19.73	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.58	19.74	19.71	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.48	19.79	19.69	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.58	19.79	19.74	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.51	19.78	19.70	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.96	18.91	18.86	20.5	0.0
20	PI/2 BPSK	1	53	18.75	18.79	18.73		
20	PI/2 BPSK	1	104	18.73	18.81	18.66		
20	PI/2 BPSK	50	0	18.92	19.02	18.78	20.5	0.0
20	PI/2 BPSK	50	28	18.80	18.82	18.73	20.5	0.0
20	PI/2 BPSK	50	56	18.71	18.89	18.79	20.5	0.0
20	PI/2 BPSK	100	0	18.77	18.81	18.74		
20	QPSK	1	1	18.93	19.05	19.04	20.5	0.0
20	QPSK	1	53	18.82	19.01	18.85		
20	QPSK	1	104	18.80	18.98	18.85		
20	QPSK	50	0	18.61	18.68	18.62	20.5	0.0
20	QPSK	50	28	18.91	19.00	18.82	20.5	0.0
20	QPSK	50	56	18.81	18.84	18.85	20.5	0.0
20	QPSK	100	0	18.61	18.90	18.65		
20	16QAM	1	1	18.68	18.83	18.73	20.5	0.0
20	64QAM	1	1	18.64	18.74	18.58	20.5	0.0
20	256QAM	1	1	19.01	19.03	19.01	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.74	18.98	18.86	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.84	18.92	18.98	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.71	18.96	18.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.61	20.63	20.48	21.7	0.0
50	PI/2 BPSK	1	135	20.46	20.57	20.40		
50	PI/2 BPSK	1	268	20.50	20.54	20.41		
50	PI/2 BPSK	135	0	20.64	20.64	20.49	21.7	0.0
50	PI/2 BPSK	135	68	20.40	20.53	20.42	21.7	0.0
50	PI/2 BPSK	135	135	20.35	20.59	20.44	21.7	0.0
50	PI/2 BPSK	270	0	20.42	20.57	20.48		
50	QPSK	1	1	20.69	20.75	20.70	21.7	0.0
50	QPSK	1	135	20.48	20.62	20.66		
50	QPSK	1	268	20.57	20.66	20.60		
50	QPSK	135	0	20.34	20.43	20.39	21.7	0.0
50	QPSK	135	68	20.50	20.66	20.57	21.7	0.0
50	QPSK	135	135	20.34	20.38	20.14	21.7	0.0
50	QPSK	270	0	20.34	20.44	20.27		
50	16QAM	1	1	20.43	20.49	20.33	21.7	0.0
50	64QAM	1	1	20.42	20.43	20.31	21.7	0.0
50	256QAM	1	1	19.58	19.66	19.65	21.2	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.59	20.61	21.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.49	20.73	20.68	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.55	20.64	20.55	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.55	20.63	20.55	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.63	20.65	20.60	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.62	20.49	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.59	20.71	20.66	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.63	19.62	19.46	21.0	0.0
40	PI/2 BPSK	1	108	19.42	19.45	19.38		
40	PI/2 BPSK	1	214	19.48	19.55	19.28		
40	PI/2 BPSK	108	0	19.55	19.65	19.46	21.0	0.0
40	PI/2 BPSK	108	54	19.39	19.48	19.42	21.0	0.0
40	PI/2 BPSK	108	108	19.43	19.50	19.38	21.0	0.0
40	PI/2 BPSK	216	0	19.40	19.47	19.50		
40	QPSK	1	1	19.64	19.76	19.68	21.0	0.0
40	QPSK	1	108	19.48	19.61	19.63		
40	QPSK	1	214	19.45	19.67	19.60		
40	QPSK	108	0	19.30	19.33	19.27	21.0	0.0
40	QPSK	108	54	19.53	19.61	19.57	21.0	0.0
40	QPSK	108	108	19.29	19.32	19.22	21.0	0.0
40	QPSK	216	0	19.26	19.34	19.28		
40	16QAM	1	1	19.34	19.52	19.38	21.0	0.0
40	64QAM	1	1	19.28	19.41	19.33	21.0	0.0
40	256QAM	1	1	19.15	19.15	19.09	21.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.61	19.51	21.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.57	19.64	19.55	21.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.60	19.74	19.54	21.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.53	19.63	19.50	21.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.44	19.64	19.62	21.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.50	19.65	19.47	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.13	19.03	18.99		
40	PI/2 BPSK	1	108	19.02	19.07	18.97	20.2	0.0
40	PI/2 BPSK	1	214	19.00	19.01	18.92		
40	PI/2 BPSK	108	0	19.12	19.15	18.97	20.2	0.0
40	PI/2 BPSK	108	54	19.01	19.10	19.02	20.2	0.0
40	PI/2 BPSK	108	108	18.92	19.05	18.89	20.2	0.0
40	PI/2 BPSK	216	0	19.02	19.08	19.05		
40	QPSK	1	1	19.21	19.23	19.20		
40	QPSK	1	108	19.00	19.14	19.14	20.2	0.0
40	QPSK	1	214	19.03	19.16	19.07		
40	QPSK	108	0	18.78	18.92	18.85	20.2	0.0
40	QPSK	108	54	19.09	19.12	19.05	20.2	0.0
40	QPSK	108	108	18.80	18.88	18.70	20.2	0.0
40	QPSK	216	0	18.78	18.99	18.77		
40	16QAM	1	1	18.88	19.03	18.95	20.2	0.0
40	64QAM	1	1	18.82	18.91	18.79	20.2	0.0
40	256QAM	1	1	18.95	19.03	18.94	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.02	19.21	19.15	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.09	19.06	18.99	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.04	19.06	19.09	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.00	19.09	19.04	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.11	19.02	19.12	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.04	19.15	19.02	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.16	19.15	19.06		
40	PI/2 BPSK	1	53	19.01	18.98	19.00	20.2	0.0
40	PI/2 BPSK	1	104	18.92	19.05	18.85		
40	PI/2 BPSK	50	0	19.13	19.22	19.00	20.2	0.0
40	PI/2 BPSK	50	28	18.97	19.08	19.02	20.2	0.0
40	PI/2 BPSK	50	56	18.94	19.02	18.91	20.2	0.0
40	PI/2 BPSK	100	0	18.97	19.06	19.01		
40	QPSK	1	1	19.11	19.25	19.24		
40	QPSK	1	53	18.98	19.15	19.07	20.2	0.0
40	QPSK	1	104	19.02	19.17	19.12		
40	QPSK	50	0	18.75	18.90	18.84	20.2	0.0
40	QPSK	50	28	19.09	19.12	19.09	20.2	0.0
40	QPSK	50	56	18.81	18.85	18.72	20.2	0.0
40	QPSK	100	0	18.81	18.89	18.75		
40	16QAM	1	1	18.91	18.98	18.90	20.2	0.0
40	64QAM	1	1	18.84	18.99	18.81	20.2	0.0
40	256QAM	1	1	18.63	18.75	18.69	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.95	19.23	19.04	20.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.01	19.14	19.13	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.02	19.11	19.05	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.08	19.21	19.06	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.98	19.05	19.11	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.79	18.81	18.67		
100	PI/2 BPSK	1	137	18.73	18.67	18.57	20.0	0.0
100	PI/2 BPSK	1	271	18.68	18.69	18.59		
100	PI/2 BPSK	135	0	18.81	18.83	18.69	20.0	0.0
100	PI/2 BPSK	135	69	18.60	18.76	18.62	20.0	0.0
100	PI/2 BPSK	135	138	18.60	18.72	18.61	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.72	18.63		
100	QPSK	1	1	18.92	18.97	18.84		
100	QPSK	1	137	18.68	18.90	18.80	20.0	0.0
100	QPSK	1	271	18.75	18.82	18.80		
100	QPSK	135	0	18.45	18.52	18.52	20.0	0.0
100	QPSK	135	69	18.72	18.86	18.77	20.0	0.0
100	QPSK	135	138	18.54	18.57	18.34	20.0	0.0
100	QPSK	270	0	18.53	18.66	18.44		
100	16QAM	1	1	18.63	18.69	18.60	20.0	0.0
100	64QAM	1	1	18.60	18.65	18.50	20.0	0.0
100	256QAM	1	1	18.55	18.64	18.50	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	18.92	18.68	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.76	18.81	18.78	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.75	18.87	18.82	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.85	18.92	18.67	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.82	18.84	18.72	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.87	18.85	18.70	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.82	18.81	18.63	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.87	18.92	18.64	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.90	18.75	18.73	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.60	21.62	21.46		
100	PI/2 BPSK	1	137	21.38	21.47	21.43	23.0	0.0
100	PI/2 BPSK	1	271	21.37	21.43	21.29		
100	PI/2 BPSK	135	0	21.54	21.58	21.39	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.52	21.36	23.0	0.0
100	PI/2 BPSK	135	138	21.33	21.49	21.32	23.0	0.0
100	PI/2 BPSK	270	0	21.44	21.43	21.36		
100	QPSK	1	1	21.62	21.69	21.66		
100	QPSK	1	137	21.52	21.59	21.58	23.0	0.0
100	QPSK	1	271	21.46	21.60	21.45		
100	QPSK	135	0	21.27	21.34	21.34	23.0	0.0
100	QPSK	135	69	21.45	21.59	21.47	23.0	0.0
100	QPSK	135	138	21.26	21.31	21.10	23.0	0.0
100	QPSK	270	0	21.24	21.37	21.23		
100	16QAM	1	1	21.27	21.50	21.36	23.0	0.0
100	64QAM	1	1	21.36	21.36	21.29	23.0	0.0
100	256QAM	1	1	21.62	21.55	21.53	23.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.43	21.55	21.55	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.48	21.55	21.62	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.47	21.55	21.55	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.58	21.58	21.59	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.49	21.64	21.52	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.46	21.62	21.47	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.58	21.65	21.60	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.54	21.61	21.49	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.41	21.53	21.55	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.80	18.84	18.70	20.5	0.0
20	PI/2 BPSK	1	53	18.75	18.87	18.78		
20	PI/2 BPSK	1	104	18.77	18.86	18.73		
20	PI/2 BPSK	50	0	18.76	18.88	18.79	20.5	0.0
20	PI/2 BPSK	50	28	18.66	18.92	18.80	20.5	0.0
20	PI/2 BPSK	50	56	18.78	18.83	18.74	20.5	0.0
20	PI/2 BPSK	100	0	18.81	18.92	18.74		
20	QPSK	1	1	18.73	18.93	18.68	20.5	0.0
20	QPSK	1	53	18.75	18.90	18.75		
20	QPSK	1	104	18.71	18.85	18.69		
20	QPSK	50	0	18.70	18.88	18.69	20.5	0.0
20	QPSK	50	28	18.75	18.90	18.70	20.5	0.0
20	QPSK	50	56	18.66	18.80	18.72	20.5	0.0
20	QPSK	100	0	18.70	18.89	18.75		
20	16QAM	1	1	18.73	18.80	18.75	20.5	0.0
20	64QAM	1	1	18.71	18.91	18.80	20.5	0.0
20	256QAM	1	1	18.65	18.77	18.66	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.75	18.86	18.70	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.73	18.88	18.62	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.72	18.84	18.68	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.28	18.50	18.27	20.0	0.0
50	PI/2 BPSK	1	135	18.31	18.46	18.26		
50	PI/2 BPSK	1	268	18.17	18.52	18.35		
50	PI/2 BPSK	135	0	18.28	18.51	18.32	20.0	0.0
50	PI/2 BPSK	135	68	18.27	18.49	18.39	20.0	0.0
50	PI/2 BPSK	135	135	18.19	18.50	18.27	20.0	0.0
50	PI/2 BPSK	270	0	18.27	18.50	18.28		
50	QPSK	1	1	18.21	18.56	18.32	20.0	0.0
50	QPSK	1	135	18.23	18.52	18.31		
50	QPSK	1	268	18.25	18.50	18.25		
50	QPSK	135	0	18.16	18.33	18.30	20.0	0.0
50	QPSK	135	68	18.31	18.48	18.40	20.0	0.0
50	QPSK	135	135	18.27	18.35	18.28	20.0	0.0
50	QPSK	270	0	18.25	18.36	18.32		
50	16QAM	1	1	18.31	18.41	18.37	20.0	0.0
50	64QAM	1	1	18.16	18.50	18.35	20.0	0.0
50	256QAM	1	1	18.27	18.45	18.34	20.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.16	18.49	18.32	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.12	18.53	18.33	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.15	18.55	18.30	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.16	18.54	18.23	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.17	18.55	18.32	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.13	18.48	18.26	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.23	18.54	18.26	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.97	19.01	18.86	20.5	0.0
40	PI/2 BPSK	1	108	19.03	18.97	18.83		
40	PI/2 BPSK	1	214	18.94	18.96	18.94		
40	PI/2 BPSK	108	0	19.02	19.07	18.82	20.5	0.0
40	PI/2 BPSK	108	54	18.97	18.98	18.93	20.5	0.0
40	PI/2 BPSK	108	108	19.03	19.06	18.89	20.5	0.0
40	PI/2 BPSK	216	0	18.91	19.04	18.92		
40	QPSK	1	1	19.00	19.08	18.83	20.5	0.0
40	QPSK	1	108	19.04	18.98	18.96		
40	QPSK	1	214	18.99	19.06	18.91		
40	QPSK	108	0	18.91	18.99	18.84	20.5	0.0
40	QPSK	108	54	19.04	19.05	18.96	20.5	0.0
40	QPSK	108	108	18.94	19.00	18.86	20.5	0.0
40	QPSK	216	0	18.98	19.01	18.86		
40	16QAM	1	1	18.99	18.98	18.91	20.5	0.0
40	64QAM	1	1	18.96	19.01	18.89	20.5	0.0
40	256QAM	1	1	18.67	18.85	18.66	20.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.02	18.87	18.73	20.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.96	18.86	18.79	20.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.98	18.88	18.73	20.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.00	18.86	18.80	20.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.99	18.95	18.74	20.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.96	18.94	18.71	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.45	19.63	19.48		
40	PI/2 BPSK	1	108	19.45	19.63	19.49	21.0	0.0
40	PI/2 BPSK	1	214	19.43	19.62	19.59		
40	PI/2 BPSK	108	0	19.47	19.70	19.45	21.0	0.0
40	PI/2 BPSK	108	54	19.50	19.61	19.46	21.0	0.0
40	PI/2 BPSK	108	108	19.42	19.58	19.47	21.0	0.0
40	PI/2 BPSK	216	0	19.45	19.66	19.44		
40	QPSK	1	1	19.43	19.71	19.49		
40	QPSK	1	108	19.47	19.64	19.51	21.0	0.0
40	QPSK	1	214	19.43	19.65	19.59		
40	QPSK	108	0	19.49	19.64	19.54	21.0	0.0
40	QPSK	108	54	19.44	19.70	19.55	21.0	0.0
40	QPSK	108	108	19.38	19.60	19.50	21.0	0.0
40	QPSK	216	0	19.48	19.64	19.56		
40	16QAM	1	1	19.45	19.66	19.45	21.0	0.0
40	64QAM	1	1	19.38	19.59	19.58	21.0	0.0
40	256QAM	1	1	19.41	19.57	19.46	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.40	19.64	19.47	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.45	19.68	19.42	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.42	19.70	19.45	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.38	19.68	19.44	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.40	19.66	19.49	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.45	19.70	19.41	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.47	18.59	18.32		
40	PI/2 BPSK	1	53	18.34	18.60	18.29	20.0	0.0
40	PI/2 BPSK	1	104	18.40	18.57	18.40		
40	PI/2 BPSK	50	0	18.34	18.52	18.33	20.0	0.0
40	PI/2 BPSK	50	28	18.41	18.60	18.38	20.0	0.0
40	PI/2 BPSK	50	56	18.35	18.59	18.31	20.0	0.0
40	PI/2 BPSK	100	0	18.40	18.48	18.32		
40	QPSK	1	1	18.39	18.61	18.42		
40	QPSK	1	53	18.39	18.53	18.31	20.0	0.0
40	QPSK	1	104	18.31	18.59	18.31		
40	QPSK	50	0	18.35	18.51	18.34	20.0	0.0
40	QPSK	50	28	18.40	18.59	18.40	20.0	0.0
40	QPSK	50	56	18.35	18.55	18.39	20.0	0.0
40	QPSK	100	0	18.44	18.57	18.45		
40	16QAM	1	1	18.44	18.53	18.29	20.0	0.0
40	64QAM	1	1	18.34	18.53	18.39	20.0	0.0
40	256QAM	1	1	18.39	18.53	18.39	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.40	18.59	18.42	20.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.41	18.58	18.37	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.33	18.54	18.34	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.33	18.57	18.38	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.40	18.55	18.43	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.21	18.42	18.35		
100	PI/2 BPSK	1	137	18.24	18.44	18.36	20.0	0.0
100	PI/2 BPSK	1	271	18.25	18.31	18.39		
100	PI/2 BPSK	135	0	18.34	18.37	18.32	20.0	0.0
100	PI/2 BPSK	135	69	18.23	18.38	18.35	20.0	0.0
100	PI/2 BPSK	135	138	18.28	18.39	18.40	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.37	18.43		
100	QPSK	1	1	18.32	18.46	18.31		
100	QPSK	1	137	18.20	18.40	18.33	20.0	0.0
100	QPSK	1	271	18.35	18.40	18.37		
100	QPSK	135	0	18.30	18.44	18.39	20.0	0.0
100	QPSK	135	69	18.32	18.45	18.35	20.0	0.0
100	QPSK	135	138	18.33	18.42	18.27	20.0	0.0
100	QPSK	270	0	18.29	18.42	18.40		
100	16QAM	1	1	18.35	18.38	18.38	20.0	0.0
100	64QAM	1	1	18.20	18.44	18.31	20.0	0.0
100	256QAM	1	1	18.24	18.36	18.42	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.30	18.25	18.26	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.20	18.34	18.29	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.33	18.20	18.22	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.30	18.32	18.18	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.19	18.25	18.21	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.30	18.31	18.24	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.31	18.33	18.18	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.30	18.31	18.29	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.22	18.29	18.20	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.30	21.35	21.19		
100	PI/2 BPSK	1	137	21.22	21.41	21.27	23.0	0.0
100	PI/2 BPSK	1	271	21.28	21.33	21.17		
100	PI/2 BPSK	135	0	21.29	21.31	21.29	23.0	0.0
100	PI/2 BPSK	135	69	21.23	21.41	21.22	23.0	0.0
100	PI/2 BPSK	135	138	21.17	21.40	21.23	23.0	0.0
100	PI/2 BPSK	270	0	21.25	21.34	21.27		
100	QPSK	1	1	21.19	21.46	21.26		
100	QPSK	1	137	21.23	21.36	21.20	23.0	0.0
100	QPSK	1	271	21.16	21.42	21.22		
100	QPSK	135	0	21.22	21.38	21.24	23.0	0.0
100	QPSK	135	69	21.29	21.45	21.19	23.0	0.0
100	QPSK	135	138	21.24	21.37	21.16	23.0	0.0
100	QPSK	270	0	21.26	21.41	21.21		
100	16QAM	1	1	21.22	21.36	21.25	23.0	0.0
100	64QAM	1	1	21.16	21.33	21.22	23.0	0.0
100	256QAM	1	1	20.62	20.88	20.70	22.5	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.15	21.39	21.17	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.06	21.38	21.13	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.14	21.42	21.14	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.08	21.42	21.21	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.13	21.33	21.13	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.15	21.36	21.13	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.10	21.33	21.26	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.05	21.34	21.13	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.16	21.26	21.23	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.80	16.97	16.74	17.5	0.0
40	PI/2 BPSK	1	53	16.83	16.97	16.62		
40	PI/2 BPSK	1	104	16.86	16.98	16.76		
40	PI/2 BPSK	50	0	16.79	16.95	16.65	17.5	0.0
40	PI/2 BPSK	50	28	16.74	16.96	16.66	17.5	0.0
40	PI/2 BPSK	50	56	16.73	16.88	16.60	17.5	0.0
40	PI/2 BPSK	100	0	16.81	16.89	16.61		
40	QPSK	1	1	16.80	16.99	16.64	17.5	0.0
40	QPSK	1	53	16.80	16.89	16.68		
40	QPSK	1	104	16.86	16.91	16.72		
40	QPSK	50	0	16.75	16.92	16.76	17.5	0.0
40	QPSK	50	28	16.83	16.95	16.66	17.5	0.0
40	QPSK	50	56	16.79	16.92	16.74	17.5	0.0
40	QPSK	100	0	16.78	16.86	16.64		
40	16QAM	1	1	16.83	16.95	16.65	17.5	0.0
40	64QAM	1	1	16.77	16.89	16.74	17.5	0.0
40	256QAM	1	1	16.80	16.93	16.71	17.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.76	16.98	16.59	17.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.83	16.96	16.56	17.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.74	16.94	16.61	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.41	15.56	15.35	16.5	0.0
100	PI/2 BPSK	1	137	15.50	15.52	15.35		
100	PI/2 BPSK	1	271	15.42	15.49	15.29		
100	PI/2 BPSK	135	0	15.46	15.47	15.29	16.5	0.0
100	PI/2 BPSK	135	69	15.52	15.50	15.35	16.5	0.0
100	PI/2 BPSK	135	138	15.42	15.49	15.35	16.5	0.0
100	PI/2 BPSK	270	0	15.40	15.49	15.42		
100	QPSK	1	1	15.52	15.58	15.34	16.5	0.0
100	QPSK	1	137	15.37	15.46	15.33		
100	QPSK	1	271	15.40	15.46	15.37		
100	QPSK	135	0	15.47	15.49	15.38	16.5	0.0
100	QPSK	135	69	15.41	15.56	15.29	16.5	0.0
100	QPSK	135	138	15.45	15.46	15.33	16.5	0.0
100	QPSK	270	0	15.37	15.52	15.32		
100	16QAM	1	1	15.41	15.51	15.29	16.5	0.0
100	64QAM	1	1	15.48	15.50	15.31	16.5	0.0
100	256QAM	1	1	15.51	15.49	15.31	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.52	15.52	15.34	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.40	15.49	15.31	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.43	15.51	15.33	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.45	15.48	15.41	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.49	15.47	15.39	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.40	15.51	15.30	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.43	15.54	15.43	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.50	15.47	15.34	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.47	15.47	15.36	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.49	15.53	15.33	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.48	15.45	15.41	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.44	18.71	18.55	19.5	0.0
100	PI/2 BPSK	1	137	18.55	18.78	18.46		
100	PI/2 BPSK	1	271	18.52	18.77	18.55		
100	PI/2 BPSK	135	0	18.49	18.69	18.54	19.5	0.0
100	PI/2 BPSK	135	69	18.50	18.73	18.45	19.5	0.0
100	PI/2 BPSK	135	138	18.48	18.78	18.55	19.5	0.0
100	PI/2 BPSK	270	0	18.44	18.75	18.53		
100	QPSK	1	1	18.52	18.79	18.43	19.5	0.0
100	QPSK	1	137	18.49	18.66	18.55		
100	QPSK	1	271	18.47	18.73	18.51		
100	QPSK	135	0	18.57	18.68	18.47	19.5	0.0
100	QPSK	135	69	18.45	18.75	18.43	19.5	0.0
100	QPSK	135	138	18.47	18.72	18.48	19.5	0.0
100	QPSK	270	0	18.53	18.76	18.45		
100	16QAM	1	1	18.53	18.67	18.54	19.5	0.0
100	64QAM	1	1	18.47	18.68	18.49	19.5	0.0
100	256QAM	1	1	18.51	18.70	18.55	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.47	18.67	18.45	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.49	18.76	18.48	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.53	18.77	18.44	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.51	18.69	18.47	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.58	18.65	18.54	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.47	18.67	18.52	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.54	18.66	18.47	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.54	18.69	18.56	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.55	18.67	18.45	19.5	0.0
Channel				647166	655996	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.4825	3839.9825	3972.4725		
15	QPSK	1	1	18.45	18.69	18.51	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.58	18.70	18.44	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.37		16.5	0.0
100	PI/2 BPSK	1	137		15.50			
100	PI/2 BPSK	1	271		15.50			
100	PI/2 BPSK	135	0		15.27		16.5	0.0
100	PI/2 BPSK	135	69		15.40		16.5	0.0
100	PI/2 BPSK	135	138		15.25		16.5	0.0
100	PI/2 BPSK	270	0		15.42			
100	QPSK	1	1		15.51		16.5	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.37			
100	QPSK	135	0		15.44		16.5	0.0
100	QPSK	135	69		15.48		16.5	0.0
100	QPSK	135	138		15.45		16.5	0.0
100	QPSK	270	0		15.44			
100	16QAM	1	1		15.41		16.5	0.0
100	64QAM	1	1		15.43		16.5	0.0
100	256QAM	1	1		15.37		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.34	15.49	15.29	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.34	15.48	15.41	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.33	15.43	15.35	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.18	15.39	15.29	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.31	15.46	15.37	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.27	15.44	15.36	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.24	15.43	15.37	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.19	15.38	15.33	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.29	15.38	15.34	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.27	15.41	15.34	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.28	15.46	15.36	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.72		19.5	0.0
100	PI/2 BPSK	1	137		18.79			
100	PI/2 BPSK	1	271		18.75			
100	PI/2 BPSK	135	0		18.72		19.0	0.5
100	PI/2 BPSK	135	69		18.70		19.5	0.0
100	PI/2 BPSK	135	138		18.83		19.0	0.5
100	PI/2 BPSK	270	0		18.79			
100	QPSK	1	1		18.85		19.5	0.0
100	QPSK	1	137		18.78			
100	QPSK	1	271		18.75			
100	QPSK	135	0		18.73		19.5	0.0
100	QPSK	135	69		18.83		19.5	0.0
100	QPSK	135	138		18.75		19.5	0.0
100	QPSK	270	0		18.79			
100	16QAM	1	1		18.83		19.5	0.0
100	64QAM	1	1		18.84		19.5	0.0
100	256QAM	1	1		18.71		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.46	18.69	18.59	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.45	18.61	18.55	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.59	18.62	18.53	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.53	18.63	18.61	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.43	18.62	18.54	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.44	18.65	18.57	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.49	18.69	18.56	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.63	18.71	18.65	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.44	18.67	18.56	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.47	18.63	18.56	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.54	18.64	18.58	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.69			
100	PI/2 BPSK	1	137		15.66		16.5	0.0
100	PI/2 BPSK	1	271		15.70			
100	PI/2 BPSK	135	0		15.68		16.5	0.0
100	PI/2 BPSK	135	69		15.65		16.5	0.0
100	PI/2 BPSK	135	138		15.71		16.5	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.74			
100	QPSK	1	137		15.68		16.5	0.0
100	QPSK	1	271		15.72			
100	QPSK	135	0		15.60		16.5	0.0
100	QPSK	135	69		15.72		16.5	0.0
100	QPSK	135	138		15.59		16.5	0.0
100	QPSK	270	0		15.68			
100	16QAM	1	1		15.70		16.5	0.0
100	64QAM	1	1		15.66		16.5	0.0
100	256QAM	1	1		15.69		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.60	15.68	15.72	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.63	15.68	15.58	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.67	15.60	15.60	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.63	15.62	15.58	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.61	15.61	15.57	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.58	15.63	15.57	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.58	15.71	15.60	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.59	15.63	15.58	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.70	15.68	15.73	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.66	15.63	15.63	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.68	15.58	15.63	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.48			
100	PI/2 BPSK	1	137		18.56		19.5	0.0
100	PI/2 BPSK	1	271		18.54			
100	PI/2 BPSK	135	0		18.50		19.5	0.0
100	PI/2 BPSK	135	69		18.53		19.5	0.0
100	PI/2 BPSK	135	138		18.54		19.5	0.0
100	PI/2 BPSK	270	0		18.52			
100	QPSK	1	1		18.62			
100	QPSK	1	137		18.50		19.5	0.0
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.50		19.5	0.0
100	QPSK	135	69		18.56		19.5	0.0
100	QPSK	135	138		18.51		19.5	0.0
100	QPSK	270	0		18.54			
100	16QAM	1	1		18.56		19.5	0.0
100	64QAM	1	1		18.58		19.5	0.0
100	256QAM	1	1		18.49		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.59	18.52	18.52	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.56	18.49	18.60	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.51	18.48	18.55	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.52	18.60	18.56	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.58	18.52	18.59	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.51	18.48	18.52	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.56	18.54	18.48	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.57	18.57	18.49	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.46	18.58	18.50	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.51	18.51	18.52	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.52	18.56	18.56	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.59		16.5	0.0
100	PI/2 BPSK	1	137		15.68			
100	PI/2 BPSK	1	271		15.54			
100	PI/2 BPSK	135	0		15.64		16.5	0.0
100	PI/2 BPSK	135	69		15.64		16.5	0.0
100	PI/2 BPSK	135	138		15.55		16.5	0.0
100	PI/2 BPSK	270	0		15.68			
100	QPSK	1	1		15.70		16.5	0.0
100	QPSK	1	137		15.66			
100	QPSK	1	271		15.61			
100	QPSK	135	0		15.62		16.5	0.0
100	QPSK	135	69		15.65		16.5	0.0
100	QPSK	135	138		15.57		16.5	0.0
100	QPSK	270	0		15.61			
100	16QAM	1	1		15.65		16.5	0.0
100	64QAM	1	1		15.69		16.5	0.0
100	256QAM	1	1		15.64		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.44	15.61	15.56	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.48	15.54	15.57	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.41	15.66	15.57	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.46	15.56	15.57	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.46	15.54	15.51	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.43	15.58	15.54	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.50	15.63	15.49	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.45	15.66	15.56	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.39	15.60	15.53	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.42	15.60	15.54	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.47	15.59	15.48	16.5	0.0

Part27Q n78 PC2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.71		19.5	0.0
100	PI/2 BPSK	1	137		18.73			
100	PI/2 BPSK	1	271		18.68			
100	PI/2 BPSK	135	0		18.64		19.5	0.0
100	PI/2 BPSK	135	69		18.68		19.5	0.0
100	PI/2 BPSK	135	138		18.72		19.5	0.0
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		18.77		19.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.70		19.5	0.0
100	QPSK	135	69		18.71		19.5	0.0
100	QPSK	135	138		18.60		19.5	0.0
100	QPSK	270	0		18.69			
100	16QAM	1	1		18.70		19.5	0.0
100	64QAM	1	1		18.67		19.5	0.0
100	256QAM	1	1		18.71		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.48	18.66	18.63	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.50	18.73	18.57	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.42	18.66	18.62	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.40	18.68	18.59	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.38	18.63	18.60	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.47	18.66	18.61	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.47	18.64	18.59	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.40	18.70	18.62	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.48	18.62	18.57	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.45	18.64	18.55	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.44	18.67	18.53	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.46	17.45	17.31	18.5	0.0
40	PI/2 BPSK	1	53	17.30	17.31	17.22		
40	PI/2 BPSK	1	104	17.35	17.38	17.22		
40	PI/2 BPSK	50	0	17.49	17.50	17.36	18.5	0.0
40	PI/2 BPSK	50	28	17.32	17.40	17.27	18.5	0.0
40	PI/2 BPSK	50	56	17.21	17.33	17.23	18.5	0.0
40	PI/2 BPSK	100	0	17.29	17.40	17.26		
40	QPSK	1	1	17.47	17.54	17.49	18.5	0.0
40	QPSK	1	53	17.33	17.49	17.44		
40	QPSK	1	104	17.42	17.48	17.39		
40	QPSK	50	0	17.14	17.26	17.23	18.5	0.0
40	QPSK	50	28	17.34	17.44	17.35	18.5	0.0
40	QPSK	50	56	17.13	17.16	17.04	18.5	0.0
40	QPSK	100	0	17.16	17.26	17.10		
40	16QAM	1	1	17.27	17.34	17.18	18.5	0.0
40	64QAM	1	1	17.15	17.33	17.08	18.5	0.0
40	256QAM	1	1	16.75	16.93	16.68	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.43	17.45	17.35	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.31	17.42	17.37	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.38	17.45	17.44	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.51	17.50	17.43	19.0	0.0
100	PI/2 BPSK	1	137	17.30	17.40	17.26		
100	PI/2 BPSK	1	271	17.33	17.40	17.24		
100	PI/2 BPSK	135	0	17.51	17.53	17.29	19.0	0.0
100	PI/2 BPSK	135	69	17.25	17.41	17.25	19.0	0.0
100	PI/2 BPSK	135	138	17.29	17.42	17.23	19.0	0.0
100	PI/2 BPSK	270	0	17.31	17.36	17.34		
100	QPSK	1	1	17.56	17.59	17.57	19.0	0.0
100	QPSK	1	137	17.31	17.51	17.48		
100	QPSK	1	271	17.34	17.48	17.40		
100	QPSK	135	0	17.11	17.27	17.20	19.0	0.0
100	QPSK	135	69	17.36	17.50	17.44	19.0	0.0
100	QPSK	135	138	17.20	17.18	17.03	19.0	0.0
100	QPSK	270	0	17.10	17.32	17.11		
100	16QAM	1	1	17.20	17.29	17.22	19.0	0.0
100	64QAM	1	1	17.23	17.24	17.16	19.0	0.0
100	256QAM	1	1	17.24	17.37	17.15	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.46	17.53	17.44	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.48	17.44	17.48	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.46	17.51	17.46	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.47	17.44	17.42	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.42	17.48	17.51	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.43	17.44	17.47	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.50	17.54	17.51	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.52	17.52	17.43	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.46	17.47	17.50	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.40	17.52	17.50	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.50	17.54	17.51	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.42	20.42	20.27	22.0	0.0
100	PI/2 BPSK	1	137	20.31	20.33	20.28		
100	PI/2 BPSK	1	271	20.26	20.28	20.21		
100	PI/2 BPSK	135	0	20.45	20.42	20.24	22.0	0.0
100	PI/2 BPSK	135	69	20.21	20.38	20.32	22.0	0.0
100	PI/2 BPSK	135	138	20.15	20.36	20.20	22.0	0.0
100	PI/2 BPSK	270	0	20.30	20.33	20.27		
100	QPSK	1	1	20.47	20.50	20.45	22.0	0.0
100	QPSK	1	137	20.27	20.43	20.36		
100	QPSK	1	271	20.37	20.41	20.30		
100	QPSK	135	0	20.05	20.20	20.16	22.0	0.0
100	QPSK	135	69	20.31	20.40	20.28	22.0	0.0
100	QPSK	135	138	20.14	20.13	20.12	22.0	0.0
100	QPSK	270	0	20.12	20.17	20.03		
100	16QAM	1	1	20.12	20.29	20.17	22.0	0.0
100	64QAM	1	1	20.11	20.29	20.09	22.0	0.0
100	256QAM	1	1	20.20	20.32	20.20	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.37	20.43	20.36	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.34	20.45	20.29	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.32	20.44	20.35	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.31	20.39	20.33	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.42	20.38	20.41	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.40	20.37	20.30	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.38	20.35	20.34	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.34	20.38	20.34	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.34	20.37	20.39	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.38	20.38	20.32	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.32	20.35	20.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80			
100	PI/2 BPSK	1	137		17.67		19.0	0.0
100	PI/2 BPSK	1	271		17.60			
100	PI/2 BPSK	135	0		17.83		19.0	0.0
100	PI/2 BPSK	135	69		17.69		19.0	0.0
100	PI/2 BPSK	135	138		17.67		19.0	0.0
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		17.86			
100	QPSK	1	137		17.79		19.0	0.0
100	QPSK	1	271		17.81			
100	QPSK	135	0		17.48		19.0	0.0
100	QPSK	135	69		17.78		19.0	0.0
100	QPSK	135	138		17.48		19.0	0.0
100	QPSK	270	0		17.77			
100	16QAM	1	1		17.61		19.0	0.0
100	64QAM	1	1		17.53		19.0	0.0
100	256QAM	1	1		17.57		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.49	17.76	17.70	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.52	17.81	17.63	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.46	17.70	17.67	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.55	17.72	17.60	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.49	17.72	17.65	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.47	17.75	17.65	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.49	17.79	17.68	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.45	17.78	17.61	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.54	17.81	17.60	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.46	17.70	17.65	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.54	17.73	17.62	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.59			
100	PI/2 BPSK	1	137		20.57		22.0	0.0
100	PI/2 BPSK	1	271		20.49			
100	PI/2 BPSK	135	0		20.65		22.0	0.0
100	PI/2 BPSK	135	69		20.54		22.0	0.0
100	PI/2 BPSK	135	138		20.59		22.0	0.0
100	PI/2 BPSK	270	0		20.46			
100	QPSK	1	1		20.70			
100	QPSK	1	137		20.66		22.0	0.0
100	QPSK	1	271		20.62			
100	QPSK	135	0		20.35		22.0	0.0
100	QPSK	135	69		20.63		22.0	0.0
100	QPSK	135	138		20.31		22.0	0.0
100	QPSK	270	0		20.47			
100	16QAM	1	1		20.54		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		20.45		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.46	20.55	20.52	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.36	20.63	20.47	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.44	20.65	20.54	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.41	20.56	20.53	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.37	20.66	20.44	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.40	20.60	20.50	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.40	20.60	20.51	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.38	20.62	20.52	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.38	20.63	20.53	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.36	20.61	20.50	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.42	20.54	20.52	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.40			
100	PI/2 BPSK	1	137		17.36		19.0	0.0
100	PI/2 BPSK	1	271		17.31			
100	PI/2 BPSK	135	0		17.49		19.0	0.0
100	PI/2 BPSK	135	69		17.32		19.0	0.0
100	PI/2 BPSK	135	138		17.30		19.0	0.0
100	PI/2 BPSK	270	0		17.30			
100	QPSK	1	1		17.58			
100	QPSK	1	137		17.42		19.0	0.0
100	QPSK	1	271		17.43			
100	QPSK	135	0		17.17		19.0	0.0
100	QPSK	135	69		17.43		19.0	0.0
100	QPSK	135	138		17.07		19.0	0.0
100	QPSK	270	0		17.20			
100	16QAM	1	1		17.24		19.0	0.0
100	64QAM	1	1		17.20		19.0	0.0
100	256QAM	1	1		17.32		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.27	17.28	17.30	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.22	17.28	17.26	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.22	17.24	17.30	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.33	17.31	17.26	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.32	17.25	17.27	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.30	17.24	17.27	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.28	17.28	17.31	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.33	17.27	17.33	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.22	17.23	17.28	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.28	17.30	17.23	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.22	17.30	17.26	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45			
100	PI/2 BPSK	1	137		20.25		22.0	0.0
100	PI/2 BPSK	1	271		20.28			
100	PI/2 BPSK	135	0		20.45		22.0	0.0
100	PI/2 BPSK	135	69		20.30		22.0	0.0
100	PI/2 BPSK	135	138		20.29		22.0	0.0
100	PI/2 BPSK	270	0		20.23			
100	QPSK	1	1		20.54			
100	QPSK	1	137		20.45		22.0	0.0
100	QPSK	1	271		20.40			
100	QPSK	135	0		20.11		22.0	0.0
100	QPSK	135	69		20.47		22.0	0.0
100	QPSK	135	138		20.05		22.0	0.0
100	QPSK	270	0		20.38			
100	16QAM	1	1		20.31		22.0	0.0
100	64QAM	1	1		20.16		22.0	0.0
100	256QAM	1	1		20.23		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.06	20.01	20.38	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.05	20.19	20.03	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.05	20.03	20.19	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.01	20.03	20.07	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.02	20.00	20.08	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.02	20.00	20.08	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.08	20.09	20.04	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.04	20.07	20.10	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.05	20.10	20.06	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.05	20.04	19.99	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.04	19.98	20.02	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.62		19.0	0.0
100	PI/2 BPSK	1	137		17.56			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.64		19.0	0.0
100	PI/2 BPSK	135	69		17.50		19.0	0.0
100	PI/2 BPSK	135	138		17.54		19.0	0.0
100	PI/2 BPSK	270	0		17.52			
100	QPSK	1	1		17.72		19.0	0.0
100	QPSK	1	137		17.71			
100	QPSK	1	271		17.67			
100	QPSK	135	0		17.43		19.0	0.0
100	QPSK	135	69		17.67		19.0	0.0
100	QPSK	135	138		17.34		19.0	0.0
100	QPSK	270	0		17.44			
100	16QAM	1	1		17.47		19.0	0.0
100	64QAM	1	1		17.41		19.0	0.0
100	256QAM	1	1		17.43		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.39	17.62	17.45	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.46	17.63	17.47	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.43	17.66	17.48	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.36	17.67	17.56	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.44	17.58	17.47	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.42	17.65	17.47	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.46	17.66	17.53	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.34	17.62	17.53	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.37	17.67	17.48	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.44	17.68	17.55	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.44	17.58	17.51	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.54		22.0	0.0
100	PI/2 BPSK	1	137		20.42			
100	PI/2 BPSK	1	271		20.41			
100	PI/2 BPSK	135	0		20.60		22.0	0.0
100	PI/2 BPSK	135	69		20.46		22.0	0.0
100	PI/2 BPSK	135	138		20.47		22.0	0.0
100	PI/2 BPSK	270	0		20.35			
100	QPSK	1	1		20.62		22.0	0.0
100	QPSK	1	137		20.56			
100	QPSK	1	271		20.60			
100	QPSK	135	0		20.29		22.0	0.0
100	QPSK	135	69		20.54		22.0	0.0
100	QPSK	135	138		20.25		22.0	0.0
100	QPSK	270	0		20.45			
100	16QAM	1	1		20.34		22.0	0.0
100	64QAM	1	1		20.30		22.0	0.0
100	256QAM	1	1		20.40		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.33	20.47	20.43	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.34	20.57	20.45	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.38	20.53	20.46	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.38	20.56	20.43	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.40	20.48	20.39	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.34	20.48	20.40	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.39	20.57	20.40	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.41	20.46	20.48	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.32	20.47	20.48	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.38	20.52	20.39	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.37	20.48	20.42	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.74	17.66	17.53	18.5	0.0
40	PI/2 BPSK	1	53	17.51	17.62	17.50		
40	PI/2 BPSK	1	104	17.48	17.53	17.34		
40	PI/2 BPSK	50	0	17.62	17.75	17.49	18.5	0.0
40	PI/2 BPSK	50	28	17.46	17.57	17.57	18.5	0.0
40	PI/2 BPSK	50	56	17.48	17.64	17.52	18.5	0.0
40	PI/2 BPSK	100	0	17.51	17.56	17.50		
40	QPSK	1	1	17.76	17.80	17.68	18.5	0.0
40	QPSK	1	53	17.63	17.66	17.65		
40	QPSK	1	104	17.62	17.66	17.64		
40	QPSK	50	0	17.36	17.45	17.44	18.5	0.0
40	QPSK	50	28	17.59	17.68	17.58	18.5	0.0
40	QPSK	50	56	17.29	17.40	17.26	18.5	0.0
40	QPSK	100	0	17.34	17.51	17.37		
40	16QAM	1	1	17.40	17.55	17.36	18.5	0.0
40	64QAM	1	1	17.41	17.49	17.37	18.5	0.0
40	256QAM	1	1	17.45	17.47	17.43	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.60	17.71	17.62	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.68	17.77	17.64	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.71	17.62	17.48	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.72	17.77	17.71	19.0	0.0
100	PI/2 BPSK	1	137	17.67	17.63	17.55		
100	PI/2 BPSK	1	271	17.55	17.64	17.51		
100	PI/2 BPSK	135	0	17.73	17.78	17.66	19.0	0.0
100	PI/2 BPSK	135	69	17.54	17.63	17.60	19.0	0.0
100	PI/2 BPSK	135	138	17.56	17.71	17.54	19.0	0.0
100	PI/2 BPSK	270	0	17.65	17.63	17.56		
100	QPSK	1	1	17.77	17.91	17.83	19.0	0.0
100	QPSK	1	137	17.69	17.84	17.73		
100	QPSK	1	271	17.64	17.76	17.71		
100	QPSK	135	0	17.73	17.79	17.65	19.0	0.0
100	QPSK	135	69	17.74	17.80	17.70	19.0	0.0
100	QPSK	135	138	17.89	17.77	17.72	19.0	0.0
100	QPSK	270	0	17.62	17.71	17.69		
100	16QAM	1	1	17.68	17.66	17.56	19.0	0.0
100	64QAM	1	1	17.54	17.54	17.59	19.0	0.0
100	256QAM	1	1	17.60	17.63	17.67	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.59	17.71	17.63	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.71	17.77	17.74	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.60	17.70	17.66	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.64	17.81	17.74	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.72	17.88	17.79	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.62	17.83	17.80	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.71	17.70	17.76	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.70	17.83	17.65	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.66	17.86	17.67	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.66	17.77	17.71	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.66	17.72	17.67	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.54	20.62	20.39	22.0	0.0
100	PI/2 BPSK	1	137	20.41	20.47	20.39		
100	PI/2 BPSK	1	271	20.36	20.42	20.31		
100	PI/2 BPSK	135	0	20.46	20.53	20.36	22.0	0.0
100	PI/2 BPSK	135	69	20.36	20.41	20.36	22.0	0.0
100	PI/2 BPSK	135	138	20.29	20.45	20.32	22.0	0.0
100	PI/2 BPSK	270	0	20.31	20.45	20.37		
100	QPSK	1	1	20.52	20.66	20.65	22.0	0.0
100	QPSK	1	137	20.40	20.61	20.52		
100	QPSK	1	271	20.40	20.53	20.42		
100	QPSK	135	0	20.25	20.28	20.20	22.0	0.0
100	QPSK	135	69	20.48	20.50	20.45	22.0	0.0
100	QPSK	135	138	20.17	20.19	20.03	22.0	0.0
100	QPSK	270	0	20.21	20.48	20.20		
100	16QAM	1	1	20.27	20.35	20.27	22.0	0.0
100	64QAM	1	1	20.25	20.36	20.17	22.0	0.0
100	256QAM	1	1	20.00	20.03	19.89	21.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.42	20.63	20.52	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.33	20.53	20.47	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.38	20.61	20.58	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.32	20.61	20.61	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.35	20.48	20.52	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.44	20.55	20.58	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.40	20.58	20.62	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.45	20.62	20.47	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.42	20.49	20.46	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.32	20.53	20.45	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.32	20.54	20.50	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.85			
100	PI/2 BPSK	1	137		17.75		19.0	0.0
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.90		19.0	0.0
100	PI/2 BPSK	135	69		17.77		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.92			
100	QPSK	1	137		17.86		19.0	0.0
100	QPSK	1	271		17.87			
100	QPSK	135	0		17.87		19.0	0.0
100	QPSK	135	69		17.89		19.0	0.0
100	QPSK	135	138		17.84		19.0	0.0
100	QPSK	270	0		17.85			
100	16QAM	1	1		17.75		19.0	0.0
100	64QAM	1	1		17.81		19.0	0.0
100	256QAM	1	1		17.90		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.84	17.88	17.81	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.81	17.83	17.79	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.79	17.86	17.75	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.83	17.87	17.79	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.83	17.83	17.80	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.83	17.85	17.77	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.79	17.85	17.78	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.78	17.84	17.79	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.80	17.85	17.79	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.81	17.87	17.76	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.82	17.85	17.77	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.36			
100	PI/2 BPSK	1	137		20.18		22.0	0.0
100	PI/2 BPSK	1	271		20.14			
100	PI/2 BPSK	135	0		20.41		22.0	0.0
100	PI/2 BPSK	135	69		20.18		22.0	0.0
100	PI/2 BPSK	135	138		20.20		22.0	0.0
100	PI/2 BPSK	270	0		20.20			
100	QPSK	1	1		20.43			
100	QPSK	1	137		20.37		22.0	0.0
100	QPSK	1	271		20.34			
100	QPSK	135	0		20.01		22.0	0.0
100	QPSK	135	69		20.31		22.0	0.0
100	QPSK	135	138		20.01		22.0	0.0
100	QPSK	270	0		20.08			
100	16QAM	1	1		20.17		22.0	0.0
100	64QAM	1	1		20.12		22.0	0.0
100	256QAM	1	1		19.60		21.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.32	20.38	20.30	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.27	20.33	20.30	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.31	20.36	20.29	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.28	20.32	20.25	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.31	20.33	20.29	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.30	20.38	20.29	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.27	20.35	20.28	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.30	20.35	20.27	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.36	20.25	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.26	20.37	20.30	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.29	20.33	20.26	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84			
100	PI/2 BPSK	1	137		16.77		18.5	0.0
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.84		18.5	0.0
100	PI/2 BPSK	135	69		16.70		18.5	0.0
100	PI/2 BPSK	135	138		16.77		18.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.97			
100	QPSK	1	137		16.88		18.5	0.0
100	QPSK	1	271		16.84			
100	QPSK	135	0		16.57		18.5	0.0
100	QPSK	135	69		16.93		18.5	0.0
100	QPSK	135	138		16.54		18.5	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.68		18.5	0.0
100	64QAM	1	1		16.68		18.5	0.0
100	256QAM	1	1		16.67		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.93	16.75	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.68	16.90	16.80	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.70	16.85	16.82	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.70	16.83	16.74	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.70	16.85	16.75	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.72	16.89	16.79	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.91	16.76	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.69	16.93	16.83	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.71	16.92	16.76	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.72	16.84	16.78	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.72	16.82	16.80	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.91			
100	PI/2 BPSK	1	137		19.77		21.5	0.0
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.92		21.5	0.0
100	PI/2 BPSK	135	69		19.81		21.5	0.0
100	PI/2 BPSK	135	138		19.86		21.5	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.95			
100	QPSK	1	137		19.93		21.5	0.0
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.62		21.5	0.0
100	QPSK	135	69		19.92		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.70		21.5	0.0
100	256QAM	1	1		19.80		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.63	19.85	19.73	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.84	19.76	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.66	19.82	19.78	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.85	19.81	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.67	19.82	19.80	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.68	19.90	19.82	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.87	19.82	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.70	19.84	19.73	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.71	19.85	19.78	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.63	19.84	19.75	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.61	19.82	19.79	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.67			
100	PI/2 BPSK	1	137		16.52		18.5	0.0
100	PI/2 BPSK	1	271		16.54			
100	PI/2 BPSK	135	0		16.67		18.5	0.0
100	PI/2 BPSK	135	69		16.52		18.5	0.0
100	PI/2 BPSK	135	138		16.60		18.5	0.0
100	PI/2 BPSK	270	0		16.61			
100	QPSK	1	1		16.81			
100	QPSK	1	137		16.73		18.5	0.0
100	QPSK	1	271		16.74			
100	QPSK	135	0		16.64		18.5	0.0
100	QPSK	135	69		16.71		18.5	0.0
100	QPSK	135	138		16.66		18.5	0.0
100	QPSK	270	0		16.65			
100	16QAM	1	1		16.60		18.5	0.0
100	64QAM	1	1		16.52		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.60	16.73	16.71	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.59	16.77	16.66	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.52	16.69	16.61	18.5	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.58	16.77	16.59	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.52	16.72	16.61	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.61	16.74	16.59	18.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.70	16.60	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.54	16.71	16.61	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.56	16.74	16.61	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.58	16.71	16.60	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.51	16.76	16.70	18.5	0.0

Part27Q n78 PC2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.86			
100	PI/2 BPSK	1	137		19.73		21.5	0.0
100	PI/2 BPSK	1	271		19.78			
100	PI/2 BPSK	135	0		19.97		21.5	0.0
100	PI/2 BPSK	135	69		19.73		21.5	0.0
100	PI/2 BPSK	135	138		19.83		21.5	0.0
100	PI/2 BPSK	270	0		19.77			
100	QPSK	1	1		20.00			
100	QPSK	1	137		19.91		21.5	0.0
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.68		21.5	0.0
100	QPSK	135	69		19.96		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.73		21.5	0.0
100	256QAM	1	1		19.68		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.68	19.96	19.79	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.71	19.92	19.77	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.72	19.88	19.77	21.5	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.64	19.95	19.81	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.67	19.88	19.80	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.71	19.95	19.72	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.64	19.96	19.71	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.70	19.85	19.74	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.68	19.86	19.82	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.61	19.85	19.78	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.72	19.86	19.77	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	12.42	12.45	12.34	13.5	0.0
40	PI/2 BPSK	1	53	12.29	12.32	12.22		
40	PI/2 BPSK	1	104	12.30	12.36	12.18		
40	PI/2 BPSK	50	0	12.41	12.44	12.24	13.5	0.0
40	PI/2 BPSK	50	28	12.21	12.35	12.29	13.5	0.0
40	PI/2 BPSK	50	56	12.16	12.39	12.20		
40	PI/2 BPSK	100	0	12.23	12.31	12.29	13.5	0.0
40	QPSK	1	1	12.50	12.54	12.50		
40	QPSK	1	53	12.37	12.51	12.41	13.5	0.0
40	QPSK	1	104	12.30	12.51	12.41		
40	QPSK	50	0	12.09	12.16	12.18	13.5	0.0
40	QPSK	50	28	12.38	12.49	12.34	13.5	0.0
40	QPSK	50	56	12.13	12.13	11.99	13.5	0.0
40	QPSK	100	0	12.06	12.47	12.14		
40	16QAM	1	1	12.23	12.30	12.24	13.5	0.0
40	64QAM	1	1	12.14	12.20	12.08	13.5	0.0
40	256QAM	1	1	12.21	12.31	12.17	13.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	12.47	12.34	12.35	13.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	12.33	12.34	12.40	13.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	12.42	12.50	12.34	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.26	11.32	11.15	13.0	0.0
100	PI/2 BPSK	1	137	11.15	11.22	11.05		
100	PI/2 BPSK	1	271	11.10	11.14	11.04		
100	PI/2 BPSK	135	0	11.31	11.38	11.09	13.0	0.0
100	PI/2 BPSK	135	69	11.15	11.23	11.10	13.0	0.0
100	PI/2 BPSK	135	138	11.08	11.17	11.04	13.0	0.0
100	PI/2 BPSK	270	0	11.14	11.16	11.20		
100	QPSK	1	1	11.28	11.42	11.34	13.0	0.0
100	QPSK	1	137	11.14	11.33	11.29		
100	QPSK	1	271	11.15	11.32	11.22		
100	QPSK	135	0	11.34	11.30	11.26	13.0	0.0
100	QPSK	135	69	11.21	11.38	11.34	13.0	0.0
100	QPSK	135	138	11.22	11.01	11.14	13.0	0.0
100	QPSK	270	0	11.22	11.34	11.21		
100	16QAM	1	1	11.06	11.18	11.08	13.0	0.0
100	64QAM	1	1	11.08	11.09	11.01	13.0	0.0
100	256QAM	1	1	11.07	11.13	11.20	13.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.19	11.33	11.29	13.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.24	11.31	11.27	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.25	11.34	11.15	13.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.24	11.33	11.17	13.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.07	11.39	11.31	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.15	11.33	11.28	13.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.19	11.39	11.15	13.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.16	11.28	11.20	13.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.06	11.35	11.22	13.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.07	11.21	11.28	13.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.26	11.30	11.29	13.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.35	14.32	14.23	16.0	0.0
100	PI/2 BPSK	1	137	14.22	14.20	14.17		
100	PI/2 BPSK	1	271	14.10	14.17	14.04		
100	PI/2 BPSK	135	0	14.35	14.39	14.17	16.0	0.0
100	PI/2 BPSK	135	69	14.09	14.19	14.19	16.0	0.0
100	PI/2 BPSK	135	138	14.13	14.22	14.17	16.0	0.0
100	PI/2 BPSK	270	0	14.14	14.26	14.15		
100	QPSK	1	1	14.41	14.43	14.36	16.0	0.0
100	QPSK	1	137	14.18	14.38	14.35		
100	QPSK	1	271	14.28	14.39	14.24		
100	QPSK	135	0	14.06	14.04	14.04	16.0	0.0
100	QPSK	135	69	14.31	14.37	14.28	16.0	0.0
100	QPSK	135	138	14.01	14.01	14.25	16.0	0.0
100	QPSK	270	0	14.26	14.30	14.24		
100	16QAM	1	1	14.03	14.23	14.11	16.0	0.0
100	64QAM	1	1	14.07	14.20	14.26	16.0	0.0
100	256QAM	1	1	14.10	14.23	14.08	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.23	14.25	14.30	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.37	14.33	14.19	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.22	14.26	14.23	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.38	14.31	14.16	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.29	14.29	14.31	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.31	14.23	14.29	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.21	14.25	14.21	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.23	14.28	14.20	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.26	14.25	14.18	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.23	14.25	14.17	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.22	14.41	14.28	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.66		13.0	0.0
100	PI/2 BPSK	1	137		11.56			
100	PI/2 BPSK	1	271		11.51			
100	PI/2 BPSK	135	0		11.74		13.0	0.0
100	PI/2 BPSK	135	69		11.55		13.0	0.0
100	PI/2 BPSK	135	138		11.56		13.0	0.0
100	PI/2 BPSK	270	0		11.50			
100	QPSK	1	1		11.75		13.0	0.0
100	QPSK	1	137		11.63			
100	QPSK	1	271		11.74			
100	QPSK	135	0		11.46		13.0	0.0
100	QPSK	135	69		11.65		13.0	0.0
100	QPSK	135	138		11.35		13.0	0.0
100	QPSK	270	0		11.51			
100	16QAM	1	1		11.49		13.0	0.0
100	64QAM	1	1		11.49		13.0	0.0
100	256QAM	1	1		11.56		13.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.53	11.66	11.56	13.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	11.57	11.54	11.70	13.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.71	11.72	11.56	13.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.61	11.54	11.68	13.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.72	11.54	11.67	13.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.69	11.55	11.61	13.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.63	11.69	11.62	13.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	11.63	11.57	11.55	13.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.65	11.65	11.63	13.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	11.70	11.61	11.67	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.59	11.63	11.71	13.0	0.0

Part27Q n77 PC2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.56		16.0	0.0
100	PI/2 BPSK	1	137		14.38			
100	PI/2 BPSK	1	271		14.41			
100	PI/2 BPSK	135	0		14.59		16.0	0.0
100	PI/2 BPSK	135	69		14.46		16.0	0.0
100	PI/2 BPSK	135	138		14.44		16.0	0.0
100	PI/2 BPSK	270	0		14.42			
100	QPSK	1	1		14.62		16.0	0.0
100	QPSK	1	137		14.57			
100	QPSK	1	271		14.61			
100	QPSK	135	0		14.25		16.0	0.0
100	QPSK	135	69		14.51		16.0	0.0
100	QPSK	135	138		14.20		16.0	0.0
100	QPSK	270	0		14.48			
100	16QAM	1	1		14.37		16.0	0.0
100	64QAM	1	1		14.39		16.0	0.0
100	256QAM	1	1		14.36		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.41	14.60	14.48	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.51	14.47	14.47	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.43	14.51	14.59	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.46	14.45	14.48	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.50	14.40	14.47	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.47	14.47	14.50	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.56	14.45	14.55	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.58	14.50	14.50	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.42	14.51	14.47	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.44	14.56	14.55	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.55	14.52	14.40	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		10.77		12.5	0.0
100	PI/2 BPSK	1	137		10.54			
100	PI/2 BPSK	1	271		10.53			
100	PI/2 BPSK	135	0		10.75		12.5	0.0
100	PI/2 BPSK	135	69		10.63		12.5	0.0
100	PI/2 BPSK	135	138		10.63		12.5	0.0
100	PI/2 BPSK	270	0		10.63			
100	QPSK	1	1		10.79		12.5	0.0
100	QPSK	1	137		10.67			
100	QPSK	1	271		10.68			
100	QPSK	135	0		10.68		12.5	0.0
100	QPSK	135	69		10.71		12.5	0.0
100	QPSK	135	138		10.63		12.5	0.0
100	QPSK	270	0		10.60			
100	16QAM	1	1		10.61		12.5	0.0
100	64QAM	1	1		10.54		12.5	0.0
100	256QAM	1	1		10.59		12.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	10.68	10.58	10.67	12.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	10.63	10.60	10.58	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	10.58	10.61	10.60	12.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	10.60	10.64	10.64	12.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	10.59	10.62	10.63	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	10.65	10.61	10.61	12.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	10.63	10.69	10.70	12.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	10.67	10.72	10.58	12.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	10.76	10.72	10.71	12.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	10.75	10.71	10.64	12.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	10.64	10.69	10.67	12.5	0.0

Part27O n78 PC2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.79			
100	PI/2 BPSK	1	137		13.70		15.5	0.0
100	PI/2 BPSK	1	271		13.74			
100	PI/2 BPSK	135	0		13.80		15.5	0.0
100	PI/2 BPSK	135	69		13.66		15.5	0.0
100	PI/2 BPSK	135	138		13.67		15.5	0.0
100	PI/2 BPSK	270	0		13.62			
100	QPSK	1	1		13.82			
100	QPSK	1	137		13.76		15.5	0.0
100	QPSK	1	271		13.70			
100	QPSK	135	0		13.75		15.5	0.0
100	QPSK	135	69		13.79		15.5	0.0
100	QPSK	135	138		13.71		15.5	0.0
100	QPSK	270	0		13.74			
100	16QAM	1	1		13.67		15.5	0.0
100	64QAM	1	1		13.73		15.5	0.0
100	256QAM	1	1		13.74		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.64	13.80	13.71	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.69	13.61	13.61	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.67	13.76	13.65	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.78	13.77	13.70	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.71	13.71	13.76	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.72	13.66	13.72	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.76	13.62	13.67	15.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.76	13.71	13.63	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.71	13.69	13.64	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.66	13.67	13.62	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.66	13.71	13.75	15.5	0.0

Part27Q n78 PC3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		10.71			
100	PI/2 BPSK	1	137		10.80		12.5	0.0
100	PI/2 BPSK	1	271		10.79			
100	PI/2 BPSK	135	0		10.76		12.5	0.0
100	PI/2 BPSK	135	69		10.81		12.5	0.0
100	PI/2 BPSK	135	138		10.72		12.5	0.0
100	PI/2 BPSK	270	0		10.82			
100	QPSK	1	1		10.87			
100	QPSK	1	137		10.73		12.5	0.0
100	QPSK	1	271		10.81			
100	QPSK	135	0		10.74		12.5	0.0
100	QPSK	135	69		10.83		12.5	0.0
100	QPSK	135	138		10.78		12.5	0.0
100	QPSK	270	0		10.79			
100	16QAM	1	1		10.81		12.5	0.0
100	64QAM	1	1		10.72		12.5	0.0
100	256QAM	1	1		10.75		12.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	10.69	10.68	10.67	12.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	10.78	10.77	10.73	12.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	10.70	10.67	10.71	12.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	10.82	10.69	10.81	12.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	10.69	10.79	10.83	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	10.81	10.71	10.66	12.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	10.68	10.69	10.67	12.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	10.77	10.78	10.77	12.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	10.75	10.67	10.71	12.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	10.78	10.82	10.82	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	10.78	10.84	10.65	12.5	0.0

Part27Q n78 PC2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.84			
100	PI/2 BPSK	1	137		13.72		15.5	0.0
100	PI/2 BPSK	1	271		13.78			
100	PI/2 BPSK	135	0		13.79		15.5	0.0
100	PI/2 BPSK	135	69		13.84		15.5	0.0
100	PI/2 BPSK	135	138		13.74		15.5	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.86			
100	QPSK	1	137		13.77		15.5	0.0
100	QPSK	1	271		13.74			
100	QPSK	135	0		13.73		15.5	0.0
100	QPSK	135	69		13.84		15.5	0.0
100	QPSK	135	138		13.76		15.5	0.0
100	QPSK	270	0		13.81			
100	16QAM	1	1		13.83		15.5	0.0
100	64QAM	1	1		13.78		15.5	0.0
100	256QAM	1	1		13.74		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.57	13.63	13.64	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.54	13.51	13.62	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.53	13.62	13.55	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.68	13.76	13.76	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.68	13.81	13.73	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.83	13.77	13.83	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.80	13.69	13.84	15.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	13.71	13.81	13.77	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.68	13.82	13.79	15.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.68	13.70	13.82	15.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.65	13.74	13.71	15.5	0.0

Reduced Power Mode for Main PA ECI 4

n5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.84	24.03	23.92	25.7	0.0
20	PI/2 BPSK	1	53	24.00	24.18	24.01		
20	PI/2 BPSK	1	104	24.02	24.18	24.00		
20	PI/2 BPSK	50	0	23.37	23.59	23.46	25.2	0.5
20	PI/2 BPSK	50	28	23.99	24.04	23.97	25.7	0.0
20	PI/2 BPSK	50	56	23.51	23.59	23.48	25.2	0.5
20	PI/2 BPSK	100	0	23.48	23.62	23.43		
20	QPSK	1	1	25.17	25.24	25.12	25.7	0.0
20	QPSK	1	53	25.05	25.18	25.08		
20	QPSK	1	104	25.02	25.11	24.99		
20	QPSK	50	0	23.92	24.07	23.85	24.7	1.0
20	QPSK	50	28	24.91	24.98	24.80	25.7	0.0
20	QPSK	50	56	23.89	24.03	23.98	24.7	1.0
20	QPSK	100	0	23.91	24.02	24.00		
20	16QAM	1	1	24.11	24.26	24.04	24.7	1.0
20	64QAM	1	1	22.47	22.49	22.45	23.2	2.5
20	256QAM	1	1	20.36	20.56	20.39	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.02	25.18	25.14	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.03	25.15	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.05	25.12	25.08	25.7	0.0

n12 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	706.5		
15	PI/2 BPSK	1	1	24.61	24.71	24.68	25.5	0.0
15	PI/2 BPSK	1	40	24.59	24.69	24.56		
15	PI/2 BPSK	1	77	24.62	24.66	24.63		
15	PI/2 BPSK	36	0	24.27	24.25	24.22	25.0	0.5
15	PI/2 BPSK	36	22	24.69	24.65	24.57	25.5	0.0
15	PI/2 BPSK	36	43	24.19	24.26	24.12	25.0	0.5
15	PI/2 BPSK	75	0	24.20	24.18	24.13		
15	QPSK	1	1	24.66	24.76	24.64	25.5	0.0
15	QPSK	1	40	24.61	24.70	24.63		
15	QPSK	1	77	24.68	24.65	24.66		
15	QPSK	36	0	23.69	23.76	23.73	24.5	1.0
15	QPSK	36	22	24.54	24.72	24.48	25.5	0.0
15	QPSK	36	43	23.61	23.66	23.59	24.5	1.0
15	QPSK	75	0	23.71	23.74	23.72		
15	16QAM	1	1	23.85	23.88	23.86	24.5	1.0
15	64QAM	1	1	22.02	22.14	22.04	23.0	2.5
256QAM		1	1	20.02	20.06	19.96	21.0	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.63	24.46	25.5	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.39	24.42	24.31	25.5	0.0

n26 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.95	24.11	23.84	25.7	0.0
20	PI/2 BPSK	1	53	24.02	24.18	24.05		
20	PI/2 BPSK	1	104	24.16	24.24	24.04		
20	PI/2 BPSK	50	0	23.52	23.62	23.44	25.2	0.5
20	PI/2 BPSK	50	28	24.11	24.09	24.02	25.7	0.0
20	PI/2 BPSK	50	56	23.53	23.71	23.46	25.2	0.5
20	PI/2 BPSK	100	0	23.59	23.64	23.46		
20	QPSK	1	1	25.18	25.25	25.06	25.7	0.0
20	QPSK	1	53	25.10	25.19	25.01		
20	QPSK	1	104	25.08	25.20	25.02		
20	QPSK	50	0	23.99	24.12	23.96	24.7	1.0
20	QPSK	50	28	24.92	24.97	24.83	25.7	0.0
20	QPSK	50	56	24.04	24.14	23.97	24.7	1.0
20	QPSK	100	0	24.02	24.11	24.01		
20	16QAM	1	1	24.11	24.21	24.04	24.7	1.0
20	64QAM	1	1	22.39	22.41	22.30	23.2	2.5
20	256QAM	1	1	20.32	20.44	20.27	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.91	25.02	24.93	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.93	25.09	24.89	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.87	24.96	24.81	25.7	0.0

n71 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.07	24.18	23.98	25.0	0.0
20	PI/2 BPSK	1	53	24.09	24.25	24.12		
20	PI/2 BPSK	1	104	24.04	24.21	23.97		
20	PI/2 BPSK	50	0	23.54	23.58	23.45	24.5	0.5
20	PI/2 BPSK	50	28	24.07	24.30	24.12	25.0	0.0
20	PI/2 BPSK	50	56	23.58	23.66	23.61	24.5	0.5
20	PI/2 BPSK	100	0	23.56	23.74	23.49		
20	QPSK	1	1	24.30	24.37	24.20	25.0	0.0
20	QPSK	1	53	24.14	24.17	24.10		
20	QPSK	1	104	24.03	24.15	23.91		
20	QPSK	50	0	23.01	23.14	22.92	24.0	1.0
20	QPSK	50	28	24.03	24.14	23.94	25.0	0.0
20	QPSK	50	56	23.12	23.13	22.95	24.0	1.0
20	QPSK	100	0	23.02	23.09	23.05		
20	16QAM	1	1	23.23	23.36	23.26	24.0	1.0
20	64QAM	1	1	21.45	21.49	21.42	22.5	2.5
20	256QAM	1	1	19.41	19.46	19.34	20.5	4.5
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.21	24.36	24.16	25.0	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.06	24.19	24.12	25.0	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.16	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.13	24.17	24.01	25.7	0.0
20	PI/2 BPSK	1	53	24.23	24.17	24.09		
20	PI/2 BPSK	1	104	24.31	24.27	24.23		
20	PI/2 BPSK	50	0	23.63	23.65	23.55	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.15	24.14	25.7	0.0
20	PI/2 BPSK	50	56	23.70	23.75	23.66	25.2	0.5
20	PI/2 BPSK	100	0	23.70	23.80	23.68		
20	QPSK	1	1	25.30	25.40	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.26	25.15		
20	QPSK	1	104	25.18	25.14	25.05		
20	QPSK	50	0	24.12	24.12	24.04	24.7	1.0
20	QPSK	50	28	25.05	25.14	25.03	25.7	0.0
20	QPSK	50	56	24.21	24.25	24.16	24.7	1.0
20	QPSK	100	0	24.19	24.21	24.15		
20	16QAM	1	1	24.39	24.39	24.24	24.7	1.0
20	64QAM	1	1	22.60	22.69	22.51	23.2	2.5
20	256QAM	1	1	20.66	20.61	20.54	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.19	25.29	25.21	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.12	25.19	25.11	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.16	25.20	25.09	25.7	0.0

n12 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.55	24.67	24.50	25.7	0.0
15	PI/2 BPSK	1	40	24.53	24.59	24.48		
15	PI/2 BPSK	1	77	24.56	24.63	24.58		
15	PI/2 BPSK	36	0	24.11	24.18	24.03	25.2	0.5
15	PI/2 BPSK	36	22	24.51	24.60	24.53	25.7	0.0
15	PI/2 BPSK	36	43	24.00	24.17	24.02	25.2	0.5
15	PI/2 BPSK	75	0	24.04	24.20	24.02		
15	QPSK	1	1	24.66	24.74	24.63	25.7	0.0
15	QPSK	1	40	24.55	24.67	24.51		
15	QPSK	1	77	24.54	24.68	24.53		
15	QPSK	36	0	23.66	23.66	23.60	24.7	1.0
15	QPSK	36	22	24.43	24.49	24.46	25.7	0.0
15	QPSK	36	43	23.55	23.62	23.56	24.7	1.0
15	QPSK	75	0	23.53	23.67	23.53		
15	16QAM	1	1	23.65	23.79	23.61	24.7	1.0
15	64QAM	1	1	21.88	22.00	21.89	23.2	2.5
	256QAM	1	1	19.79	19.88	19.82	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.59	24.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.35	24.49	24.29	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.04	24.11	24.05	25.7	0.0
20	PI/2 BPSK	1	53	24.13	24.32	24.19		
20	PI/2 BPSK	1	104	24.19	24.30	24.17		
20	PI/2 BPSK	50	0	23.58	23.71	23.61	25.2	0.5
20	PI/2 BPSK	50	28	24.07	24.25	24.22	25.7	0.0
20	PI/2 BPSK	50	56	23.64	23.72	23.66	25.2	0.5
20	PI/2 BPSK	100	0	23.58	23.68	23.60		
20	QPSK	1	1	25.26	25.37	25.34	25.7	0.0
20	QPSK	1	53	25.20	25.33	25.26		
20	QPSK	1	104	25.05	25.28	25.14		
20	QPSK	50	0	24.09	24.25	24.08	24.7	1.0
20	QPSK	50	28	25.06	25.11	25.07	25.7	0.0
20	QPSK	50	56	24.11	24.33	24.16	24.7	1.0
20	QPSK	100	0	24.14	24.21	24.11		
20	16QAM	1	1	24.17	24.33	24.19	24.7	1.0
20	64QAM	1	1	22.36	22.57	22.47	23.2	2.5
20	256QAM	1	1	20.42	20.55	20.43	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.19	25.29	25.16	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.16	25.27	25.11	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.09	25.19	25.13	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.25	24.31	24.14	25.5	0.0
20	PI/2 BPSK	1	53	24.27	24.37	24.12		
20	PI/2 BPSK	1	104	24.16	24.32	24.12		
20	PI/2 BPSK	50	0	23.67	23.71	23.62	25.0	0.5
20	PI/2 BPSK	50	28	24.30	24.38	24.24	25.5	0.0
20	PI/2 BPSK	50	56	23.71	23.79	23.66	25.0	0.5
20	PI/2 BPSK	100	0	23.76	23.85	23.63		
20	QPSK	1	1	24.35	24.47	24.26	25.5	0.0
20	QPSK	1	53	24.24	24.32	24.19		
20	QPSK	1	104	24.25	24.35	24.15		
20	QPSK	50	0	23.08	23.19	23.10	24.5	1.0
20	QPSK	50	28	24.20	24.23	24.03	25.5	0.0
20	QPSK	50	56	23.19	23.26	23.23	24.5	1.0
20	QPSK	100	0	23.21	23.24	23.13		
20	16QAM	1	1	23.34	23.48	23.27	24.5	1.0
20	64QAM	1	1	21.59	21.70	21.48	23.0	2.5
20	256QAM	1	1	19.58	19.58	19.43	21.0	4.5
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.22	24.38	24.19	25.5	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.17	24.29	24.16	25.5	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.13	25.5	0.0

n2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.49	17.56	17.42	18.5	0.0
20	PI/2 BPSK	1	53	17.37	17.48	17.35		
20	PI/2 BPSK	1	104	17.38	17.47	17.26		
20	PI/2 BPSK	50	0	17.49	17.58	17.34	18.5	0.0
20	PI/2 BPSK	50	28	17.32	17.49	17.32	18.5	0.0
20	PI/2 BPSK	50	56	17.29	17.51	17.34	18.5	0.0
20	PI/2 BPSK	100	0	17.33	17.37	17.41		
20	QPSK	1	1	17.59	17.64	17.61	18.5	0.0
20	QPSK	1	53	17.44	17.61	17.52		
20	QPSK	1	104	17.50	17.59	17.45		
20	QPSK	50	0	17.25	17.29	17.25	18.5	0.0
20	QPSK	50	28	17.51	17.61	17.42	18.5	0.0
20	QPSK	50	56	17.21	17.20	17.11	18.5	0.0
20	QPSK	100	0	17.27	17.32	17.17		
20	16QAM	1	1	17.34	17.35	17.26	18.5	0.0
20	64QAM	1	1	17.19	17.20	17.12	18.5	0.0
20	256QAM	1	1	17.04	17.14	17.03	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.45	17.50	17.54	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.46	17.44	17.57	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.51	17.61	17.40	18.5	0.0

n7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.08	19.14	19.02	19.7	0.0
50	PI/2 BPSK	1	135	18.98	18.96	18.92		
50	PI/2 BPSK	1	268	18.95	18.99	18.80		
50	PI/2 BPSK	135	0	19.04	19.13	18.94	19.7	0.0
50	PI/2 BPSK	135	68	18.92	19.05	18.93	19.7	0.0
50	PI/2 BPSK	135	135	18.91	18.99	18.86	19.7	0.0
50	PI/2 BPSK	270	0	18.89	18.98	18.95		
50	QPSK	1	1	19.17	19.19	19.14	19.7	0.0
50	QPSK	1	135	18.99	19.07	19.07		
50	QPSK	1	268	19.06	19.10	19.03		
50	QPSK	135	0	18.74	18.80	18.86	19.7	0.0
50	QPSK	135	68	18.98	19.12	18.96	19.7	0.0
50	QPSK	135	135	18.77	18.77	18.71	19.7	0.0
50	QPSK	270	0	18.80	18.84	18.80		
50	16QAM	1	1	18.88	19.00	18.89	19.7	0.0
50	64QAM	1	1	18.79	18.86	18.81	19.7	0.0
50	256QAM	1	1	18.86	18.91	18.83	19.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.13	19.15	18.97	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.07	19.07	18.98	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.02	18.99	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.11	19.09	19.08	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.10	18.99	19.04	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.99	19.06	19.00	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.97	19.14	18.92	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.07	18.00	17.89	19.0	0.0
40	PI/2 BPSK	1	108	17.92	17.97	17.79		
40	PI/2 BPSK	1	214	17.84	17.96	17.78		
40	PI/2 BPSK	108	0	18.02	18.07	17.82	19.0	0.0
40	PI/2 BPSK	108	54	17.81	17.91	17.92	19.0	0.0
40	PI/2 BPSK	108	108	17.82	17.93	17.78	19.0	0.0
40	PI/2 BPSK	216	0	17.86	17.87	17.86		
40	QPSK	1	1	18.04	18.16	18.14	19.0	0.0
40	QPSK	1	108	17.90	18.07	18.04		
40	QPSK	1	214	17.88	18.04	18.02		
40	QPSK	108	0	17.71	17.83	17.75	19.0	0.0
40	QPSK	108	54	17.93	18.08	17.97	19.0	0.0
40	QPSK	108	108	17.67	17.66	17.61	19.0	0.0
40	QPSK	216	0	17.73	17.86	17.72		
40	16QAM	1	1	17.83	17.93	17.76	19.0	0.0
40	64QAM	1	1	17.72	17.81	17.65	19.0	0.0
40	256QAM	1	1	17.76	17.82	17.79	19.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.86	18.05	17.93	19.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.96	18.12	18.03	19.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.89	18.04	18.05	19.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.97	18.06	17.93	19.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.93	18.07	17.94	19.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.94	17.94	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.67	18.74	18.56	19.2	0.0
40	PI/2 BPSK	1	108	18.52	18.55	18.51		
40	PI/2 BPSK	1	214	18.55	18.60	18.36		
40	PI/2 BPSK	108	0	18.66	18.77	18.50	19.2	0.0
40	PI/2 BPSK	108	54	18.54	18.59	18.50	19.2	0.0
40	PI/2 BPSK	108	108	18.49	18.64	18.46	19.2	0.0
40	PI/2 BPSK	216	0	18.52	18.55	18.57		
40	QPSK	1	1	18.70	18.85	18.79	19.2	0.0
40	QPSK	1	108	18.54	18.70	18.68		
40	QPSK	1	214	18.58	18.71	18.63		
40	QPSK	108	0	18.32	18.40	18.39	19.2	0.0
40	QPSK	108	54	18.57	18.74	18.60	19.2	0.0
40	QPSK	108	108	18.40	18.35	18.23	19.2	0.0
40	QPSK	216	0	18.30	18.52	18.30		
40	16QAM	1	1	18.41	18.60	18.42	19.2	0.0
40	64QAM	1	1	18.42	18.48	18.36	19.2	0.0
40	256QAM	1	1	18.51	18.48	18.38	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.54	18.63	18.61	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.59	18.67	18.62	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.67	18.82	18.70	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.60	18.75	18.72	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.51	18.80	18.63	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.63	18.76	18.61	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.32	18.37	18.29	19.2	0.0
40	PI/2 BPSK	1	53	18.19	18.29	18.21		
40	PI/2 BPSK	1	104	18.15	18.28	18.11		
40	PI/2 BPSK	50	0	18.30	18.41	18.25	19.2	0.0
40	PI/2 BPSK	50	28	18.15	18.32	18.21	19.2	0.0
40	PI/2 BPSK	50	56	18.15	18.32	18.11	19.2	0.0
40	PI/2 BPSK	100	0	18.22	18.21	18.22		
40	QPSK	1	1	18.41	18.46	18.38	19.2	0.0
40	QPSK	1	53	18.28	18.38	18.37		
40	QPSK	1	104	18.26	18.39	18.31		
40	QPSK	50	0	17.98	18.08	18.06	19.2	0.0
40	QPSK	50	28	18.27	18.40	18.24	19.2	0.0
40	QPSK	50	56	18.05	18.06	17.97	19.2	0.0
40	QPSK	100	0	17.98	18.19	18.04		
40	16QAM	1	1	18.12	18.28	18.09	19.2	0.0
40	64QAM	1	1	18.09	18.15	18.07	19.2	0.0
40	256QAM	1	1	18.20	18.16	18.12	19.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.29	18.30	18.22	19.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.35	18.42	18.34	19.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.38	18.31	18.17	19.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.20	18.26	18.24	19.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.24	18.43	18.31	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.29	18.35	18.18	19.0	0.0
100	PI/2 BPSK	1	137	18.22	18.24	18.12		
100	PI/2 BPSK	1	271	18.16	18.20	18.05		
100	PI/2 BPSK	135	0	18.26	18.36	18.22	19.0	0.0
100	PI/2 BPSK	135	69	18.11	18.22	18.18	19.0	0.0
100	PI/2 BPSK	135	138	18.13	18.28	18.13	19.0	0.0
100	PI/2 BPSK	270	0	18.18	18.16	18.20		
100	QPSK	1	1	18.33	18.40	18.38	19.0	0.0
100	QPSK	1	137	18.25	18.37	18.32		
100	QPSK	1	271	18.21	18.35	18.30		
100	QPSK	135	0	18.05	18.12	18.04	19.0	0.0
100	QPSK	135	69	18.24	18.38	18.22	19.0	0.0
100	QPSK	135	138	18.00	17.97	17.91	19.0	0.0
100	QPSK	270	0	18.02	18.17	17.95		
100	16QAM	1	1	18.12	18.19	18.03	19.0	0.0
100	64QAM	1	1	18.04	18.18	17.95	19.0	0.0
100	256QAM	1	1	18.11	18.12	18.05	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.33	18.37	18.32	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.31	18.39	18.36	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.34	18.37	18.33	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.31	18.38	18.35	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.27	18.35	18.35	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.34	18.34	18.32	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.32	18.37	18.34	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.35	18.34	18.35	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.32	18.36	18.34	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.01	21.09	20.96	22.0	0.0
100	PI/2 BPSK	1	137	20.84	20.93	20.77		
100	PI/2 BPSK	1	271	20.81	20.86	20.74		
100	PI/2 BPSK	135	0	20.95	21.02	20.87	22.0	0.0
100	PI/2 BPSK	135	69	20.85	20.93	20.91	22.0	0.0
100	PI/2 BPSK	135	138	20.76	20.92	20.78	22.0	0.0
100	PI/2 BPSK	270	0	20.81	20.90	20.86		
100	QPSK	1	1	21.09	21.18	21.04	22.0	0.0
100	QPSK	1	137	20.90	21.08	20.95		
100	QPSK	1	271	20.92	21.12	20.96		
100	QPSK	135	0	20.65	20.84	20.80	22.0	0.0
100	QPSK	135	69	20.97	21.07	20.98	22.0	0.0
100	QPSK	135	138	20.64	20.67	20.54	22.0	0.0
100	QPSK	270	0	20.74	20.79	20.66		
100	16QAM	1	1	20.71	20.92	20.73	22.0	0.0
100	64QAM	1	1	20.79	20.88	20.69	22.0	0.0
100	256QAM	1	1	20.68	20.86	20.68	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	21.09	20.82	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.99	21.14	21.02	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.05	21.04	20.84	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.96	21.03	20.90	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.03	21.16	21.01	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.01	21.07	20.88	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.87	21.16	21.01	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.94	21.09	20.85	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.91	20.98	20.99	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1660	1880	1900		
20	PI/2 BPSK	1	1	24.13	24.30	24.31	25.7	0.0
20	PI/2 BPSK	1	53	24.06	24.29	24.22		
20	PI/2 BPSK	1	104	24.13	24.31	24.27		
20	PI/2 BPSK	50	0	23.51	23.73	23.70	25.2	0.5
20	PI/2 BPSK	50	28	24.00	24.24	24.21	25.7	0.0
20	PI/2 BPSK	50	56	23.54	23.75	23.74	25.2	0.5
20	PI/2 BPSK	100	0	23.50	23.74	23.75		
20	QPSK	1	1	24.16	24.33	24.29	25.7	0.0
20	QPSK	1	53	24.03	24.25	24.23		
20	QPSK	1	104	23.99	24.21	24.20		
20	QPSK	50	0	23.02	23.22	23.18	24.7	1.0
20	QPSK	50	28	23.90	24.15	24.13	25.7	0.0
20	QPSK	50	56	23.00	23.22	23.19	24.7	1.0
20	QPSK	100	0	23.02	23.24	23.20		
20	16QAM	1	1	23.03	23.23	23.18	24.7	1.0
20	64QAM	1	1	21.45	21.61	21.52	23.2	2.5
20	256QAM	1	1	19.36	19.52	19.50	21.2	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.05	24.23	24.20	25.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.05	24.19	24.08	25.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.94	24.12	24.10	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.76	23.69	23.79	24.7	0.0
50	PI/2 BPSK	1	135	23.89	23.81	23.62		
50	PI/2 BPSK	1	268	23.80	23.64	23.62		
50	PI/2 BPSK	135	0	23.68	23.77	23.72	24.7	0.0
50	PI/2 BPSK	135	68	23.73	23.74	23.89	24.7	0.0
50	PI/2 BPSK	135	135	23.91	23.77	23.81	24.7	0.0
50	PI/2 BPSK	270	0	23.71	23.75	23.63		
50	QPSK	1	1	23.89	23.92	23.86	24.7	0.0
50	QPSK	1	135	23.85	23.89	23.64		
50	QPSK	1	268	23.74	23.63	23.63		
50	QPSK	135	0	23.65	23.78	23.64	24.7	0.0
50	QPSK	135	68	23.81	23.90	23.87	24.7	0.0
50	QPSK	135	135	23.77	23.76	23.84	24.7	0.0
50	QPSK	270	0	23.80	23.86	23.83		
50	16QAM	1	1	23.85	23.65	23.78	24.7	0.0
50	64QAM	1	1	21.81	21.99	21.74	23.2	1.5
50	256QAM	1	1	19.75	19.94	19.69	21.2	3.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.68	23.85	23.65	24.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.70	23.77	23.82	24.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.79	23.84	23.81	24.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.77	23.75	23.65	24.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.84	23.87	23.82	24.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.85	23.77	23.74	24.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.74	23.72	23.82	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	24.32	24.42	24.38	25.7	0.0
40	PI/2 BPSK	1	108	24.22	24.33	24.29		
40	PI/2 BPSK	1	214	24.27	24.40	24.35		
40	PI/2 BPSK	108	0	23.65	23.79	23.78	25.2	0.5
40	PI/2 BPSK	108	54	24.16	24.33	24.24	25.7	0.0
40	PI/2 BPSK	108	108	23.60	23.76	23.69	25.2	0.5
40	PI/2 BPSK	216	0	23.80	23.95	23.90		
40	QPSK	1	1	24.33	24.44	24.36	25.7	0.0
40	QPSK	1	108	24.23	24.35	24.29		
40	QPSK	1	214	24.31	24.40	24.35		
40	QPSK	108	0	23.08	23.23	23.18	24.7	1.0
40	QPSK	108	54	24.10	24.23	24.15	25.7	0.0
40	QPSK	108	108	23.08	23.22	23.19	24.7	1.0
40	QPSK	216	0	23.15	23.32	23.24		
40	16QAM	1	1	23.16	23.34	23.27	24.7	1.0
40	64QAM	1	1	21.42	21.51	21.49	23.2	2.5
40	256QAM	1	1	19.44	19.57	19.54	21.2	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.20	24.37	24.23	25.7	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.20	24.33	24.21	25.7	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.23	24.35	24.19	25.7	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.19	24.34	24.19	25.7	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.16	24.31	24.17	25.7	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.23	24.24	24.16	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.87	24.86	24.85	25.7	0.0
40	PI/2 BPSK	1	108	24.88	24.88	24.80		
40	PI/2 BPSK	1	214	24.84	24.92	24.86		
40	PI/2 BPSK	108	0	24.42	24.45	24.45	25.2	0.5
40	PI/2 BPSK	108	54	24.82	24.92	24.82	25.7	0.0
40	PI/2 BPSK	108	108	24.41	24.42	24.43	25.2	0.5
40	PI/2 BPSK	216	0	24.36	24.35	24.40		
40	QPSK	1	1	24.95	25.02	25.00	25.7	0.0
40	QPSK	1	108	24.93	24.97	24.96		
40	QPSK	1	214	24.84	24.92	24.84		
40	QPSK	108	0	23.91	23.98	23.93	24.7	1.0
40	QPSK	108	54	24.78	24.87	24.78	25.7	0.0
40	QPSK	108	108	23.88	23.85	23.87	24.7	1.0
40	QPSK	216	0	23.83	23.90	23.88		
40	16QAM	1	1	24.06	24.00	23.97	24.7	1.0
40	64QAM	1	1	22.21	22.16	22.10	23.2	2.5
40	256QAM	1	1	20.14	20.14	20.17	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.90	24.97	24.95	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.88	24.96	24.91	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.85	24.87	24.82	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.74	24.84	24.80	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.74	24.86	24.85	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.73	24.81	24.80	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.24	23.06	23.24	24.2	0.0
40	PI/2 BPSK	1	53	23.05	23.25	23.11		
40	PI/2 BPSK	1	104	23.18	23.03	23.10		
40	PI/2 BPSK	50	0	23.16	23.12	23.01	24.2	0.0
40	PI/2 BPSK	50	28	23.02	23.22	23.00	24.2	0.0
40	PI/2 BPSK	50	56	23.05	23.24	23.19	24.2	0.0
40	PI/2 BPSK	100	0	23.14	23.27	22.98		
40	QPSK	1	1	23.21	23.28	23.25	24.2	0.0
40	QPSK	1	53	23.24	23.26	23.21		
40	QPSK	1	104	22.99	23.12	23.13		
40	QPSK	50	0	23.02	23.21	23.04	24.2	0.0
40	QPSK	50	28	23.20	23.26	23.15	24.2	0.0
40	QPSK	50	56	23.10	23.02	23.02	24.2	0.0
40	QPSK	100	0	23.08	23.24	23.23		
40	16QAM	1	1	22.99	23.11	23.06	24.2	0.0
40	64QAM	1	1	21.73	21.89	21.71	23.2	1.0
40	256QAM	1	1	19.70	19.83	19.70	21.2	3.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.11	23.23	23.16	24.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.11	23.13	23.03	24.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.00	23.08	23.19	24.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.04	23.20	23.13	24.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.18	23.08	23.16	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.95	23.10	22.90	24.5	0.0
100	PI/2 BPSK	1	137	22.87	23.03	22.87		
100	PI/2 BPSK	1	271	23.00	23.19	22.98		
100	PI/2 BPSK	135	0	22.82	23.06	22.79	24.5	0.0
100	PI/2 BPSK	135	69	22.91	23.17	22.92	24.5	0.0
100	PI/2 BPSK	135	138	22.96	23.14	22.93	24.5	0.0
100	PI/2 BPSK	270	0	22.94	23.13	22.86		
100	QPSK	1	1	23.06	23.20	22.97	24.5	0.0
100	QPSK	1	137	22.80	23.12	22.89		
100	QPSK	1	271	23.04	23.13	23.04		
100	QPSK	135	0	22.87	23.08	22.85	24.5	0.0
100	QPSK	135	69	22.92	23.18	22.97	24.5	0.0
100	QPSK	135	138	22.92	23.01	22.94	24.5	0.0
100	QPSK	270	0	23.04	23.11	23.06		
100	16QAM	1	1	22.93	23.08	22.87	24.5	0.0
100	64QAM	1	1	23.08	23.18	22.97	24.5	0.0
100	256QAM	1	1	21.38	21.63	21.37	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.00	23.14	22.84	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.99	23.13	22.91	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.98	23.04	22.78	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.04	22.79	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.86	23.01	22.82	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.93	23.05	22.85	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.83	23.02	22.80	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.85	23.04	22.80	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.93	23.03	22.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.97	26.08	26.09	27.5	0.0
100	PI/2 BPSK	1	137	25.80	26.02	25.90		
100	PI/2 BPSK	1	271	25.88	25.99	25.90		
100	PI/2 BPSK	135	0	25.42	25.58	25.57	27.0	0.5
100	PI/2 BPSK	135	69	25.94	26.00	25.96	27.5	0.0
100	PI/2 BPSK	135	138	25.44	25.49	25.38	27.0	0.5
100	PI/2 BPSK	270	0	25.46	25.54	25.48		
100	QPSK	1	1	26.07	26.22	26.20	27.5	0.0
100	QPSK	1	137	25.74	25.90	25.77		
100	QPSK	1	271	25.74	25.87	25.84		
100	QPSK	135	0	25.04	25.17	25.08	26.5	1.0
100	QPSK	135	69	25.87	26.00	25.92	27.5	0.0
100	QPSK	135	138	24.99	25.05	24.95	26.5	1.0
100	QPSK	270	0	24.93	25.14	24.99		
100	16QAM	1	1	25.12	25.23	25.12	26.5	1.0
100	64QAM	1	1	23.29	23.41	23.34	25.0	2.5
100	256QAM	1	1	21.49	21.56	21.48	23.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.95	26.15	26.14	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.95	26.13	26.01	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.91	26.07	26.03	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.94	26.04	26.05	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.85	26.02	26.08	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.88	26.11	26.05	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.85	26.03	25.98	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.91	26.07	26.02	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.92	26.04	25.97	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.96	18.91	18.86	20.5	0.0
20	PI/2 BPSK	1	53	18.75	18.79	18.73		
20	PI/2 BPSK	1	104	18.73	18.81	18.66		
20	PI/2 BPSK	50	0	18.92	19.02	18.78	20.5	0.0
20	PI/2 BPSK	50	28	18.80	18.82	18.73	20.5	0.0
20	PI/2 BPSK	50	56	18.71	18.89	18.79	20.5	0.0
20	PI/2 BPSK	100	0	18.77	18.81	18.74		
20	QPSK	1	1	18.93	19.05	19.04	20.5	0.0
20	QPSK	1	53	18.82	19.01	18.85		
20	QPSK	1	104	18.80	18.98	18.85		
20	QPSK	50	0	18.61	18.68	18.62	20.5	0.0
20	QPSK	50	28	18.91	19.00	18.82	20.5	0.0
20	QPSK	50	56	18.81	18.84	18.85	20.5	0.0
20	QPSK	100	0	18.61	18.90	18.65		
20	16QAM	1	1	18.68	18.83	18.73	20.5	0.0
20	64QAM	1	1	18.64	18.74	18.58	20.5	0.0
20	256QAM	1	1	19.01	19.03	19.01	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.74	18.98	18.86	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.84	18.92	18.98	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.71	18.96	18.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.61	20.63	20.48	21.7	0.0
50	PI/2 BPSK	1	135	20.46	20.57	20.40		
50	PI/2 BPSK	1	268	20.50	20.54	20.41		
50	PI/2 BPSK	135	0	20.64	20.64	20.49	21.7	0.0
50	PI/2 BPSK	135	68	20.40	20.53	20.42	21.7	0.0
50	PI/2 BPSK	135	135	20.35	20.59	20.44	21.7	0.0
50	PI/2 BPSK	270	0	20.42	20.57	20.48		
50	QPSK	1	1	20.69	20.75	20.70	21.7	0.0
50	QPSK	1	135	20.48	20.62	20.66		
50	QPSK	1	268	20.57	20.66	20.60		
50	QPSK	135	0	20.34	20.43	20.39	21.7	0.0
50	QPSK	135	68	20.50	20.66	20.57	21.7	0.0
50	QPSK	135	135	20.34	20.38	20.14	21.7	0.0
50	QPSK	270	0	20.34	20.44	20.27		
50	16QAM	1	1	20.43	20.49	20.33	21.7	0.0
50	64QAM	1	1	20.42	20.43	20.31	21.7	0.0
50	256QAM	1	1	19.58	19.66	19.65	21.2	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.59	20.61	21.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.49	20.73	20.68	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.55	20.64	20.55	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.55	20.63	20.55	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.63	20.65	20.60	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.62	20.49	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.59	20.71	20.66	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.63	19.62	19.46	21.0	0.0
40	PI/2 BPSK	1	108	19.42	19.45	19.38		
40	PI/2 BPSK	1	214	19.48	19.55	19.28		
40	PI/2 BPSK	108	0	19.55	19.65	19.46	21.0	0.0
40	PI/2 BPSK	108	54	19.39	19.48	19.42	21.0	0.0
40	PI/2 BPSK	108	108	19.43	19.50	19.38	21.0	0.0
40	PI/2 BPSK	216	0	19.40	19.47	19.50		
40	QPSK	1	1	19.64	19.76	19.68	21.0	0.0
40	QPSK	1	108	19.48	19.61	19.63		
40	QPSK	1	214	19.45	19.67	19.60		
40	QPSK	108	0	19.30	19.33	19.27	21.0	0.0
40	QPSK	108	54	19.53	19.61	19.57	21.0	0.0
40	QPSK	108	108	19.29	19.32	19.22	21.0	0.0
40	QPSK	216	0	19.26	19.34	19.28		
40	16QAM	1	1	19.34	19.52	19.38	21.0	0.0
40	64QAM	1	1	19.28	19.41	19.33	21.0	0.0
40	256QAM	1	1	19.15	19.15	19.09	21.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.61	19.51	21.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.57	19.64	19.55	21.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.60	19.74	19.54	21.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.53	19.63	19.50	21.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.44	19.64	19.62	21.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.50	19.65	19.47	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.13	19.03	18.99	20.2	0.0
40	PI/2 BPSK	1	108	19.02	19.07	18.97		
40	PI/2 BPSK	1	214	19.00	19.01	18.92		
40	PI/2 BPSK	108	0	19.12	19.15	18.97	20.2	0.0
40	PI/2 BPSK	108	54	19.01	19.10	19.02	20.2	0.0
40	PI/2 BPSK	108	108	18.92	19.05	18.89	20.2	0.0
40	PI/2 BPSK	216	0	19.02	19.08	19.05		
40	QPSK	1	1	19.21	19.23	19.20	20.2	0.0
40	QPSK	1	108	19.00	19.14	19.14		
40	QPSK	1	214	19.03	18.16	19.07		
40	QPSK	108	0	18.78	18.92	18.85	20.2	0.0
40	QPSK	108	54	19.09	19.12	19.05	20.2	0.0
40	QPSK	108	108	18.80	18.88	18.70	20.2	0.0
40	QPSK	216	0	18.78	18.99	18.77		
40	16QAM	1	1	18.88	19.03	18.95	20.2	0.0
40	64QAM	1	1	18.82	18.91	18.79	20.2	0.0
40	256QAM	1	1	18.95	19.03	18.94	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.02	19.21	19.15	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.09	19.06	18.99	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.04	19.06	19.09	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.00	19.09	19.04	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.11	19.02	19.12	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.04	19.15	19.02	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.16	19.15	19.06	20.2	0.0
40	PI/2 BPSK	1	53	19.01	18.98	19.00		
40	PI/2 BPSK	1	104	18.92	19.05	18.85		
40	PI/2 BPSK	50	0	19.13	19.22	19.00	20.2	0.0
40	PI/2 BPSK	50	28	18.97	19.08	19.02	20.2	0.0
40	PI/2 BPSK	50	56	18.94	19.02	18.91	20.2	0.0
40	PI/2 BPSK	100	0	18.97	19.06	19.01		
40	QPSK	1	1	19.11	19.25	19.24	20.2	0.0
40	QPSK	1	53	18.98	19.15	19.07		
40	QPSK	1	104	19.02	19.17	19.12		
40	QPSK	50	0	18.75	18.90	18.84	20.2	0.0
40	QPSK	50	28	19.09	19.12	19.09	20.2	0.0
40	QPSK	50	56	18.81	18.85	18.72	20.2	0.0
40	QPSK	100	0	18.81	18.89	18.75		
40	16QAM	1	1	18.91	18.98	18.90	20.2	0.0
40	64QAM	1	1	18.84	18.99	18.81	20.2	0.0
40	256QAM	1	1	18.63	18.75	18.69	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.95	19.23	19.04	20.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.01	19.14	19.13	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.02	19.11	19.05	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.08	19.21	19.06	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.98	19.05	19.11	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.79	18.81	18.67	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.67	18.57		
100	PI/2 BPSK	1	271	18.68	18.69	18.59		
100	PI/2 BPSK	135	0	18.81	18.83	18.69	20.0	0.0
100	PI/2 BPSK	135	69	18.60	18.76	18.62	20.0	0.0
100	PI/2 BPSK	135	138	18.60	18.72	18.61	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.72	18.63		
100	QPSK	1	1	18.92	18.97	18.84	20.0	0.0
100	QPSK	1	137	18.68	18.90	18.80		
100	QPSK	1	271	18.75	18.82	18.80		
100	QPSK	135	0	18.45	18.52	18.52	20.0	0.0
100	QPSK	135	69	18.72	18.86	18.77	20.0	0.0
100	QPSK	135	138	18.54	18.57	18.34	20.0	0.0
100	QPSK	270	0	18.53	18.66	18.44		
100	16QAM	1	1	18.63	18.69	18.60	20.0	0.0
100	64QAM	1	1	18.60	18.65	18.50	20.0	0.0
100	256QAM	1	1	18.55	18.64	18.50	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	18.92	18.68	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.76	18.81	18.78	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.75	18.87	18.82	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.85	18.92	18.67	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.82	18.84	18.72	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.87	18.85	18.70	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.82	18.81	18.63	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.87	18.92	18.64	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.90	18.75	18.73	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.60	21.62	21.46	23.0	0.0
100	PI/2 BPSK	1	137	21.38	21.47	21.43		
100	PI/2 BPSK	1	271	21.37	21.43	21.29		
100	PI/2 BPSK	135	0	21.54	21.58	21.39	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.52	21.36	23.0	0.0
100	PI/2 BPSK	135	138	21.33	21.49	21.32	23.0	0.0
100	PI/2 BPSK	270	0	21.44	21.43	21.36		
100	QPSK	1	1	21.62	21.69	21.66	23.0	0.0
100	QPSK	1	137	21.52	21.59	21.58		
100	QPSK	1	271	21.46	21.60	21.45		
100	QPSK	135	0	21.27	21.34	21.34	23.0	0.0
100	QPSK	135	69	21.45	21.59	21.47	23.0	0.0
100	QPSK	135	138	21.26	21.31	21.10	23.0	0.0
100	QPSK	270	0	21.24	21.37	21.23		
100	16QAM	1	1	21.27	21.50	21.36	23.0	0.0
100	64QAM	1	1	21.36	21.36	21.29	23.0	0.0
100	256QAM	1	1	21.62	21.55	21.53	23.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.43	21.55	21.55	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.48	21.55	21.62	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.47	21.55	21.55	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.58	21.58	21.59	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.49	21.64	21.52	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.46	21.62	21.47	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.58	21.65	21.60	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.54	21.61	21.49	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.41	21.53	21.55	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1660	1880	1900		
20	PI/2 BPSK	1	1	23.28	23.26	23.29	25.0	0.0
20	PI/2 BPSK	1	53	23.05	23.16	23.11		
20	PI/2 BPSK	1	104	23.18	23.21	23.16		
20	PI/2 BPSK	50	0	22.65	22.68	22.63	24.5	0.5
20	PI/2 BPSK	50	28	23.08	23.18	23.10	25.0	0.0
20	PI/2 BPSK	50	56	22.63	22.69	22.63	24.5	0.5
20	PI/2 BPSK	100	0	22.62	22.67	22.63		
20	QPSK	1	1	23.23	23.36	23.23	25.0	0.0
20	QPSK	1	53	23.20	23.24	23.15		
20	QPSK	1	104	23.08	23.12	23.14		
20	QPSK	50	0	22.11	22.18	22.19	24.0	1.0
20	QPSK	50	28	23.02	23.15	23.05	25.0	0.0
20	QPSK	50	56	22.10	22.18	22.15	24.0	1.0
20	QPSK	100	0	22.11	22.24	22.13		
20	16QAM	1	1	22.14	22.22	22.23	24.0	1.0
20	64QAM	1	1	20.64	20.66	20.66	22.5	2.5
20	256QAM	1	1	18.59	18.71	18.61	20.5	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.09	23.28	23.16	25.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.11	23.23	23.13	25.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.15	23.21	23.12	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.54	23.68	23.66	25.5	0.0
50	PI/2 BPSK	1	135	23.72	23.96	23.86		
50	PI/2 BPSK	1	268	23.51	23.78	23.75		
50	PI/2 BPSK	135	0	23.02	23.29	23.21	25.0	0.5
50	PI/2 BPSK	135	68	23.68	23.89	23.80	25.5	0.0
50	PI/2 BPSK	135	135	23.04	23.29	23.22	25.0	0.5
50	PI/2 BPSK	270	0	23.06	23.20	23.19		
50	QPSK	1	1	23.74	23.98	23.83	25.5	0.0
50	QPSK	1	135	23.57	23.80	23.71		
50	QPSK	1	268	23.54	23.80	23.69		
50	QPSK	135	0	22.55	22.74	22.63	24.5	1.0
50	QPSK	135	68	23.65	23.86	23.78	25.5	0.0
50	QPSK	135	135	22.53	22.71	22.75	24.5	1.0
50	QPSK	270	0	22.52	22.76	22.72		
50	16QAM	1	1	22.75	22.92	22.91	24.5	1.0
50	64QAM	1	1	21.01	21.17	21.14	23.0	2.5
50	256QAM	1	1	19.08	19.29	19.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.68	23.83	23.75	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.56	23.81	23.67	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.60	23.78	23.67	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.54	23.76	23.68	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.55	23.79	23.63	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.61	23.78	23.64	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.57	23.77	23.59	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.28	23.45	23.29	25.0	0.0
40	PI/2 BPSK	1	108	23.32	23.48	23.30		
40	PI/2 BPSK	1	214	23.25	23.42	23.34		
40	PI/2 BPSK	108	0	22.71	22.87	22.73	24.5	0.5
40	PI/2 BPSK	108	54	23.24	23.40	23.27	25.0	0.0
40	PI/2 BPSK	108	108	22.71	22.78	22.70	24.5	0.5
40	PI/2 BPSK	216	0	22.94	23.10	22.94		
40	QPSK	1	1	23.47	23.53	23.38	25.0	0.0
40	QPSK	1	108	23.42	23.48	23.34		
40	QPSK	1	214	23.36	23.52	23.34		
40	QPSK	108	0	22.30	22.39	22.31	24.0	1.0
40	QPSK	108	54	23.20	23.38	23.22	25.0	0.0
40	QPSK	108	108	22.28	22.35	22.27	24.0	1.0
40	QPSK	216	0	22.33	22.50	22.35		
40	16QAM	1	1	22.38	22.46	22.31	24.0	1.0
40	64QAM	1	1	20.60	20.81	20.66	22.5	2.5
40	256QAM	1	1	18.67	18.85	18.66	20.5	4.5
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.32	23.44	23.30	25.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.38	23.42	23.34	25.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.34	23.37	23.25	25.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.28	23.36	23.24	25.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.26	23.31	23.39	25.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.21	23.26	23.19	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.54	23.82	23.76	25.5	0.0
40	PI/2 BPSK	1	108	23.84	24.13	24.01		
40	PI/2 BPSK	1	214	23.67	23.92	23.82		
40	PI/2 BPSK	108	0	23.21	23.49	23.35	25.0	0.5
40	PI/2 BPSK	108	54	23.79	23.98	23.91	25.5	0.0
40	PI/2 BPSK	108	108	23.30	23.49	23.36	25.0	0.5
40	PI/2 BPSK	216	0	23.21	23.48	23.33		
40	QPSK	1	1	23.96	24.15	24.02	25.5	0.0
40	QPSK	1	108	23.73	23.96	23.90		
40	QPSK	1	214	23.72	24.00	23.93		
40	QPSK	108	0	22.78	22.97	22.84	24.5	1.0
40	QPSK	108	54	23.71	23.93	23.87	25.5	0.0
40	QPSK	108	108	22.77	22.96	22.83	24.5	1.0
40	QPSK	216	0	22.78	22.97	22.83		
40	16QAM	1	1	22.85	23.11	22.97	24.5	1.0
40	64QAM	1	1	21.03	21.29	21.20	23.0	2.5
40	256QAM	1	1	19.01	19.27	19.16	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	24.09	23.92	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	24.08	23.96	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.82	24.05	23.90	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.91	23.99	23.97	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.87	23.89	23.87	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.83	23.87	23.69	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.69	23.81	23.81	25.5	0.0
40	PI/2 BPSK	1	53	23.83	24.01	23.89		
40	PI/2 BPSK	1	104	23.82	23.87	23.89		
40	PI/2 BPSK	50	0	23.06	23.18	23.12	25.0	0.5
40	PI/2 BPSK	50	28	23.62	23.74	23.66	25.5	0.0
40	PI/2 BPSK	50	56	23.13	23.24	23.21	25.0	0.5
40	PI/2 BPSK	100	0	23.22	23.31	23.20		
40	QPSK	1	1	23.89	24.03	23.87	25.5	0.0
40	QPSK	1	53	23.79	23.84	23.74		
40	QPSK	1	104	23.79	23.87	23.80		
40	QPSK	50	0	22.72	22.87	22.76	24.5	1.0
40	QPSK	50	28	23.72	23.82	23.76	25.5	0.0
40	QPSK	50	56	22.71	22.89	22.85	24.5	1.0
40	QPSK	100	0	22.67	22.78	22.73		
40	16QAM	1	1	22.86	22.99	22.98	24.5	1.0
40	64QAM	1	1	21.13	21.18	21.13	23.0	2.5
40	256QAM	1	1	19.01	19.19	19.11	21.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.78	23.97	23.83	25.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.80	23.90	23.82	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.76	23.92	23.80	25.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.70	23.89	23.72	25.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.77	23.88	23.72	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.33	22.37	22.30	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.38	22.27		
100	PI/2 BPSK	1	271	22.04	22.21	22.13		
100	PI/2 BPSK	135	0	22.11	22.12	22.11	24.0	0.0
100	PI/2 BPSK	135	69	22.23	22.36	22.24	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.37	22.27	24.0	0.0
100	PI/2 BPSK	270	0	22.15	22.24	22.28		
100	QPSK	1	1	22.27	22.39	22.35	24.0	0.0
100	QPSK	1	137	22.16	22.17	22.15		
100	QPSK	1	271	22.24	22.24	22.29		
100	QPSK	135	0	22.15	22.23	22.10	24.0	0.0
100	QPSK	135	69	22.28	22.30	22.24	24.0	0.0
100	QPSK	135	138	22.15	22.16	22.06	24.0	0.0
100	QPSK	270	0	22.34	22.37	22.33		
100	16QAM	1	1	22.17	22.23	22.24	24.0	0.0
100	64QAM	1	1	22.30	22.34	22.30	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.90	22.5	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.22	22.28	22.20	24.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.11	22.34	22.27	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.11	22.29	22.28	24.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.14	22.27	22.22	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.10	22.26	22.27	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.12	22.22	22.22	24.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.09	22.21	22.19	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.13	22.18	22.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.04	22.16	22.06	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.15	25.32	25.15	27.0	0.0
100	PI/2 BPSK	1	137	25.02	25.14	25.02		
100	PI/2 BPSK	1	271	25.03	25.28	25.10		
100	PI/2 BPSK	135	0	24.69	24.89	24.68	26.5	0.5
100	PI/2 BPSK	135	69	25.04	25.25	25.01	27.0	0.0
100	PI/2 BPSK	135	138	24.57	24.79	24.65	26.5	0.5
100	PI/2 BPSK	270	0	24.53	24.72	24.58		
100	QPSK	1	1	25.23	25.39	25.21	27.0	0.0
100	QPSK	1	137	25.02	25.17	25.06		
100	QPSK	1	271	25.07	25.23	25.07		
100	QPSK	135	0	24.12	24.31	24.20	26.0	1.0
100	QPSK	135	69	25.07	25.32	25.11	27.0	0.0
100	QPSK	135	138	24.02	24.22	24.11	26.0	1.0
100	QPSK	270	0	24.02	24.15	24.03		
100	16QAM	1	1	24.14	24.35	24.23	26.0	1.0
100	64QAM	1	1	22.60	22.80	22.56	24.5	2.5
100	256QAM	1	1	20.72	20.93	20.78	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.09	25.32	25.14	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.19	25.34	25.13	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.09	25.31	25.11	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.10	25.28	25.08	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.08	25.26	25.14	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.18	25.23	25.22	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.17	25.19	25.16	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.09	25.16	25.12	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.13	25.16	25.14	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.53	22.68	22.59	23.5	1.0
40	PI/2 BPSK	1	53	22.61	22.79	22.60		
40	PI/2 BPSK	1	104	22.59	22.79	22.56		
40	PI/2 BPSK	50	0	22.07	22.17	22.03	23.0	1.5
40	PI/2 BPSK	50	28	22.67	22.82	22.51	23.5	1.0
40	PI/2 BPSK	50	56	22.15	22.36	22.09	23.0	1.5
40	PI/2 BPSK	100	0	22.12	22.27	22.05		
40	QPSK	1	1	23.81	23.94	23.68	24.5	0.0
40	QPSK	1	53	23.64	23.80	23.50		
40	QPSK	1	104	23.65	23.77	23.54		
40	QPSK	50	0	22.63	22.76	22.55	23.5	1.0
40	QPSK	50	28	23.56	23.77	23.48	24.5	0.0
40	QPSK	50	56	22.62	22.82	22.57	23.5	1.0
40	QPSK	100	0	22.56	22.77	22.51		
40	16QAM	1	1	22.57	22.71	22.49	23.5	1.0
40	64QAM	1	1	20.86	21.03	20.80	22.0	2.5
40	256QAM	1	1	18.79	18.91	18.62	20.0	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.71	23.83	23.61	24.5	0.0
Channel				637168	641666	646166	Tune-up	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.73	23.79	23.57	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.73	23.76	23.51	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.41	22.49	22.26	23.5	0.0
100	PI/2 BPSK	1	137	22.31	22.45	22.29		
100	PI/2 BPSK	1	271	22.25	22.39	22.24		
100	PI/2 BPSK	135	0	22.18	22.34	22.10	23.5	0.0
100	PI/2 BPSK	135	69	22.38	22.50	22.32	23.5	0.0
100	PI/2 BPSK	135	138	22.40	22.49	22.31	23.5	0.0
100	PI/2 BPSK	270	0	22.26	22.44	22.26		
100	QPSK	1	1	22.44	22.53	22.36	23.5	0.0
100	QPSK	1	137	22.35	22.44	22.23		
100	QPSK	1	271	22.27	22.43	22.26		
100	QPSK	135	0	22.33	22.43	22.25	23.5	0.0
100	QPSK	135	69	22.36	22.49	22.26	23.5	0.0
100	QPSK	135	138	22.26	22.41	22.27	23.5	0.0
100	QPSK	270	0	22.28	22.42	22.17		
100	16QAM	1	1	22.26	22.41	22.24	23.5	0.0
100	64QAM	1	1	22.23	22.40	22.15	23.5	0.0
100	256QAM	1	1	20.72	20.82	20.67	22.0	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.40	22.45	22.22	23.5	0.0
Channel				649334	656000	662668	Tune-up	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.37	22.40	22.19	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.37	22.41	22.26	23.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.22	22.37	22.25	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.39	22.34	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.18	22.36	22.31	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.16	22.32	22.27	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.14	22.34	22.31	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.16	22.36	22.29	23.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.17	22.39	22.37	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.14	22.33	22.19	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.49	25.58	25.41	26.5	0.0
100	PI/2 BPSK	1	137	25.32	25.50	25.25		
100	PI/2 BPSK	1	271	25.26	25.41	25.16		
100	PI/2 BPSK	135	0	25.05	25.20	24.92	26.0	0.5
100	PI/2 BPSK	135	69	25.42	25.65	25.42	26.5	0.0
100	PI/2 BPSK	135	138	25.01	25.16	24.89	26.0	0.5
100	PI/2 BPSK	270	0	25.01	25.22	24.93		
100	QPSK	1	1	25.51	25.72	25.49	26.5	0.0
100	QPSK	1	137	25.31	25.41	25.19		
100	QPSK	1	271	25.12	25.26	25.07		
100	QPSK	135	0	24.66	24.81	24.57	25.5	1.0
100	QPSK	135	69	25.56	25.72	25.43	26.5	0.0
100	QPSK	135	138	24.48	24.68	24.41	25.5	1.0
100	QPSK	270	0	24.53	24.72	24.46		
100	16QAM	1	1	24.39	24.57	24.28	25.5	1.0
100	64QAM	1	1	22.91	23.10	22.79	24.0	2.5
100	256QAM	1	1	20.92	21.12	20.84	22.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.43	25.64	25.38	26.5	0.0
Channel				649334	656000	662668	Tune-up	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.44	25.69	25.37	26.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.45	25.58	25.39	26.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.36	25.52	25.29	26.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.28	25.51	25.28	26.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.34	25.55	25.32	26.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.26	25.47	25.25	26.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.34	25.57	25.26	26.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.29	25.51	25.24	26.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.29	25.46	25.31	26.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.30	25.50	25.28	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.33		23.5	0.0
100	PI/2 BPSK	1	137		22.42			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.28		23.5	0.0
100	PI/2 BPSK	135	69		22.35		23.5	0.0
100	PI/2 BPSK	135	138		22.30		23.5	0.0
100	PI/2 BPSK	270	0		22.37			
100	QPSK	1	1		22.56		23.5	0.0
100	QPSK	1	137		22.32			
100	QPSK	1	271		22.41			
100	QPSK	135	0		22.47		23.5	0.0
100	QPSK	135	69		22.48		23.5	0.0
100	QPSK	135	138		22.44		23.5	0.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.49		23.5	0.0
100	64QAM	1	1		22.42		23.5	0.0
100	256QAM	1	1		20.80		22.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.51	22.53	22.49	23.5	0.0
Channel				632668	633332	634000	Tune-up	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.48	22.51	22.46	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.49	22.48	22.53	23.5	0.0
Channel				632000	633332	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.38	22.46	22.41	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.46	22.49	22.47	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.37	22.46	22.39	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.49	22.51	22.47	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.37	22.39	22.31	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.29	22.34	22.28	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.38	22.45	22.43	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.29	22.31	22.27	23.5	0.0

PC2 Part27Q n77 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.60		26.5	0.0
100	PI/2 BPSK	1	137		25.63			
100	PI/2 BPSK	1	271		25.59			
100	PI/2 BPSK	135	0		25.23		26.0	0.5
100	PI/2 BPSK	135	69		25.61		26.5	0.0
100	PI/2 BPSK	135	138		25.17		26.0	0.5
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.77		26.5	0.0
100	QPSK	1	137		25.56			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.84		25.5	1.0
100	QPSK	135	69		25.64		26.5	0.0
100	QPSK	135	138		24.69		25.5	1.0
100	QPSK	270	0		24.74			
100	16QAM	1	1		24.72		25.5	1.0
100	64QAM	1	1		22.97		24.0	2.5
100	256QAM	1	1		21.13		22.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.64	25.75	25.63	26.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.66	25.73	25.63	26.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.71	25.71	25.64	26.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.66	25.69	25.64	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.68	25.67	25.61	26.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.57	25.61	25.59	26.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.61	25.63	25.58	26.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.43	25.49	25.41	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.51	25.58	25.51	26.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.48	25.56	25.53	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.39	25.41	25.36	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.51		24.5	0.0
100	PI/2 BPSK	1	137		23.46			
100	PI/2 BPSK	1	271		23.47			
100	PI/2 BPSK	135	0		23.44		24.5	0.0
100	PI/2 BPSK	135	69		23.59		24.5	0.0
100	PI/2 BPSK	135	138		23.43		24.5	0.0
100	PI/2 BPSK	270	0		23.64			
100	QPSK	1	1		23.65		24.5	0.0
100	QPSK	1	137		23.45			
100	QPSK	1	271		23.59			
100	QPSK	135	0		23.60		24.5	0.0
100	QPSK	135	69		23.62		24.5	0.0
100	QPSK	135	138		23.58		24.5	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.52		24.5	0.0
100	64QAM	1	1		23.57		24.5	0.0
100	256QAM	1	1		21.89		23.0	1.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.53	23.53	24.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.56	23.60	23.57	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.47	23.49	23.55	24.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.51	23.50	23.52	24.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.48	23.58	23.57	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.49	23.55	23.58	24.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.47	23.56	23.56	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.48	23.60	23.52	24.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.47	23.53	23.54	24.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.50	23.61	23.49	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.50	23.56	23.48	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.32		27.5	0.0
100	PI/2 BPSK	1	137		26.36			
100	PI/2 BPSK	1	271		26.42			
100	PI/2 BPSK	135	0		25.92		27.0	0.5
100	PI/2 BPSK	135	69		26.21		27.5	0.0
100	PI/2 BPSK	135	138		26.10		27.0	0.5
100	PI/2 BPSK	270	0		26.01			
100	QPSK	1	1		26.54		27.5	0.0
100	QPSK	1	137		26.31			
100	QPSK	1	271		26.34			
100	QPSK	135	0		25.30		26.5	1.0
100	QPSK	135	69		26.48		27.5	0.0
100	QPSK	135	138		25.41		26.5	1.0
100	QPSK	270	0		25.56			
100	16QAM	1	1		25.39		26.5	1.0
100	64QAM	1	1		23.61		25.0	2.5
100	256QAM	1	1		22.04		23.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.39	26.44	26.35	27.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.43	26.45	26.31	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.33	26.40	26.36	27.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.33	26.47	26.39	27.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.44	26.46	26.42	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.43	26.47	26.33	27.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.43	26.42	26.36	27.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.36	26.46	26.32	27.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.45	26.44	26.39	27.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.43	26.41	26.32	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.33	26.39	26.34	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.52			
100	PI/2 BPSK	1	137		23.40		24.5	0.0
100	PI/2 BPSK	1	271		23.51			
100	PI/2 BPSK	135	0		23.36		24.5	0.0
100	PI/2 BPSK	135	69		23.32		24.5	0.0
100	PI/2 BPSK	135	138		23.42		24.5	0.0
100	PI/2 BPSK	270	0		23.33			
100	QPSK	1	1		23.62			
100	QPSK	1	137		23.38		24.5	0.0
100	QPSK	1	271		23.46			
100	QPSK	135	0		23.50		24.5	0.0
100	QPSK	135	69		23.60		24.5	0.0
100	QPSK	135	138		23.32		24.5	0.0
100	QPSK	270	0		23.51			
100	16QAM	1	1		23.42		24.5	0.0
100	64QAM	1	1		23.37		24.5	0.0
100	256QAM	1	1		21.92		23.0	1.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.58	23.45	24.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.50	23.53	23.37	24.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.43	23.55	23.36	24.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.48	23.53	23.45	24.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.46	23.56	23.46	24.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.50	23.50	23.46	24.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.44	23.47	23.38	24.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.45	23.55	23.45	24.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.51	23.52	23.39	24.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.53	23.48	23.47	24.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.43	23.46	23.41	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.57			
100	PI/2 BPSK	1	137		26.49		27.5	0.0
100	PI/2 BPSK	1	271		26.49			
100	PI/2 BPSK	135	0		25.96		27.0	0.5
100	PI/2 BPSK	135	69		26.57		27.5	0.0
100	PI/2 BPSK	135	138		26.12		27.0	0.5
100	PI/2 BPSK	270	0		26.22			
100	QPSK	1	1		26.68			
100	QPSK	1	137		26.48		27.5	0.0
100	QPSK	1	271		26.40			
100	QPSK	135	0		25.78		26.5	1.0
100	QPSK	135	69		26.62		27.5	0.0
100	QPSK	135	138		25.74		26.5	1.0
100	QPSK	270	0		25.67			
100	16QAM	1	1		25.68		26.5	1.0
100	64QAM	1	1		23.91		25.0	2.5
100	256QAM	1	1		22.14		23.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.45	26.63	26.55	27.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.47	26.59	26.57	27.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.55	26.57	26.60	27.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.52	26.53	26.60	27.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.49	26.60	26.51	27.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.46	26.58	26.62	27.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.54	26.62	26.59	27.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.52	26.60	26.52	27.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.45	26.55	26.60	27.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.52	26.56	26.52	27.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.51	26.53	26.49	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.69	21.82	21.43	23.0	1.0
40	PI/2 BPSK	1	53	21.68	21.92	21.53		
40	PI/2 BPSK	1	104	21.74	21.89	21.47		
40	PI/2 BPSK	50	0	21.12	21.24	20.85	22.5	1.5
40	PI/2 BPSK	50	28	21.70	21.83	21.44	23.0	1.0
40	PI/2 BPSK	50	56	21.14	21.31	20.94	22.5	1.5
40	PI/2 BPSK	100	0	21.11	21.31	20.95		
40	QPSK	1	1	22.85	23.02	22.58	24.0	0.0
40	QPSK	1	53	22.66	22.91	22.43		
40	QPSK	1	104	22.65	22.85	22.43		
40	QPSK	50	0	21.55	21.70	21.30	23.0	1.0
40	QPSK	50	28	22.55	22.79	22.29	24.0	0.0
40	QPSK	50	56	21.63	21.74	21.33	23.0	1.0
40	QPSK	100	0	21.61	21.80	21.35		
40	16QAM	1	1	21.56	21.85	21.38	23.0	1.0
40	64QAM	1	1	19.86	20.02	19.64	21.5	2.5
40	256QAM	1	1	17.75	17.93	17.68	19.5	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.73	22.96	22.47	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.73	22.88	22.47	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.73	22.93	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.23	22.30	21.77	23.5	0.0
100	PI/2 BPSK	1	137	22.17	22.30	21.74		
100	PI/2 BPSK	1	271	22.15	22.31	21.80		
100	PI/2 BPSK	135	0	22.16	22.25	21.70	23.5	0.0
100	PI/2 BPSK	135	69	22.26	22.33	21.69	23.5	0.0
100	PI/2 BPSK	135	138	22.14	22.22	21.67	23.5	0.0
100	PI/2 BPSK	270	0	22.13	22.21	21.61		
100	QPSK	1	1	22.33	22.41	21.98	23.5	0.0
100	QPSK	1	137	22.17	22.31	21.70		
100	QPSK	1	271	22.21	22.29	21.65		
100	QPSK	135	0	22.15	22.27	21.59	23.5	0.0
100	QPSK	135	69	22.25	22.38	21.74	23.5	0.0
100	QPSK	135	138	22.20	22.25	21.68	23.5	0.0
100	QPSK	270	0	22.22	22.33	21.77		
100	16QAM	1	1	22.21	22.35	21.72	23.5	0.0
100	64QAM	1	1	22.16	22.28	21.63	23.5	0.0
100	256QAM	1	1	20.46	20.58	20.06	22.0	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.18	22.35	21.96	23.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.26	22.36	21.85	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.18	22.33	21.86	23.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.20	22.26	21.87	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.18	22.27	21.83	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.28	22.26	21.87	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.25	22.26	21.88	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.17	22.34	21.84	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.23	22.30	21.88	23.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.34	21.90	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.20	22.26	21.93	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.73	24.78	24.57	26.5	0.0
100	PI/2 BPSK	1	137	24.69	24.83	24.61		
100	PI/2 BPSK	1	271	24.61	24.90	24.56		
100	PI/2 BPSK	135	0	24.37	24.61	24.35	26.0	0.5
100	PI/2 BPSK	135	69	24.73	24.86	24.65	26.5	0.0
100	PI/2 BPSK	135	138	24.28	24.42	24.13	26.0	0.5
100	PI/2 BPSK	270	0	24.21	24.38	24.20		
100	QPSK	1	1	24.85	25.10	24.89	26.5	0.0
100	QPSK	1	137	24.58	24.76	24.65		
100	QPSK	1	271	24.65	24.85	24.58		
100	QPSK	135	0	23.84	24.09	23.80	25.5	1.0
100	QPSK	135	69	24.67	24.97	24.74	26.5	0.0
100	QPSK	135	138	23.74	23.92	23.70	25.5	1.0
100	QPSK	270	0	23.75	23.93	23.70		
100	16QAM	1	1	23.87	24.11	23.74	25.5	1.0
100	64QAM	1	1	22.60	22.66	22.49	24.0	2.5
100	256QAM	1	1	20.12	20.38	20.06	22.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.75	25.06	24.78	26.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.75	25.02	24.82	26.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.76	25.05	24.78	26.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.74	25.01	24.78	26.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.71	24.97	24.84	26.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.77	25.03	24.82	26.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.80	24.99	24.77	26.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.74	24.95	24.73	26.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.76	24.94	24.76	26.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.69	24.93	24.77	26.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.65	24.89	24.71	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.84		23.5	0.0
100	PI/2 BPSK	1	137		21.88			
100	PI/2 BPSK	1	271		21.80			
100	PI/2 BPSK	135	0		21.70		23.5	0.0
100	PI/2 BPSK	135	69		21.89		23.5	0.0
100	PI/2 BPSK	135	138		21.87		23.5	0.0
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		21.91		23.5	0.0
100	QPSK	1	137		21.76			
100	QPSK	1	271		21.73			
100	QPSK	135	0		21.71		23.5	0.0
100	QPSK	135	69		21.87		23.5	0.0
100	QPSK	135	138		21.80		23.5	0.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.79		23.5	0.0
100	64QAM	1	1		21.81		23.5	0.0
100	256QAM	1	1		20.19		22.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.78	21.84	21.62	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.78	21.82	21.64	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.70	21.78	21.61	23.5	0.0
Channel				632000	633332	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.78	21.74	21.64	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.77	21.71	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.71	21.72	21.70	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.71	21.79	21.67	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.64	21.74	21.68	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.61	21.69	21.59	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.59	21.63	21.66	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.57	21.67	21.56	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.77		26.5	0.0
100	PI/2 BPSK	1	137		24.79			
100	PI/2 BPSK	1	271		24.69			
100	PI/2 BPSK	135	0		24.34		26.0	0.5
100	PI/2 BPSK	135	69		24.64		26.5	0.0
100	PI/2 BPSK	135	138		24.21		26.0	0.5
100	PI/2 BPSK	270	0		24.26			
100	QPSK	1	1		24.89		26.5	0.0
100	QPSK	1	137		24.63			
100	QPSK	1	271		24.54			
100	QPSK	135	0		23.86		25.5	1.0
100	QPSK	135	69		24.81		26.5	0.0
100	QPSK	135	138		23.74		25.5	1.0
100	QPSK	270	0		23.75			
100	16QAM	1	1		23.67		25.5	1.0
100	64QAM	1	1		22.20		24.0	2.5
100	256QAM	1	1		20.29		22.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.79	24.82	24.65	26.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.77	24.81	24.71	26.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.72	24.71	24.67	26.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.78	24.78	24.71	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.78	24.76	24.63	26.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.75	24.73	24.62	26.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.75	24.70	24.63	26.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.72	24.71	24.67	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.79	24.76	24.68	26.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.69	24.71	24.68	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.72	24.76	24.67	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.70		24.5	0.0
100	PI/2 BPSK	1	137		22.84			
100	PI/2 BPSK	1	271		22.76			
100	PI/2 BPSK	135	0		22.63		24.5	0.0
100	PI/2 BPSK	135	69		22.68		24.5	0.0
100	PI/2 BPSK	135	138		22.83		24.5	0.0
100	PI/2 BPSK	270	0		22.79			
100	QPSK	1	1		22.92		24.5	0.0
100	QPSK	1	137		22.74			
100	QPSK	1	271		22.84			
100	QPSK	135	0		22.65		24.5	0.0
100	QPSK	135	69		22.79		24.5	0.0
100	QPSK	135	138		22.70		24.5	0.0
100	QPSK	270	0		22.76			
100	16QAM	1	1		22.83		24.5	0.0
100	64QAM	1	1		22.73		24.5	0.0
100	256QAM	1	1		21.45		23.0	1.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.72	22.83	22.78	24.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.78	22.79	22.74	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.75	22.82	22.76	24.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.74	22.80	22.76	24.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.73	22.79	22.78	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.74	22.76	22.77	24.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.81	22.83	22.72	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.77	22.76	22.72	24.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.71	22.82	22.76	24.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.77	22.74	22.67	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.71	22.73	22.69	24.5	0.0

PC2 Part27O n78 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.63		27.5	0.0
100	PI/2 BPSK	1	137		25.83			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.14		27.0	0.5
100	PI/2 BPSK	135	69		25.68		27.5	0.0
100	PI/2 BPSK	135	138		25.66		27.0	0.5
100	PI/2 BPSK	270	0		25.48			
100	QPSK	1	1		25.98		27.5	0.0
100	QPSK	1	137		25.73			
100	QPSK	1	271		25.86			
100	QPSK	135	0		24.99		26.5	1.0
100	QPSK	135	69		25.90		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.77		26.5	1.0
100	64QAM	1	1		23.13		25.0	2.5
100	256QAM	1	1		21.56		23.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.74	25.82	25.64	27.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.74	25.81	25.68	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.71	25.85	25.75	27.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.73	25.81	25.66	27.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.74	25.90	25.76	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.75	25.88	25.71	27.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.79	25.84	25.72	27.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.75	25.85	25.72	27.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.77	25.84	25.68	27.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.76	25.89	25.71	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.70	25.89	25.73	27.5	0.0

PC3 Part27Q n78 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.71			
100	PI/2 BPSK	1	137		22.63		24.5	0.0
100	PI/2 BPSK	1	271		22.67			
100	PI/2 BPSK	135	0		22.67		24.5	0.0
100	PI/2 BPSK	135	69		22.72		24.5	0.0
100	PI/2 BPSK	135	138		22.71		24.5	0.0
100	PI/2 BPSK	270	0		22.75			
100	QPSK	1	1		22.85			
100	QPSK	1	137		22.61		24.5	0.0
100	QPSK	1	271		22.60			
100	QPSK	135	0		22.81		24.5	0.0
100	QPSK	135	69		22.85		24.5	0.0
100	QPSK	135	138		22.70		24.5	0.0
100	QPSK	270	0		22.59			
100	16QAM	1	1		22.72		24.5	0.0
100	64QAM	1	1		22.66		24.5	0.0
100	256QAM	1	1		21.43		23.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.71	22.77	22.63	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.65	22.72	22.72	24.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.62	22.70	22.66	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.62	22.67	22.67	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.63	22.66	22.69	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.63	22.71	22.64	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.69	22.75	22.70	24.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.64	22.74	22.63	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.70	22.73	22.72	24.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.61	22.68	22.62	24.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.59	22.64	22.61	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.84			
100	PI/2 BPSK	1	137		25.72		27.5	0.0
100	PI/2 BPSK	1	271		25.68			
100	PI/2 BPSK	135	0		25.19		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.37		27.0	0.5
100	PI/2 BPSK	270	0		25.38			
100	QPSK	1	1		26.04			
100	QPSK	1	137		25.63		27.5	0.0
100	QPSK	1	271		25.64			
100	QPSK	135	0		25.05		26.5	1.0
100	QPSK	135	69		25.86		27.5	0.0
100	QPSK	135	138		24.91		26.5	1.0
100	QPSK	270	0		25.01			
100	16QAM	1	1		24.88		26.5	1.0
100	64QAM	1	1		23.15		25.0	2.5
100	256QAM	1	1		21.40		23.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.92	25.97	25.89	27.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.88	25.94	25.83	27.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.81	25.95	25.90	27.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.84	25.94	25.94	27.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.82	25.88	25.82	27.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.83	25.89	25.90	27.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.91	25.93	25.92	27.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.83	25.86	25.86	27.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.84	25.93	25.93	27.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.92	25.87	25.83	27.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.79	25.84	25.81	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.74	17.66	17.53	18.5	0.0
40	PI/2 BPSK	1	53	17.51	17.62	17.50		
40	PI/2 BPSK	1	104	17.48	17.53	17.34		
40	PI/2 BPSK	50	0	17.62	17.75	17.49	18.5	0.0
40	PI/2 BPSK	50	28	17.46	17.57	17.57	18.5	0.0
40	PI/2 BPSK	50	56	17.48	17.64	17.52	18.5	0.0
40	PI/2 BPSK	100	0	17.51	17.56	17.50		
40	QPSK	1	1	17.76	17.80	17.68	18.5	0.0
40	QPSK	1	53	17.63	17.66	17.65		
40	QPSK	1	104	17.62	17.66	17.64		
40	QPSK	50	0	17.36	17.45	17.44	18.5	0.0
40	QPSK	50	28	17.59	17.68	17.58	18.5	0.0
40	QPSK	50	56	17.29	17.40	17.26	18.5	0.0
40	QPSK	100	0	17.34	17.51	17.37		
40	16QAM	1	1	17.40	17.55	17.36	18.5	0.0
40	64QAM	1	1	17.41	17.49	17.37	18.5	0.0
40	256QAM	1	1	17.45	17.47	17.43	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.60	17.71	17.62	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.68	17.77	17.64	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.71	17.62	17.48	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.72	17.77	17.71	19.0	0.0
100	PI/2 BPSK	1	137	17.67	17.63	17.55		
100	PI/2 BPSK	1	271	17.55	17.64	17.51		
100	PI/2 BPSK	135	0	17.73	17.78	17.66	19.0	0.0
100	PI/2 BPSK	135	69	17.54	17.63	17.60	19.0	0.0
100	PI/2 BPSK	135	138	17.56	17.71	17.54	19.0	0.0
100	PI/2 BPSK	270	0	17.65	17.63	17.56		
100	QPSK	1	1	17.77	17.91	17.83	19.0	0.0
100	QPSK	1	137	17.69	17.84	17.73		
100	QPSK	1	271	17.64	17.76	17.71		
100	QPSK	135	0	17.73	17.79	17.65	19.0	0.0
100	QPSK	135	69	17.74	17.80	17.70	19.0	0.0
100	QPSK	135	138	17.69	17.77	17.72	19.0	0.0
100	QPSK	270	0	17.62	17.71	17.69		
100	16QAM	1	1	17.68	17.66	17.56	19.0	0.0
100	64QAM	1	1	17.54	17.54	17.59	19.0	0.0
100	256QAM	1	1	17.60	17.63	17.67	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.59	17.71	17.63	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.71	17.77	17.74	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.60	17.70	17.66	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.64	17.81	17.74	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.72	17.88	17.79	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.62	17.83	17.80	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.71	17.70	17.76	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.70	17.83	17.65	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.66	17.86	17.67	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.66	17.77	17.71	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.66	17.72	17.67	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.54	20.62	20.39	22.0	0.0
100	PI/2 BPSK	1	137	20.41	20.47	20.39		
100	PI/2 BPSK	1	271	20.36	20.42	20.31		
100	PI/2 BPSK	135	0	20.46	20.53	20.36	22.0	0.0
100	PI/2 BPSK	135	69	20.36	20.41	20.36	22.0	0.0
100	PI/2 BPSK	135	138	20.29	20.45	20.32	22.0	0.0
100	PI/2 BPSK	270	0	20.31	20.45	20.37		
100	QPSK	1	1	20.52	20.66	20.65	22.0	0.0
100	QPSK	1	137	20.40	20.61	20.52		
100	QPSK	1	271	20.40	20.53	20.42		
100	QPSK	135	0	20.25	20.28	20.20	22.0	0.0
100	QPSK	135	69	20.48	20.50	20.45	22.0	0.0
100	QPSK	135	138	20.17	20.19	20.03	22.0	0.0
100	QPSK	270	0	20.21	20.48	20.20		
100	16QAM	1	1	20.27	20.35	20.27	22.0	0.0
100	64QAM	1	1	20.25	20.36	20.17	22.0	0.0
100	256QAM	1	1	20.00	20.03	19.89	21.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.42	20.63	20.52	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.33	20.53	20.47	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.38	20.61	20.58	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.32	20.61	20.61	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.35	20.48	20.52	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.44	20.55	20.58	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.40	20.58	20.62	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.45	20.62	20.47	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.42	20.49	20.46	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.32	20.53	20.45	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.32	20.54	20.50	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.85		19.0	0.0
100	PI/2 BPSK	1	137		17.75			
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.90		19.0	0.0
100	PI/2 BPSK	135	69		17.77		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.92		19.0	0.0
100	QPSK	1	137		17.86			
100	QPSK	1	271		17.87			
100	QPSK	135	0		17.87		19.0	0.0
100	QPSK	135	69		17.89		19.0	0.0
100	QPSK	135	138		17.84		19.0	0.0
100	QPSK	270	0		17.85			
100	16QAM	1	1		17.75		19.0	0.0
100	64QAM	1	1		17.81		19.0	0.0
100	256QAM	1	1		17.90		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.84	17.88	17.81	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.81	17.83	17.79	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.79	17.86	17.75	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.83	17.87	17.79	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.83	17.83	17.80	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.83	17.85	17.77	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.79	17.85	17.78	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.78	17.84	17.79	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.80	17.85	17.79	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.81	17.87	17.76	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.82	17.85	17.77	19.0	0.0

Part27Q n77 PC2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.36		22.0	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.14			
100	PI/2 BPSK	135	0		20.41		22.0	0.0
100	PI/2 BPSK	135	69		20.18		22.0	0.0
100	PI/2 BPSK	135	138		20.20		22.0	0.0
100	PI/2 BPSK	270	0		20.20			
100	QPSK	1	1		20.43		22.0	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.34			
100	QPSK	135	0		20.01		22.0	0.0
100	QPSK	135	69		20.31		22.0	0.0
100	QPSK	135	138		20.01		22.0	0.0
100	QPSK	270	0		20.08			
100	16QAM	1	1		20.17		22.0	0.0
100	64QAM	1	1		20.12		22.0	0.0
100	256QAM	1	1		19.60		21.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.32	20.38	20.30	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.27	20.33	20.30	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.31	20.36	20.29	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.28	20.32	20.25	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.31	20.33	20.29	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.30	20.38	20.29	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.27	20.35	20.28	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.30	20.35	20.27	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.36	20.25	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.26	20.37	20.30	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.29	20.33	20.26	22.0	0.0

Part27O n78 PC3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84		18.5	0.0
100	PI/2 BPSK	1	137		16.77			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.84		18.5	0.0
100	PI/2 BPSK	135	69		16.70		18.5	0.0
100	PI/2 BPSK	135	138		16.77		18.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.97		18.5	0.0
100	QPSK	1	137		16.88			
100	QPSK	1	271		16.84			
100	QPSK	135	0		16.57		18.5	0.0
100	QPSK	135	69		16.93		18.5	0.0
100	QPSK	135	138		16.54		18.5	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.68		18.5	0.0
100	64QAM	1	1		16.68		18.5	0.0
100	256QAM	1	1		16.67		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.93	16.75	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.68	16.90	16.80	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.70	16.85	16.82	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.70	16.83	16.74	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.70	16.85	16.75	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.72	16.89	16.79	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.91	16.76	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.69	16.93	16.83	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.71	16.92	16.76	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.72	16.84	16.78	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.72	16.82	16.80	18.5	0.0

Part27O n78 PC2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.91		21.5	0.0
100	PI/2 BPSK	1	137		19.77			
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.92		21.5	0.0
100	PI/2 BPSK	135	69		19.81		21.5	0.0
100	PI/2 BPSK	135	138		19.86		21.5	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.95		21.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.62		21.5	0.0
100	QPSK	135	69		19.92		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.70		21.5	0.0
100	256QAM	1	1		19.80		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.63	19.85	19.73	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.84	19.76	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.66	19.82	19.78	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.85	19.81	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.67	19.82	19.80	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.68	19.90	19.82	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.87	19.82	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.70	19.84	19.73	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.71	19.85	19.78	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.63	19.84	19.75	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.61	19.82	19.79	21.5	0.0

Part27Q n78 PC3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.67		18.5	0.0
100	PI/2 BPSK	1	137		16.52			
100	PI/2 BPSK	1	271		16.54			
100	PI/2 BPSK	135	0		16.67		18.5	0.0
100	PI/2 BPSK	135	69		16.52		18.5	0.0
100	PI/2 BPSK	135	138		16.60		18.5	0.0
100	PI/2 BPSK	270	0		16.61			
100	QPSK	1	1		16.81		18.5	0.0
100	QPSK	1	137		16.73			
100	QPSK	1	271		16.74			
100	QPSK	135	0		16.64		18.5	0.0
100	QPSK	135	69		16.71		18.5	0.0
100	QPSK	135	138		16.66		18.5	0.0
100	QPSK	270	0		16.65			
100	16QAM	1	1		16.60		18.5	0.0
100	64QAM	1	1		16.52		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.60	16.73	16.71	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.59	16.77	16.66	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.52	16.69	16.61	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.58	16.77	16.59	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.52	16.72	16.61	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.61	16.74	16.59	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.70	16.60	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.54	16.71	16.61	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.56	16.74	16.61	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.58	16.71	16.60	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.51	16.76	16.70	18.5	0.0

Part27Q n78 PC2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.86		21.5	0.0
100	PI/2 BPSK	1	137		19.73			
100	PI/2 BPSK	1	271		19.78			
100	PI/2 BPSK	135	0		19.97		21.5	0.0
100	PI/2 BPSK	135	69		19.73		21.5	0.0
100	PI/2 BPSK	135	138		19.83		21.5	0.0
100	PI/2 BPSK	270	0		19.77			
100	QPSK	1	1		20.00		21.5	0.0
100	QPSK	1	137		19.91			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.68		21.5	0.0
100	QPSK	135	69		19.96		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.73		21.5	0.0
100	256QAM	1	1		19.68		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.68	19.96	19.79	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.71	19.92	19.77	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.72	19.88	19.77	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.64	19.95	19.81	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.67	19.88	19.80	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.71	19.95	19.72	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.64	19.96	19.71	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.70	19.85	19.74	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.68	19.86	19.82	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.61	19.85	19.78	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.72	19.86	19.77	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.94	21.07	20.75	22.5	0.5
40	PI/2 BPSK	1	53	21.04	21.23	20.99		
40	PI/2 BPSK	1	104	21.00	21.11	20.88		
40	PI/2 BPSK	50	0	20.37	20.49	20.26	22.0	1.0
40	PI/2 BPSK	50	28	21.04	21.09	20.84	22.5	0.5
40	PI/2 BPSK	50	56	20.39	20.52	20.32	22.0	1.0
40	PI/2 BPSK	100	0	20.49	20.53	20.35		
40	QPSK	1	1	21.76	21.82	21.75	23.0	0.0
40	QPSK	1	53	21.64	21.81	21.78		
40	QPSK	1	104	21.63	21.67	21.79		
40	QPSK	50	0	20.85	21.01	20.75	22.5	0.5
40	QPSK	50	28	21.71	21.77	21.74	23.0	0.0
40	QPSK	50	56	20.91	21.02	20.72	22.5	0.5
40	QPSK	100	0	20.88	21.01	20.76		
40	16QAM	1	1	20.95	21.02	20.75	22.5	0.5
40	64QAM	1	1	19.19	19.26	19.04	21.0	2.0
40	256QAM	1	1	17.07	17.13	17.06	19.0	4.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.63	21.70	21.73	23.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.61	21.63	21.60	23.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.55	21.77	21.66	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.11	21.21	21.04	23.0	0.0
100	PI/2 BPSK	1	137	21.18	21.22	21.16		
100	PI/2 BPSK	1	271	21.08	21.17	21.12		
100	PI/2 BPSK	135	0	21.06	21.09	21.02	23.0	0.0
100	PI/2 BPSK	135	69	21.11	21.24	21.08	23.0	0.0
100	PI/2 BPSK	135	138	21.10	21.21	21.14	23.0	0.0
100	PI/2 BPSK	270	0	21.10	21.24	21.18		
100	QPSK	1	1	21.19	21.36	21.21	23.0	0.0
100	QPSK	1	137	21.12	21.30	21.07		
100	QPSK	1	271	21.12	21.16	21.06		
100	QPSK	135	0	21.10	21.20	21.16	23.0	0.0
100	QPSK	135	69	21.21	21.27	21.20	23.0	0.0
100	QPSK	135	138	21.08	21.12	21.11	23.0	0.0
100	QPSK	270	0	21.15	21.20	21.16		
100	16QAM	1	1	21.07	21.20	21.12	23.0	0.0
100	64QAM	1	1	21.11	21.26	21.03	23.0	0.0
100	256QAM	1	1	19.56	19.71	19.55	21.5	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.19	21.27	21.14	23.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.20	21.25	21.16	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.19	21.29	21.10	23.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.21	21.23	21.14	23.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.14	21.27	21.09	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.22	21.29	21.08	23.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.20	21.26	21.10	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.13	21.20	21.07	23.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.28	21.12	23.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.13	21.18	21.16	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.16	21.19	21.04	23.0	0.0

PC2 Part27O n77 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.50	24.63	24.64	26.0	0.0
100	PI/2 BPSK	1	137	24.33	24.44	24.43		
100	PI/2 BPSK	1	271	24.16	24.29	24.23		
100	PI/2 BPSK	135	0	24.18	24.32	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.42	24.59	24.52	26.0	0.0
100	PI/2 BPSK	135	138	23.93	24.06	24.05	25.5	0.5
100	PI/2 BPSK	270	0	23.88	24.03	24.05		
100	QPSK	1	1	24.60	24.71	24.82	26.0	0.0
100	QPSK	1	137	24.27	24.39	24.34		
100	QPSK	1	271	24.09	24.14	24.12		
100	QPSK	135	0	23.57	23.67	23.72	25.0	1.0
100	QPSK	135	69	24.66	24.69	24.66	26.0	0.0
100	QPSK	135	138	23.44	23.57	23.60	25.0	1.0
100	QPSK	270	0	23.40	23.55	23.50		
100	16QAM	1	1	23.52	23.69	23.64	25.0	1.0
100	64QAM	1	1	21.61	21.59	21.57	23.5	2.5
100	256QAM	1	1	20.06	20.21	20.23	21.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.47	24.62	24.48	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.52	24.61	24.52	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.48	24.59	24.46	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.43	24.61	24.51	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.53	24.54	24.46	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.50	24.63	24.48	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.50	24.59	24.46	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.44	24.58	24.53	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.51	24.55	24.55	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.49	24.53	24.47	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.51	24.56	24.54	26.0	0.0

PC3 Part27Q n77 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.21		23.0	0.0
100	PI/2 BPSK	1	137		21.19			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		21.10		23.0	0.0
100	PI/2 BPSK	135	69		21.18		23.0	0.0
100	PI/2 BPSK	135	138		21.23		23.0	0.0
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	1		21.30		23.0	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.16		23.0	0.0
100	QPSK	135	69		21.23		23.0	0.0
100	QPSK	135	138		21.20		23.0	0.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.27		23.0	0.0
100	64QAM	1	1		21.28		23.0	0.0
100	256QAM	1	1		19.54		21.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3498	3499.98	3504.99		
90	QPSK	1	1	21.14	21.22	21.12	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.18	21.18	21.05	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.18	21.15	21.03	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.09	21.12	21.08	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.17	21.12	21.09	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.10	21.12	21.05	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.10	21.13	21.03	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.12	21.18	21.14	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.22	21.08	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.12	21.14	21.10	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.15	21.19	21.06	23.0	0.0

PC2 Part27Q n77 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.20		26.0	0.0
100	PI/2 BPSK	1	137		24.12			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		23.91		25.5	0.5
100	PI/2 BPSK	135	69		24.22		26.0	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.5
100	PI/2 BPSK	270	0		23.80			
100	QPSK	1	1		24.39		26.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.43		25.0	1.0
100	QPSK	135	69		24.38		26.0	0.0
100	QPSK	135	138		23.23		25.0	1.0
100	QPSK	270	0		23.29			
100	16QAM	1	1		23.11		25.0	1.0
100	64QAM	1	1		21.63		23.5	2.5
100	256QAM	1	1		19.95		21.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.09	24.24	24.17	26.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.19	24.30	24.17	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.11	24.23	24.22	26.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.11	24.24	24.24	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.13	24.28	24.18	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.13	24.32	24.12	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.12	24.23	24.19	26.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.11	24.28	24.20	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.16	24.22	24.15	26.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.10	24.25	24.19	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.17	24.22	24.14	26.0	0.0

PC3 Part27O n78 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.19		23.0	0.0
100	PI/2 BPSK	1	137		21.31			
100	PI/2 BPSK	1	271		21.19			
100	PI/2 BPSK	135	0		21.09		23.0	0.0
100	PI/2 BPSK	135	69		21.20		23.0	0.0
100	PI/2 BPSK	135	138		21.30		23.0	0.0
100	PI/2 BPSK	270	0		21.17			
100	QPSK	1	1		21.33		23.0	0.0
100	QPSK	1	137		21.28			
100	QPSK	1	271		21.12			
100	QPSK	135	0		21.15		23.0	0.0
100	QPSK	135	69		21.31		23.0	0.0
100	QPSK	135	138		21.21		23.0	0.0
100	QPSK	270	0		21.29			
100	16QAM	1	1		21.27		23.0	0.0
100	64QAM	1	1		21.25		23.0	0.0
100	256QAM	1	1		20.54		22.5	0.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.26	21.30	21.19	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.20	21.22	21.28	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.19	21.22	21.27	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.17	21.30	21.25	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.19	21.24	21.26	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.30	21.14	21.19	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.15	21.25	21.22	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.30	21.20	21.19	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.21	21.17	21.16	23.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.18	21.22	21.13	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.16	21.24	21.26	23.0	0.0

PC2 Part27O n78 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.27		26.0	0.0
100	PI/2 BPSK	1	137		24.38			
100	PI/2 BPSK	1	271		24.43			
100	PI/2 BPSK	135	0		24.47		26.0	0.0
100	PI/2 BPSK	135	69		24.32		26.0	0.0
100	PI/2 BPSK	135	138		24.30		26.0	0.0
100	PI/2 BPSK	270	0		24.47			
100	QPSK	1	1		24.52		26.0	0.0
100	QPSK	1	137		24.23			
100	QPSK	1	271		24.29			
100	QPSK	135	0		24.40		26.0	0.0
100	QPSK	135	69		24.50		26.0	0.0
100	QPSK	135	138		24.45		26.0	0.0
100	QPSK	270	0		24.46			
100	16QAM	1	1		24.50		26.0	0.0
100	64QAM	1	1		22.55		24.5	1.5
100	256QAM	1	1		20.88		22.5	3.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.36	24.38	24.33	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.48	24.36	24.43	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.43	24.34	24.45	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.38	24.42	24.38	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.34	24.33	24.43	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.47	24.38	24.42	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.38	24.47	24.33	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.37	24.32	24.32	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.43	24.47	24.35	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.43	24.36	24.47	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.40	24.36	24.45	26.0	0.0

PC3 Part27Q n78 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.18		23.0	0.0
100	PI/2 BPSK	1	137		21.06			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		21.25		23.0	0.0
100	PI/2 BPSK	135	69		21.04		23.0	0.0
100	PI/2 BPSK	135	138		21.09		23.0	0.0
100	PI/2 BPSK	270	0		21.31			
100	QPSK	1	1		21.33		23.0	0.0
100	QPSK	1	137		21.29			
100	QPSK	1	271		21.11			
100	QPSK	135	0		21.22		23.0	0.0
100	QPSK	135	69		21.28		23.0	0.0
100	QPSK	135	138		21.22		23.0	0.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.13		23.0	0.0
100	64QAM	1	1		21.12		23.0	0.0
100	256QAM	1	1		20.59		22.5	0.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.11	21.21	21.04	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.08	21.24	21.04	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.12	21.24	21.06	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.10	21.23	21.06	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.05	21.21	21.06	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.10	21.21	21.03	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.13	21.21	21.01	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.02	21.23	21.05	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.03	21.13	21.06	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.04	21.15	21.08	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.07	21.22	21.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.22		26.0	0.0
100	PI/2 BPSK	1	137		24.11			
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		24.13		26.0	0.0
100	PI/2 BPSK	135	69		24.15		26.0	0.0
100	PI/2 BPSK	135	138		24.21		26.0	0.0
100	PI/2 BPSK	270	0		24.24			
100	QPSK	1	1		24.36		26.0	0.0
100	QPSK	1	137		24.19			
100	QPSK	1	271		24.33			
100	QPSK	135	0		24.19		26.0	0.0
100	QPSK	135	69		24.33		26.0	0.0
100	QPSK	135	138		24.31		26.0	0.0
100	QPSK	270	0		24.27			
100	16QAM	1	1		24.13		26.0	0.0
100	64QAM	1	1		23.01		24.5	1.5
100	256QAM	1	1		20.82		22.5	3.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.11	24.25	24.07	26.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.06	24.21	24.04	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.11	24.22	24.03	26.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.08	24.24	24.05	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.11	24.23	24.05	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.11	24.23	24.07	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.06	24.22	24.07	26.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.05	24.20	24.02	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.08	24.22	24.01	26.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.10	24.22	24.05	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.09	24.22	24.07	26.0	0.0

Reduced Power Mode for Main PA ECI 5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.84	24.03	23.92	25.7	0.0
20	PI/2 BPSK	1	53	24.00	24.18	24.01		
20	PI/2 BPSK	1	104	24.02	24.18	24.00		
20	PI/2 BPSK	50	0	23.37	23.59	23.46	25.2	0.5
20	PI/2 BPSK	50	28	23.99	24.04	23.97	25.7	0.0
20	PI/2 BPSK	50	56	23.51	23.59	23.48	25.2	0.5
20	PI/2 BPSK	100	0	23.48	23.62	23.43		
20	QPSK	1	1	25.17	25.24	25.12	25.7	0.0
20	QPSK	1	53	25.05	25.18	25.08		
20	QPSK	1	104	25.02	25.11	24.99		
20	QPSK	50	0	23.92	24.07	23.85	24.7	1.0
20	QPSK	50	28	24.91	24.98	24.80	25.7	0.0
20	QPSK	50	56	23.89	24.03	23.98	24.7	1.0
20	QPSK	100	0	23.91	24.02	24.00		
20	16QAM	1	1	24.11	24.26	24.04	24.7	1.0
20	64QAM	1	1	22.47	22.49	22.45	23.2	2.5
20	256QAM	1	1	20.36	20.56	20.39	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.02	25.18	25.14	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.03	25.15	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.05	25.12	25.08	25.7	0.0

n12 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.61	24.71	24.68	25.5	0.0
15	PI/2 BPSK	1	40	24.59	24.69	24.56		
15	PI/2 BPSK	1	77	24.62	24.66	24.63		
15	PI/2 BPSK	36	0	24.27	24.25	24.22	25.0	0.5
15	PI/2 BPSK	36	22	24.69	24.65	24.57	25.5	0.0
15	PI/2 BPSK	36	43	24.19	24.26	24.12	25.0	0.5
15	PI/2 BPSK	75	0	24.20	24.18	24.13		
15	QPSK	1	1	24.66	24.76	24.64	25.5	0.0
15	QPSK	1	40	24.61	24.70	24.63		
15	QPSK	1	77	24.68	24.65	24.66		
15	QPSK	36	0	23.69	23.76	23.73	24.5	1.0
15	QPSK	36	22	24.54	24.72	24.48	25.5	0.0
15	QPSK	36	43	23.61	23.66	23.59	24.5	1.0
15	QPSK	75	0	23.71	23.74	23.72		
15	16QAM	1	1	23.85	23.88	23.86	24.5	1.0
15	64QAM	1	1	22.02	22.14	22.04	23.0	2.5
15	256QAM	1	1	20.02	20.06	19.96	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.51	24.63	24.46	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.39	24.42	24.31	25.5	0.0

n26 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.95	24.11	23.84	25.7	0.0
20	PI/2 BPSK	1	53	24.02	24.18	24.05		
20	PI/2 BPSK	1	104	24.16	24.24	24.04		
20	PI/2 BPSK	50	0	23.52	23.62	23.44	25.2	0.5
20	PI/2 BPSK	50	28	24.11	24.09	24.02	25.7	0.0
20	PI/2 BPSK	50	56	23.53	23.71	23.46	25.2	0.5
20	PI/2 BPSK	100	0	23.59	23.64	23.46		
20	QPSK	1	1	25.18	25.25	25.06	25.7	0.0
20	QPSK	1	53	25.10	25.19	25.01		
20	QPSK	1	104	25.08	25.20	25.02		
20	QPSK	50	0	23.99	24.12	23.96	24.7	1.0
20	QPSK	50	28	24.92	24.97	24.83	25.7	0.0
20	QPSK	50	56	24.04	24.14	23.97	24.7	1.0
20	QPSK	100	0	24.02	24.11	24.01		
20	16QAM	1	1	24.11	24.21	24.04	24.7	1.0
20	64QAM	1	1	22.39	22.41	22.30	23.2	2.5
20	256QAM	1	1	20.32	20.44	20.27	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.91	25.02	24.93	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.93	25.09	24.89	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.87	24.96	24.81	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.07	24.18	23.98	25.0	0.0
20	PI/2 BPSK	1	53	24.09	24.25	24.12		
20	PI/2 BPSK	1	104	24.04	24.21	23.97		
20	PI/2 BPSK	50	0	23.54	23.58	23.45	24.5	0.5
20	PI/2 BPSK	50	28	24.07	24.30	24.12	25.0	0.0
20	PI/2 BPSK	50	56	23.58	23.66	23.61	24.5	0.5
20	PI/2 BPSK	100	0	23.56	23.74	23.49		
20	QPSK	1	1	24.30	24.37	24.20	25.0	0.0
20	QPSK	1	53	24.14	24.17	24.10		
20	QPSK	1	104	24.03	24.15	23.91		
20	QPSK	50	0	23.01	23.14	22.92	24.0	1.0
20	QPSK	50	28	24.03	24.14	23.94	25.0	0.0
20	QPSK	50	56	23.12	23.13	22.95	24.0	1.0
20	QPSK	100	0	23.02	23.09	23.05		
20	16QAM	1	1	23.23	23.36	23.26	24.0	1.0
20	64QAM	1	1	21.45	21.49	21.42	22.5	2.5
20	256QAM	1	1	19.41	19.46	19.34	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.21	24.36	24.16	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.06	24.19	24.12	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.09	24.22	24.16	25.0	0.0

n5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.28	20.38	20.21	20.7	0.0
20	PI/2 BPSK	1	53	20.33	20.38	20.26		
20	PI/2 BPSK	1	104	20.35	20.44	20.15		
20	PI/2 BPSK	50	0	20.27	20.34	20.16	20.7	0.0
20	PI/2 BPSK	50	28	20.31	20.34	20.17	20.7	0.0
20	PI/2 BPSK	50	56	20.25	20.39	20.17	20.7	0.0
20	PI/2 BPSK	100	0	20.25	20.40	20.19		
20	QPSK	1	1	20.25	20.45	20.27	20.7	0.0
20	QPSK	1	53	20.33	20.36	20.18		
20	QPSK	1	104	20.34	20.35	20.20		
20	QPSK	50	0	20.26	20.38	20.27	20.7	0.0
20	QPSK	50	28	20.30	20.42	20.17	20.7	0.0
20	QPSK	50	56	20.26	20.41	20.16	20.7	0.0
20	QPSK	100	0	20.28	20.35	20.23		
20	16QAM	1	1	20.34	20.44	20.21	20.7	0.0
20	64QAM	1	1	20.20	20.22	20.31	20.7	0.0
20	256QAM	1	1	20.36	20.33	20.29	20.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.03	20.35	20.22	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.13	20.39	20.15	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.11	20.30	20.07	20.7	0.0

n12 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	21.65	21.63	21.53	22.7	0.0
15	PI/2 BPSK	1	40	21.45	21.54	21.45		
15	PI/2 BPSK	1	77	21.41	21.48	21.42		
15	PI/2 BPSK	36	0	21.60	21.64	21.49	22.7	0.0
15	PI/2 BPSK	36	22	21.45	21.59	21.53	22.7	0.0
15	PI/2 BPSK	36	43	21.38	21.55	21.49	22.7	0.0
15	PI/2 BPSK	75	0	21.51	21.54	21.54		
15	QPSK	1	1	21.70	21.76	21.70	22.7	0.0
15	QPSK	1	40	21.60	21.73	21.59		
15	QPSK	1	77	21.60	21.70	21.58		
15	QPSK	36	0	21.32	21.45	21.36	22.7	0.0
15	QPSK	36	22	21.59	21.66	21.58	22.7	0.0
15	QPSK	36	43	21.36	21.28	21.22	22.7	0.0
15	QPSK	75	0	21.29	21.44	21.37		
15	16QAM	1	1	21.36	21.54	21.33	22.7	0.0
15	64QAM	1	1	21.38	21.50	21.39	22.7	0.0
	256QAM	1	1	19.79	19.88	19.82	21.2	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	21.55	21.64	21.62	22.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.62	21.67	21.62	22.7	0.0

n26 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.34	21.39	21.34	21.7	0.0
20	PI/2 BPSK	1	53	21.46	21.27	21.43		
20	PI/2 BPSK	1	104	21.43	21.46	21.34		
20	PI/2 BPSK	50	0	21.42	21.31	21.29	21.7	0.0
20	PI/2 BPSK	50	28	21.41	21.36	21.43	21.7	0.0
20	PI/2 BPSK	50	56	21.43	21.41	21.37	21.7	0.0
20	PI/2 BPSK	100	0	21.27	21.41	21.36		
20	QPSK	1	1	21.45	21.49	21.43	21.7	0.0
20	QPSK	1	53	21.43	21.28	21.29		
20	QPSK	1	104	21.47	21.27	21.31		
20	QPSK	50	0	21.40	21.32	21.36	21.7	0.0
20	QPSK	50	28	21.40	21.47	21.43	21.7	0.0
20	QPSK	50	56	21.38	21.29	21.44	21.7	0.0
20	QPSK	100	0	21.33	21.42	21.36		
20	16QAM	1	1	21.34	21.35	21.36	21.7	0.0
20	64QAM	1	1	21.43	21.43	21.36	21.7	0.0
20	256QAM	1	1	20.42	20.55	20.43	21.2	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.33	21.40	21.39	21.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.37	21.33	21.24	21.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.28	21.47	21.36	21.7	0.0

n71 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.24	21.24	21.14	22.5	0.0
20	PI/2 BPSK	1	53	21.11	21.17	21.03		
20	PI/2 BPSK	1	104	21.04	21.10	20.93		
20	PI/2 BPSK	50	0	21.20	21.31	21.12	22.5	0.0
20	PI/2 BPSK	50	28	20.99	21.15	21.04	22.5	0.0
20	PI/2 BPSK	50	56	20.99	21.19	21.04	22.5	0.0
20	PI/2 BPSK	100	0	21.10	21.09	21.13		
20	QPSK	1	1	21.25	21.33	21.25	22.5	0.0
20	QPSK	1	53	21.09	21.25	21.20		
20	QPSK	1	104	21.15	21.31	21.22		
20	QPSK	50	0	20.95	20.94	20.94	22.5	0.0
20	QPSK	50	28	21.15	21.21	21.18	22.5	0.0
20	QPSK	50	56	20.89	20.95	20.83	22.5	0.0
20	QPSK	100	0	20.87	20.99	20.85		
20	16QAM	1	1	20.97	21.08	20.94	22.5	0.0
20	64QAM	1	1	20.95	21.01	20.95	22.5	0.0
20	256QAM	1	1	19.58	19.58	19.43	21.0	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.19	21.21	21.16	22.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.17	21.18	21.18	22.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.13	21.19	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.49	17.56	17.42	18.5	0.0
20	PI/2 BPSK	1	53	17.37	17.48	17.35		
20	PI/2 BPSK	1	104	17.38	17.47	17.26		
20	PI/2 BPSK	50	0	17.49	17.58	17.34	18.5	0.0
20	PI/2 BPSK	50	28	17.32	17.49	17.32	18.5	0.0
20	PI/2 BPSK	50	56	17.29	17.51	17.34	18.5	0.0
20	PI/2 BPSK	100	0	17.33	17.37	17.41		
20	QPSK	1	1	17.59	17.64	17.61	18.5	0.0
20	QPSK	1	53	17.44	17.61	17.52		
20	QPSK	1	104	17.50	17.59	17.45		
20	QPSK	50	0	17.25	17.29	17.25	18.5	0.0
20	QPSK	50	28	17.51	17.61	17.42	18.5	0.0
20	QPSK	50	56	17.21	17.20	17.11	18.5	0.0
20	QPSK	100	0	17.27	17.32	17.17		
20	16QAM	1	1	17.34	17.35	17.26	18.5	0.0
20	64QAM	1	1	17.19	17.20	17.12	18.5	0.0
20	256QAM	1	1	17.04	17.14	17.03	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.45	17.50	17.54	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.46	17.44	17.57	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.51	17.61	17.40	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.12	18.13	18.00	18.7	0.0
50	PI/2 BPSK	1	135	17.96	18.00	17.96		
50	PI/2 BPSK	1	268	17.93	17.94	17.83		
50	PI/2 BPSK	135	0	18.07	18.17	17.93	18.7	0.0
50	PI/2 BPSK	135	68	17.88	18.02	17.93	18.7	0.0
50	PI/2 BPSK	135	135	17.93	18.01	17.94	18.7	0.0
50	PI/2 BPSK	270	0	17.90	17.95	17.96		
50	QPSK	1	1	18.12	18.28	18.11	18.7	0.0
50	QPSK	1	135	18.01	18.11	18.08		
50	QPSK	1	268	18.03	18.17	17.99		
50	QPSK	135	0	17.80	17.88	17.81	18.7	0.0
50	QPSK	135	68	18.08	18.09	17.97	18.7	0.0
50	QPSK	135	135	17.83	17.74	17.63	18.7	0.0
50	QPSK	270	0	17.79	17.88	17.72		
50	16QAM	1	1	17.84	17.93	17.86	18.7	0.0
50	64QAM	1	1	17.87	17.89	17.76	18.7	0.0
50	256QAM	1	1	17.89	17.93	17.82	18.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.06	18.20	17.98	18.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.07	18.22	18.00	18.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.98	18.15	17.96	18.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.00	18.21	17.96	18.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.96	18.17	17.96	18.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.06	18.15	17.99	18.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.98	18.14	18.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.07	18.00	17.89	19.0	0.0
40	PI/2 BPSK	1	108	17.92	17.97	17.79		
40	PI/2 BPSK	1	214	17.84	17.96	17.78		
40	PI/2 BPSK	108	0	18.02	18.07	17.82	19.0	0.0
40	PI/2 BPSK	108	54	17.81	17.91	17.92	19.0	0.0
40	PI/2 BPSK	108	108	17.82	17.93	17.78	19.0	0.0
40	PI/2 BPSK	216	0	17.86	17.87	17.86		
40	QPSK	1	1	18.04	18.16	18.14	19.0	0.0
40	QPSK	1	108	17.90	18.07	18.04		
40	QPSK	1	214	17.88	18.04	18.02		
40	QPSK	108	0	17.71	17.83	17.75	19.0	0.0
40	QPSK	108	54	17.93	18.08	17.97	19.0	0.0
40	QPSK	108	108	17.67	17.66	17.61	19.0	0.0
40	QPSK	216	0	17.73	17.86	17.72		
40	16QAM	1	1	17.83	17.93	17.76	19.0	0.0
40	64QAM	1	1	17.72	17.81	17.65	19.0	0.0
40	256QAM	1	1	17.76	17.82	17.79	19.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.86	18.05	17.93	19.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.96	18.12	18.03	19.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.89	18.04	18.05	19.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.97	18.06	17.93	19.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.93	18.07	17.94	19.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.94	17.94	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.67	18.74	18.56	19.2	0.0
40	PI/2 BPSK	1	108	18.52	18.55	18.51		
40	PI/2 BPSK	1	214	18.55	18.60	18.36		
40	PI/2 BPSK	108	0	18.66	18.77	18.50	19.2	0.0
40	PI/2 BPSK	108	54	18.54	18.59	18.50	19.2	0.0
40	PI/2 BPSK	108	108	18.49	18.64	18.46	19.2	0.0
40	PI/2 BPSK	216	0	18.52	18.55	18.57		
40	QPSK	1	1	18.70	18.85	18.79	19.2	0.0
40	QPSK	1	108	18.54	18.70	18.68		
40	QPSK	1	214	18.58	18.71	18.63		
40	QPSK	108	0	18.32	18.40	18.39	19.2	0.0
40	QPSK	108	54	18.57	18.74	18.60	19.2	0.0
40	QPSK	108	108	18.40	18.35	18.23	19.2	0.0
40	QPSK	216	0	18.30	18.52	18.30		
40	16QAM	1	1	18.41	18.60	18.42	19.2	0.0
40	64QAM	1	1	18.42	18.48	18.36	19.2	0.0
40	256QAM	1	1	18.51	18.48	18.38	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.54	18.63	18.61	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.59	18.67	18.62	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.67	18.82	18.70	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.60	18.75	18.72	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.51	18.80	18.63	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.63	18.76	18.61	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.66	17.68	17.53	18.2	0.0
40	PI/2 BPSK	1	53	17.49	17.57	17.38		
40	PI/2 BPSK	1	104	17.43	17.57	17.34		
40	PI/2 BPSK	50	0	17.67	17.67	17.51	18.2	0.0
40	PI/2 BPSK	50	28	17.46	17.59	17.48	18.2	0.0
40	PI/2 BPSK	50	56	17.39	17.55	17.41	18.2	0.0
40	PI/2 BPSK	100	0	17.48	17.48	17.46		
40	QPSK	1	1	17.62	17.69	17.66	18.2	0.0
40	QPSK	1	53	17.53	17.68	17.64		
40	QPSK	1	104	17.47	17.65	17.57		
40	QPSK	50	0	17.34	17.34	17.28	18.2	0.0
40	QPSK	50	28	17.56	17.69	17.50	18.2	0.0
40	QPSK	50	56	17.35	17.34	17.14	18.2	0.0
40	QPSK	100	0	17.28	17.39	17.23		
40	16QAM	1	1	17.36	17.44	17.42	18.2	0.0
40	64QAM	1	1	17.38	17.48	17.31	18.2	0.0
40	256QAM	1	1	17.42	17.51	17.31	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.53	17.60	17.55	18.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.51	17.59	17.51	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.50	17.63	17.58	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.55	17.61	17.57	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.56	17.59	17.55	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.84	16.80	16.74	17.5	0.0
100	PI/2 BPSK	1	137	16.62	16.65	16.63		
100	PI/2 BPSK	1	271	16.57	16.67	16.58		
100	PI/2 BPSK	135	0	16.74	16.83	16.58	17.5	0.0
100	PI/2 BPSK	135	69	16.62	16.67	16.58	17.5	0.0
100	PI/2 BPSK	135	138	16.62	16.66	16.61	17.5	0.0
100	PI/2 BPSK	270	0	16.62	16.70	16.70		
100	QPSK	1	1	16.88	16.93	16.85	17.5	0.0
100	QPSK	1	137	16.71	16.80	16.77		
100	QPSK	1	271	16.76	16.81	16.75		
100	QPSK	135	0	16.52	16.53	16.56	17.5	0.0
100	QPSK	135	69	16.71	16.80	16.72	17.5	0.0
100	QPSK	135	138	16.45	16.55	16.38	17.5	0.0
100	QPSK	270	0	16.45	16.66	16.48		
100	16QAM	1	1	16.58	16.63	16.50	17.5	0.0
100	64QAM	1	1	16.57	16.61	16.47	17.5	0.0
100	256QAM	1	1	16.58	16.61	16.56	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.76	16.81	16.78	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.76	16.80	16.79	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.78	16.85	16.77	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.75	16.80	16.80	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.77	16.85	16.70	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.76	16.84	16.72	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.80	16.82	16.76	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.81	16.86	16.81	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.81	16.83	16.72	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.68	19.69	19.53	20.5	0.0
100	PI/2 BPSK	1	137	19.54	19.58	19.39		
100	PI/2 BPSK	1	271	19.44	19.57	19.34		
100	PI/2 BPSK	135	0	19.64	19.74	19.53	20.5	0.0
100	PI/2 BPSK	135	69	19.41	19.52	19.47	20.5	0.0
100	PI/2 BPSK	135	138	19.39	19.60	19.37	20.5	0.0
100	PI/2 BPSK	270	0	19.48	19.50	19.48		
100	QPSK	1	1	19.64	19.75	19.67	20.5	0.0
100	QPSK	1	137	19.56	19.64	19.63		
100	QPSK	1	271	19.56	19.69	19.61		
100	QPSK	135	0	19.34	19.40	19.34	20.5	0.0
100	QPSK	135	69	19.53	19.67	19.52	20.5	0.0
100	QPSK	135	138	19.33	19.33	19.23	20.5	0.0
100	QPSK	270	0	19.28	19.39	19.26		
100	16QAM	1	1	19.33	19.47	19.32	20.5	0.0
100	64QAM	1	1	19.32	19.50	19.36	20.5	0.0
100	256QAM	1	1	19.45	19.50	19.41	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.51	19.63	19.58	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.58	19.67	19.54	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.57	19.58	19.53	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.58	19.66	19.63	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.56	19.63	19.62	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.53	19.61	19.53	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.49	19.60	19.55	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.53	19.59	19.58	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.56	19.58	19.56	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.66	16.61	16.53	18.2	0.0
20	PI/2 BPSK	1	53	16.48	16.57	16.44		
20	PI/2 BPSK	1	104	16.48	16.52	16.31		
20	PI/2 BPSK	50	0	16.59	16.74	16.47	18.2	0.0
20	PI/2 BPSK	50	28	16.38	16.49	16.53	18.2	0.0
20	PI/2 BPSK	50	56	16.42	16.60	16.48	18.2	0.0
20	PI/2 BPSK	100	0	16.51	16.53	16.47		
20	QPSK	1	1	16.71	16.79	16.75	18.2	0.0
20	QPSK	1	53	16.54	16.67	16.54		
20	QPSK	1	104	16.57	16.68	16.62		
20	QPSK	50	0	16.35	16.44	16.32	18.2	0.0
20	QPSK	50	28	16.61	16.63	16.49	18.2	0.0
20	QPSK	50	56	16.30	16.35	16.22	18.2	0.0
20	QPSK	100	0	16.29	16.42	16.33		
20	16QAM	1	1	16.37	16.46	16.43	18.2	0.0
20	64QAM	1	1	16.33	16.49	16.32	18.2	0.0
20	256QAM	1	1	16.37	16.49	16.38	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.60	16.67	16.68	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.62	16.64	16.61	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.55	16.66	16.60	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.10	16.14	16.11	17.2	0.0
50	PI/2 BPSK	1	135	15.95	16.06	15.96		
50	PI/2 BPSK	1	268	16.00	16.06	15.86		
50	PI/2 BPSK	135	0	16.17	16.20	15.96	17.2	0.0
50	PI/2 BPSK	135	68	15.98	16.03	15.99	17.2	0.0
50	PI/2 BPSK	135	135	15.92	16.03	15.89	17.2	0.0
50	PI/2 BPSK	270	0	15.92	16.04	16.01		
50	QPSK	1	1	16.21	16.29	16.19	17.2	0.0
50	QPSK	1	135	16.05	16.17	16.14		
50	QPSK	1	268	16.02	16.16	16.10		
50	QPSK	135	0	15.79	15.86	15.93	17.2	0.0
50	QPSK	135	68	16.08	16.14	16.02	17.2	0.0
50	QPSK	135	135	15.84	15.84	15.73	17.2	0.0
50	QPSK	270	0	15.77	15.94	15.85		
50	16QAM	1	1	15.92	15.99	15.84	17.2	0.0
50	64QAM	1	1	15.84	16.01	15.79	17.2	0.0
50	256QAM	1	1	15.90	16.04	15.87	17.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.16	16.23	16.15	17.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.08	16.19	16.15	17.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.08	16.17	16.12	17.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.11	16.18	16.13	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.06	16.18	16.13	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.10	16.21	16.06	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.14	16.18	16.06	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.87	16.86	16.77	18.2	0.0
40	PI/2 BPSK	1	108	16.70	16.68	16.62		
40	PI/2 BPSK	1	214	16.60	16.67	16.53		
40	PI/2 BPSK	108	0	16.83	16.88	16.72	18.2	0.0
40	PI/2 BPSK	108	54	16.69	16.79	16.61	18.2	0.0
40	PI/2 BPSK	108	108	16.61	16.71	16.57	18.2	0.0
40	PI/2 BPSK	216	0	16.61	16.76	16.70		
40	QPSK	1	1	16.85	16.95	16.85	18.2	0.0
40	QPSK	1	108	16.69	16.85	16.84		
40	QPSK	1	214	16.68	16.82	16.75		
40	QPSK	108	0	16.49	16.56	16.59	18.2	0.0
40	QPSK	108	54	16.74	16.85	16.76	18.2	0.0
40	QPSK	108	108	16.50	16.47	16.37	18.2	0.0
40	QPSK	216	0	16.50	16.66	16.54		
40	16QAM	1	1	16.58	16.76	16.61	18.2	0.0
40	64QAM	1	1	16.61	16.64	16.47	18.2	0.0
40	256QAM	1	1	16.56	16.67	16.57	18.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.81	16.88	16.67	18.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.73	16.79	16.72	18.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.74	16.85	16.76	18.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.71	16.82	16.70	18.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.76	16.84	16.67	18.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.72	16.83	16.71	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.91	16.93	16.87	17.7	0.0
40	PI/2 BPSK	1	108	16.81	16.81	16.73		
40	PI/2 BPSK	1	214	16.79	16.78	16.66		
40	PI/2 BPSK	108	0	16.94	17.03	16.80	17.7	0.0
40	PI/2 BPSK	108	54	16.75	16.84	16.72	17.7	0.0
40	PI/2 BPSK	108	108	16.65	16.81	16.68	17.7	0.0
40	PI/2 BPSK	216	0	16.69	16.82	16.76		
40	QPSK	1	1	16.99	17.04	17.03	17.7	0.0
40	QPSK	1	108	16.85	16.95	16.93		
40	QPSK	1	214	16.84	16.97	16.79		
40	QPSK	108	0	16.54	16.70	16.65	17.7	0.0
40	QPSK	108	54	16.83	16.87	16.79	17.7	0.0
40	QPSK	108	108	16.64	16.63	16.43	17.7	0.0
40	QPSK	216	0	16.62	16.69	16.63		
40	16QAM	1	1	16.68	16.00	16.72	17.7	0.0
40	64QAM	1	1	16.67	16.74	16.58	17.7	0.0
40	256QAM	1	1	16.64	16.70	16.64	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.86	16.89	16.98	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.84	16.93	16.99	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.94	16.88	16.89	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.91	16.92	16.93	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.86	16.92	16.91	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.88	16.95	16.93	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.14	16.14	16.04	17.2	0.0
40	PI/2 BPSK	1	53	16.01	16.02	15.93		
40	PI/2 BPSK	1	104	15.96	16.10	15.82		
40	PI/2 BPSK	50	0	16.18	16.20	15.99	17.2	0.0
40	PI/2 BPSK	50	28	15.94	16.04	15.93	17.2	0.0
40	PI/2 BPSK	50	56	15.87	16.09	15.96	17.2	0.0
40	PI/2 BPSK	100	0	15.92	16.01	15.96		
40	QPSK	1	1	16.21	16.24	16.15	17.2	0.0
40	QPSK	1	53	16.01	16.16	16.15		
40	QPSK	1	104	16.08	16.17	16.12		
40	QPSK	50	0	15.83	15.91	15.82	17.2	0.0
40	QPSK	50	28	16.01	16.13	16.09	17.2	0.0
40	QPSK	50	56	15.82	15.80	15.73	17.2	0.0
40	QPSK	100	0	15.76	15.91	15.82		
40	16QAM	1	1	15.92	15.97	15.84	17.2	0.0
40	64QAM	1	1	15.86	15.92	15.85	17.2	0.0
40	256QAM	1	1	15.96	16.00	15.89	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.04	16.11	16.05	17.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.11	16.18	16.10	17.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.06	16.11	16.01	17.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.09	16.10	16.00	17.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.12	16.16	16.03	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.60	15.60	15.50	17.0	0.0
100	PI/2 BPSK	1	137	15.39	15.52	15.38		
100	PI/2 BPSK	1	271	15.37	15.50	15.31		
100	PI/2 BPSK	135	0	15.52	15.61	15.48	17.0	0.0
100	PI/2 BPSK	135	69	15.43	15.55	15.44	17.0	0.0
100	PI/2 BPSK	135	138	15.34	15.49	15.38	17.0	0.0
100	PI/2 BPSK	270	0	15.44	15.53	15.41		
100	QPSK	1	1	15.59	15.67	15.61	17.0	0.0
100	QPSK	1	137	15.54	15.60	15.55		
100	QPSK	1	271	15.46	15.60	15.58		
100	QPSK	135	0	15.30	15.37	15.32	17.0	0.0
100	QPSK	135	69	15.46	15.56	15.44	17.0	0.0
100	QPSK	135	138	15.23	15.27	15.17	17.0	0.0
100	QPSK	270	0	15.32	15.39	15.27		
100	16QAM	1	1	15.31	15.42	15.28	17.0	0.0
100	64QAM	1	1	15.38	15.46	15.27	17.0	0.0
100	256QAM	1	1	15.34	15.47	15.37	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.50	15.62	15.47	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.50	15.57	15.55	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.44	15.55	15.45	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.51	15.60	15.56	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.54	15.62	15.52	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.43	15.58	15.52	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.49	15.54	15.48	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.52	15.59	15.56	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.54	15.58	15.50	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.65	18.66	18.47	20.0	0.0
100	PI/2 BPSK	1	137	18.45	18.55	18.39		
100	PI/2 BPSK	1	271	18.43	18.55	18.36		
100	PI/2 BPSK	135	0	18.59	18.63	18.49	20.0	0.0
100	PI/2 BPSK	135	69	18.45	18.48	18.44	20.0	0.0
100	PI/2 BPSK	135	138	18.33	18.48	18.43	20.0	0.0
100	PI/2 BPSK	270	0	18.48	18.53	18.43		
100	QPSK	1	1	18.65	18.72	18.67	20.0	0.0
100	QPSK	1	137	18.48	18.65	18.59		
100	QPSK	1	271	18.47	18.69	18.53		
100	QPSK	135	0	18.33	18.32	18.37	20.0	0.0
100	QPSK	135	69	18.49	18.60	18.48	20.0	0.0
100	QPSK	135	138	18.30	18.26	18.21	20.0	0.0
100	QPSK	270	0	18.28	18.44	18.24		
100	16QAM	1	1	18.36	18.48	18.32	20.0	0.0
100	64QAM	1	1	18.33	18.46	18.28	20.0	0.0
100	256QAM	1	1	18.41	18.47	18.34	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.52	18.66	18.62	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.59	18.60	18.60	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.51	18.65	18.61	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.53	18.58	18.61	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.51	18.60	18.53	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.59	18.61	18.61	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.50	18.67	18.53	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.58	18.65	18.57	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.57	18.62	18.51	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.96	18.91	18.86	20.5	0.0
20	PI/2 BPSK	1	53	18.75	18.79	18.73		
20	PI/2 BPSK	1	104	18.73	18.81	18.66		
20	PI/2 BPSK	50	0	18.92	19.02	18.78	20.5	0.0
20	PI/2 BPSK	50	28	18.80	18.82	18.73	20.5	0.0
20	PI/2 BPSK	50	56	18.71	18.89	18.79	20.5	0.0
20	PI/2 BPSK	100	0	18.77	18.81	18.74		
20	QPSK	1	1	18.93	19.05	19.04	20.5	0.0
20	QPSK	1	53	18.82	19.01	18.85		
20	QPSK	1	104	18.80	18.98	18.85		
20	QPSK	50	0	18.61	18.68	18.62	20.5	0.0
20	QPSK	50	28	18.91	19.00	18.82	20.5	0.0
20	QPSK	50	56	18.81	18.84	18.85	20.5	0.0
20	QPSK	100	0	18.61	18.90	18.65		
20	16QAM	1	1	18.68	18.83	18.73	20.5	0.0
20	64QAM	1	1	18.64	18.74	18.58	20.5	0.0
20	256QAM	1	1	19.01	19.03	19.01	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.74	18.98	18.86	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.84	18.92	18.98	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.71	18.96	18.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.61	20.63	20.48	21.7	0.0
50	PI/2 BPSK	1	135	20.46	20.57	20.40		
50	PI/2 BPSK	1	268	20.50	20.54	20.41		
50	PI/2 BPSK	135	0	20.64	20.64	20.49	21.7	0.0
50	PI/2 BPSK	135	68	20.40	20.53	20.42	21.7	0.0
50	PI/2 BPSK	135	135	20.35	20.59	20.44	21.7	0.0
50	PI/2 BPSK	270	0	20.42	20.57	20.48		
50	QPSK	1	1	20.69	20.75	20.70	21.7	0.0
50	QPSK	1	135	20.48	20.62	20.66		
50	QPSK	1	268	20.57	20.66	20.60		
50	QPSK	135	0	20.34	20.43	20.39	21.7	0.0
50	QPSK	135	68	20.50	20.66	20.57	21.7	0.0
50	QPSK	135	135	20.34	20.38	20.14	21.7	0.0
50	QPSK	270	0	20.34	20.44	20.27		
50	16QAM	1	1	20.43	20.49	20.33	21.7	0.0
50	64QAM	1	1	20.42	20.43	20.31	21.7	0.0
50	256QAM	1	1	19.58	19.66	19.65	21.2	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.59	20.61	21.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.49	20.73	20.68	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.55	20.64	20.55	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.55	20.63	20.55	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.63	20.65	20.60	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.62	20.49	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.59	20.71	20.66	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.63	19.62	19.46	21.0	0.0
40	PI/2 BPSK	1	108	19.42	19.45	19.38		
40	PI/2 BPSK	1	214	19.48	19.55	19.28		
40	PI/2 BPSK	108	0	19.55	19.65	19.46	21.0	0.0
40	PI/2 BPSK	108	54	19.39	19.48	19.42	21.0	0.0
40	PI/2 BPSK	108	108	19.43	19.50	19.38	21.0	0.0
40	PI/2 BPSK	216	0	19.40	19.47	19.50		
40	QPSK	1	1	19.64	19.76	19.68	21.0	0.0
40	QPSK	1	108	19.48	19.61	19.63		
40	QPSK	1	214	19.45	19.67	19.60		
40	QPSK	108	0	19.30	19.33	19.27	21.0	0.0
40	QPSK	108	54	19.53	19.61	19.57	21.0	0.0
40	QPSK	108	108	19.29	19.32	19.22	21.0	0.0
40	QPSK	216	0	19.26	19.34	19.28		
40	16QAM	1	1	19.34	19.52	19.38	21.0	0.0
40	64QAM	1	1	19.28	19.41	19.33	21.0	0.0
40	256QAM	1	1	19.15	19.15	19.09	21.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.61	19.51	21.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.57	19.64	19.55	21.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.60	19.74	19.54	21.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.53	19.63	19.50	21.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.44	19.64	19.62	21.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.50	19.65	19.47	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.13	19.03	18.99	20.2	0.0
40	PI/2 BPSK	1	108	19.02	19.07	18.97		
40	PI/2 BPSK	1	214	19.00	19.01	18.92		
40	PI/2 BPSK	108	0	19.12	19.15	18.97	20.2	0.0
40	PI/2 BPSK	108	54	19.01	19.10	19.02	20.2	0.0
40	PI/2 BPSK	108	108	18.92	19.05	18.89	20.2	0.0
40	PI/2 BPSK	216	0	19.02	19.08	19.05		
40	QPSK	1	1	19.21	19.23	19.20	20.2	0.0
40	QPSK	1	108	19.00	19.14	19.14		
40	QPSK	1	214	19.03	19.16	19.07		
40	QPSK	108	0	18.78	18.92	18.85	20.2	0.0
40	QPSK	108	54	19.09	19.12	19.05	20.2	0.0
40	QPSK	108	108	18.80	18.88	18.70	20.2	0.0
40	QPSK	216	0	18.78	18.99	18.77		
40	16QAM	1	1	18.88	19.03	18.95	20.2	0.0
40	64QAM	1	1	18.82	18.91	18.79	20.2	0.0
40	256QAM	1	1	18.95	19.03	18.94	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.02	19.21	19.15	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.09	19.06	18.99	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.04	19.06	19.09	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.00	19.09	19.04	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.11	19.02	19.12	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.04	19.15	19.02	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.16	19.15	19.06	20.2	0.0
40	PI/2 BPSK	1	53	19.01	18.98	19.00		
40	PI/2 BPSK	1	104	18.92	19.05	18.85		
40	PI/2 BPSK	50	0	19.13	19.22	19.00	20.2	0.0
40	PI/2 BPSK	50	28	18.97	19.08	19.02	20.2	0.0
40	PI/2 BPSK	50	56	18.94	19.02	18.91	20.2	0.0
40	PI/2 BPSK	100	0	18.97	19.06	19.01		
40	QPSK	1	1	19.11	19.25	19.24	20.2	0.0
40	QPSK	1	53	18.98	19.15	19.07		
40	QPSK	1	104	19.02	19.17	19.12		
40	QPSK	50	0	18.75	18.90	18.84	20.2	0.0
40	QPSK	50	28	19.09	19.12	19.09	20.2	0.0
40	QPSK	50	56	18.81	18.85	18.72	20.2	0.0
40	QPSK	100	0	18.81	18.89	18.75		
40	16QAM	1	1	18.91	18.98	18.90	20.2	0.0
40	64QAM	1	1	18.84	18.99	18.81	20.2	0.0
40	256QAM	1	1	18.63	18.75	18.69	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.95	19.23	19.04	20.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.01	19.14	19.13	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.02	19.11	19.05	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.08	19.21	19.06	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.98	19.05	19.11	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.79	18.81	18.67	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.67	18.57		
100	PI/2 BPSK	1	271	18.68	18.69	18.59		
100	PI/2 BPSK	135	0	18.81	18.83	18.69	20.0	0.0
100	PI/2 BPSK	135	69	18.60	18.76	18.62	20.0	0.0
100	PI/2 BPSK	135	138	18.60	18.72	18.61	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.72	18.63		
100	QPSK	1	1	18.92	18.97	18.84	20.0	0.0
100	QPSK	1	137	18.68	18.90	18.80		
100	QPSK	1	271	18.75	18.82	18.80		
100	QPSK	135	0	18.45	18.52	18.52	20.0	0.0
100	QPSK	135	69	18.72	18.86	18.77	20.0	0.0
100	QPSK	135	138	18.54	18.57	18.34	20.0	0.0
100	QPSK	270	0	18.53	18.66	18.44		
100	16QAM	1	1	18.63	18.69	18.60	20.0	0.0
100	64QAM	1	1	18.60	18.65	18.50	20.0	0.0
100	256QAM	1	1	18.55	18.64	18.50	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	18.92	18.68	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.76	18.81	18.78	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.75	18.87	18.82	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.85	18.92	18.67	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.82	18.84	18.72	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.87	18.85	18.70	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.82	18.81	18.63	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.87	18.92	18.64	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.90	18.75	18.73	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.60	21.62	21.46	23.0	0.0
100	PI/2 BPSK	1	137	21.38	21.47	21.43		
100	PI/2 BPSK	1	271	21.37	21.43	21.29		
100	PI/2 BPSK	135	0	21.54	21.58	21.39	23.0	0.0
100	PI/2 BPSK	135	69	21.42	21.52	21.36	23.0	0.0
100	PI/2 BPSK	135	138	21.33	21.49	21.32	23.0	0.0
100	PI/2 BPSK	270	0	21.44	21.43	21.36		
100	QPSK	1	1	21.62	21.69	21.66	23.0	0.0
100	QPSK	1	137	21.52	21.59	21.58		
100	QPSK	1	271	21.46	21.60	21.45		
100	QPSK	135	0	21.27	21.34	21.34	23.0	0.0
100	QPSK	135	69	21.45	21.59	21.47	23.0	0.0
100	QPSK	135	138	21.26	21.31	21.10	23.0	0.0
100	QPSK	270	0	21.24	21.37	21.23		
100	16QAM	1	1	21.27	21.50	21.36	23.0	0.0
100	64QAM	1	1	21.36	21.36	21.29	23.0	0.0
100	256QAM	1	1	21.62	21.55	21.53	23.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.43	21.55	21.55	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.48	21.55	21.62	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.47	21.55	21.55	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.58	21.58	21.59	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.49	21.64	21.52	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.46	21.62	21.47	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.58	21.65	21.60	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.54	21.61	21.49	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.41	21.53	21.55	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.40	17.42	17.30	19.0	0.0
20	PI/2 BPSK	1	53	17.25	17.28	17.21		
20	PI/2 BPSK	1	104	17.20	17.24	17.12		
20	PI/2 BPSK	50	0	17.36	17.37	17.21	19.0	0.0
20	PI/2 BPSK	50	28	17.17	17.29	17.24	19.0	0.0
20	PI/2 BPSK	50	56	17.14	17.24	17.22	19.0	0.0
20	PI/2 BPSK	100	0	17.15	17.23	17.26		
20	QPSK	1	1	17.39	17.53	17.45	19.0	0.0
20	QPSK	1	53	17.25	17.40	17.30		
20	QPSK	1	104	17.24	17.39	17.33		
20	QPSK	50	0	17.09	17.11	17.05	19.0	0.0
20	QPSK	50	28	17.28	17.36	17.30	19.0	0.0
20	QPSK	50	56	17.10	17.04	17.03	19.0	0.0
20	QPSK	100	0	17.03	17.14	17.04		
20	16QAM	1	1	17.12	17.30	17.08	19.0	0.0
20	64QAM	1	1	17.11	17.22	17.09	19.0	0.0
20	256QAM	1	1	17.19	17.25	17.09	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.29	17.39	17.37	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.34	17.43	17.39	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.28	17.46	17.37	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.60	15.67	15.56	17.5	0.0
50	PI/2 BPSK	1	135	15.57	15.62	15.58		
50	PI/2 BPSK	1	268	15.52	15.51	15.59		
50	PI/2 BPSK	135	0	15.65	15.61	15.51	17.5	0.0
50	PI/2 BPSK	135	68	15.51	15.53	15.54	17.5	0.0
50	PI/2 BPSK	135	135	15.53	15.61	15.53	17.5	0.0
50	PI/2 BPSK	270	0	15.54	15.55	15.56		
50	QPSK	1	1	15.62	15.77	15.69	17.5	0.0
50	QPSK	1	135	15.53	15.61	15.53		
50	QPSK	1	268	15.57	15.69	15.58		
50	QPSK	135	0	15.57	15.62	15.54	17.5	0.0
50	QPSK	135	68	15.51	15.63	15.51	17.5	0.0
50	QPSK	135	135	15.51	15.62	15.53	17.5	0.0
50	QPSK	270	0	15.53	15.57	15.52		
50	16QAM	1	1	15.54	15.59	15.55	17.5	0.0
50	64QAM	1	1	15.52	15.58	15.54	17.5	0.0
50	256QAM	1	1	15.55	15.60	15.51	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.56	15.67	15.58	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.52	15.73	15.64	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.52	15.69	15.58	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.57	15.64	15.56	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.53	15.70	15.62	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.51	15.69	15.56	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.54	15.70	15.57	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.84	17.87	17.69	19.5	0.0
40	PI/2 BPSK	1	108	17.76	17.71	17.65		
40	PI/2 BPSK	1	214	17.72	17.74	17.60		
40	PI/2 BPSK	108	0	17.86	17.86	17.66	19.5	0.0
40	PI/2 BPSK	108	54	17.63	17.80	17.72	19.5	0.0
40	PI/2 BPSK	108	108	17.57	17.72	17.59	19.5	0.0
40	PI/2 BPSK	216	0	17.68	17.76	17.65		
40	QPSK	1	1	17.83	17.97	17.89	19.5	0.0
40	QPSK	1	108	17.79	17.91	17.82		
40	QPSK	1	214	17.71	17.89	17.77		
40	QPSK	108	0	17.51	17.54	17.51	19.5	0.0
40	QPSK	108	54	17.73	17.82	17.80	19.5	0.0
40	QPSK	108	108	17.56	17.54	17.63	19.5	0.0
40	QPSK	216	0	17.53	17.61	17.56		
40	16QAM	1	1	17.61	17.74	17.57	19.5	0.0
40	64QAM	1	1	17.57	17.66	17.54	19.5	0.0
40	256QAM	1	1	17.57	17.71	17.60	19.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.77	17.82	17.78	19.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.77	17.91	17.79	19.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.78	17.89	17.76	19.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.73	17.84	17.74	19.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.76	17.86	17.76	19.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.74	17.88	17.84	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.75	16.76	16.65	18.5	0.0
40	PI/2 BPSK	1	108	16.59	16.73	16.64		
40	PI/2 BPSK	1	214	16.64	16.67	16.87		
40	PI/2 BPSK	108	0	16.76	16.88	16.66	18.5	0.0
40	PI/2 BPSK	108	54	16.56	16.69	16.60	18.5	0.0
40	PI/2 BPSK	108	108	16.55	16.66	16.54	18.5	0.0
40	PI/2 BPSK	216	0	16.56	16.70	16.64		
40	QPSK	1	1	16.78	16.92	16.89	18.5	0.0
40	QPSK	1	108	16.72	16.76	16.71		
40	QPSK	1	214	16.70	16.80	16.72		
40	QPSK	108	0	16.69	16.57	16.66	18.5	0.0
40	QPSK	108	54	16.81	16.85	16.79	18.5	0.0
40	QPSK	108	108	16.70	16.64	16.82	18.5	0.0
40	QPSK	216	0	16.77	16.82	16.73		
40	16QAM	1	1	16.56	16.61	16.54	18.5	0.0
40	64QAM	1	1	16.75	16.66	16.71	18.5	0.0
40	256QAM	1	1	16.58	16.61	16.55	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.71	16.80	16.77	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.63	16.84	16.74	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.72	16.87	16.80	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.68	16.85	16.76	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.67	16.87	16.76	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.62	16.81	16.71	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.48	16.41	16.35	18.0	0.0
40	PI/2 BPSK	1	53	16.23	16.37	16.21		
40	PI/2 BPSK	1	104	16.23	16.34	16.15		
40	PI/2 BPSK	50	0	16.36	16.51	16.28	18.0	0.0
40	PI/2 BPSK	50	28	16.24	16.33	16.22	18.0	0.0
40	PI/2 BPSK	50	56	16.20	16.33	16.16	18.0	0.0
40	PI/2 BPSK	100	0	16.25	16.29	16.23		
40	QPSK	1	1	16.42	16.55	16.52	18.0	0.0
40	QPSK	1	53	16.30	16.51	16.38		
40	QPSK	1	104	16.29	16.42	16.40		
40	QPSK	50	0	16.05	16.19	16.14	18.0	0.0
40	QPSK	50	28	16.40	16.50	16.37	18.0	0.0
40	QPSK	50	56	16.10	16.16	16.01	18.0	0.0
40	QPSK	100	0	16.09	16.21	16.07		
40	16QAM	1	1	16.21	16.27	16.17	18.0	0.0
40	64QAM	1	1	16.15	16.21	16.11	18.0	0.0
40	256QAM	1	1	16.20	16.28	16.18	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.32	16.50	16.41	18.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.29	16.46	16.37	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.33	16.43	16.40	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.35	16.46	16.35	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.33	16.45	16.30	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.95	15.96	15.82	17.5	0.0
100	PI/2 BPSK	1	137	15.76	15.79	15.76		
100	PI/2 BPSK	1	271	15.73	15.83	15.64		
100	PI/2 BPSK	135	0	15.86	16.01	15.80	17.5	0.0
100	PI/2 BPSK	135	69	15.71	15.87	15.77	17.5	0.0
100	PI/2 BPSK	135	138	15.64	15.81	15.72	17.5	0.0
100	PI/2 BPSK	270	0	15.73	15.82	15.81		
100	QPSK	1	1	16.00	16.03	15.94	17.5	0.0
100	QPSK	1	137	15.81	15.95	15.82		
100	QPSK	1	271	15.80	15.97	15.81		
100	QPSK	135	0	15.56	15.68	15.61	17.5	0.0
100	QPSK	135	69	15.86	15.87	15.80	17.5	0.0
100	QPSK	135	138	15.59	15.61	15.51	17.5	0.0
100	QPSK	270	0	15.62	15.75	15.58		
100	16QAM	1	1	15.62	15.78	15.68	17.5	0.0
100	64QAM	1	1	15.65	15.72	15.60	17.5	0.0
100	256QAM	1	1	15.75	15.74	15.69	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.91	15.98	15.88	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.93	15.96	15.78	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.89	15.95	15.81	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.89	15.81	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.87	15.92	15.80	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.86	15.94	15.83	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.90	15.95	15.81	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.89	15.91	15.88	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.91	15.93	15.87	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.75	18.74	18.58	20.5	0.0
100	PI/2 BPSK	1	137	18.60	18.57	18.52		
100	PI/2 BPSK	1	271	18.56	18.65	18.54		
100	PI/2 BPSK	135	0	18.77	18.76	18.52	20.5	0.0
100	PI/2 BPSK	135	69	18.51	18.65	18.56	20.5	0.0
100	PI/2 BPSK	135	138	18.55	18.65	18.51	20.5	0.0
100	PI/2 BPSK	270	0	18.58	18.65	18.62		
100	QPSK	1	1	18.80	18.90	18.76	20.5	0.0
100	QPSK	1	137	18.68	18.80	18.69		
100	QPSK	1	271	18.63	18.82	18.64		
100	QPSK	135	0	18.51	18.54	18.52	20.5	0.0
100	QPSK	135	69	18.62	18.71	18.69	20.5	0.0
100	QPSK	135	138	18.53	18.56	18.55	20.5	0.0
100	QPSK	270	0	18.54	18.57	18.56		
100	16QAM	1	1	18.56	18.63	18.61	20.5	0.0
100	64QAM	1	1	18.52	18.57	18.56	20.5	0.0
100	256QAM	1	1	18.55	18.61	18.59	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.74	18.85	18.67	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.67	18.77	18.65	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.75	18.81	18.69	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.72	18.75	18.71	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.75	18.78	18.70	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.68	18.83	18.68	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.67	18.80	18.64	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.66	18.78	18.64	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.66	18.84	18.71	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.69	13.75	13.66	14.5	0.0
40	PI/2 BPSK	1	53	13.57	13.68	13.59		
40	PI/2 BPSK	1	104	13.54	13.62	13.43		
40	PI/2 BPSK	50	0	13.77	13.78	13.56	14.5	0.0
40	PI/2 BPSK	50	28	13.50	13.68	13.57	14.5	0.0
40	PI/2 BPSK	50	56	13.46	13.66	13.49	14.5	0.0
40	PI/2 BPSK	100	0	13.55	13.57	13.59		
40	QPSK	1	1	13.71	13.87	13.86	14.5	0.0
40	QPSK	1	53	13.57	13.71	13.76		
40	QPSK	1	104	13.68	13.84	13.65		
40	QPSK	50	0	13.45	13.54	13.42	14.5	0.0
40	QPSK	50	28	13.71	13.75	13.58	14.5	0.0
40	QPSK	50	56	13.35	13.36	13.32	14.5	0.0
40	QPSK	100	0	13.41	13.51	13.36		
40	16QAM	1	1	13.54	13.63	13.51	14.5	0.0
40	64QAM	1	1	13.42	13.54	13.39	14.5	0.0
40	256QAM	1	1	13.46	13.58	13.51	14.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.59	13.77	13.70	14.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	13.58	13.80	13.76	14.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.63	13.73	13.71	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.92	12.90	12.83	13.5	0.0
100	PI/2 BPSK	1	137	12.83	12.80	12.70		
100	PI/2 BPSK	1	271	12.73	12.78	12.69		
100	PI/2 BPSK	135	0	12.88	12.98	12.76	13.5	0.0
100	PI/2 BPSK	135	69	12.71	12.88	12.74	13.5	0.0
100	PI/2 BPSK	135	138	12.65	12.84	12.72	13.5	0.0
100	PI/2 BPSK	270	0	12.73	12.82	12.73		
100	QPSK	1	1	12.90	13.03	12.95	13.5	0.0
100	QPSK	1	137	12.77	12.98	12.87		
100	QPSK	1	271	12.86	13.01	12.91		
100	QPSK	135	0	12.62	12.62	12.62	13.5	0.0
100	QPSK	135	69	12.86	12.95	12.78	13.5	0.0
100	QPSK	135	138	12.55	12.62	12.47	13.5	0.0
100	QPSK	270	0	12.58	12.77	12.61		
100	16QAM	1	1	12.71	12.76	12.62	13.5	0.0
100	64QAM	1	1	12.70	12.74	12.64	13.5	0.0
100	256QAM	1	1	12.73	12.77	12.60	13.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.79	12.98	12.80	13.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.82	12.95	12.89	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.82	12.92	12.85	13.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.78	12.94	12.80	13.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.81	12.94	12.87	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.75	12.97	12.89	13.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.78	12.89	12.80	13.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.79	12.96	12.90	13.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.83	12.95	12.86	13.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.74	12.90	12.86	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.79	12.92	12.90	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.79	15.87	15.64	16.5	0.0
100	PI/2 BPSK	1	137	15.61	15.67	15.64		
100	PI/2 BPSK	1	271	15.65	15.73	15.53		
100	PI/2 BPSK	135	0	15.82	15.85	15.63	16.5	0.0
100	PI/2 BPSK	135	69	15.59	15.71	15.69	16.5	0.0
100	PI/2 BPSK	135	138	15.58	15.76	15.62	16.5	0.0
100	PI/2 BPSK	270	0	15.61	15.75	15.60		
100	QPSK	1	1	15.79	15.95	15.90	16.5	0.0
100	QPSK	1	137	15.74	15.78	15.77		
100	QPSK	1	271	15.67	15.86	15.75		
100	QPSK	135	0	15.50	15.52	15.57	16.5	0.0
100	QPSK	135	69	15.76	15.85	15.65	16.5	0.0
100	QPSK	135	138	15.48	15.49	15.30	16.5	0.0
100	QPSK	270	0	15.49	15.58	15.43		
100	16QAM	1	1	15.59	15.69	15.61	16.5	0.0
100	64QAM	1	1	15.54	15.57	15.47	16.5	0.0
100	256QAM	1	1	15.63	15.64	15.53	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.64	15.91	15.82	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.69	15.90	15.86	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.71	15.86	15.76	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.67	15.85	15.85	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.72	15.89	15.82	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.69	15.82	15.76	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.65	15.87	15.77	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.65	15.86	15.85	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.71	15.83	15.81	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.66	15.79	15.75	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.70	15.86	15.85	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.00		13.5	0.0
100	PI/2 BPSK	1	137		12.88			
100	PI/2 BPSK	1	271		12.86			
100	PI/2 BPSK	135	0		13.08		13.5	0.0
100	PI/2 BPSK	135	69		12.82		13.5	0.0
100	PI/2 BPSK	135	138		12.87		13.5	0.0
100	PI/2 BPSK	270	0		12.87			
100	QPSK	1	1		13.09		13.5	0.0
100	QPSK	1	137		13.01			
100	QPSK	1	271		12.98			
100	QPSK	135	0		12.72		13.5	0.0
100	QPSK	135	69		12.94		13.5	0.0
100	QPSK	135	138		12.67		13.5	0.0
100	QPSK	270	0		12.76			
100	16QAM	1	1		12.79		13.5	0.0
100	64QAM	1	1		12.80		13.5	0.0
100	256QAM	1	1		12.80		13.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.85	12.98	12.89	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.94	13.00	12.96	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.85	12.93	12.91	13.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.91	12.96	12.85	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.92	12.97	12.90	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.85	12.98	12.87	13.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.84	13.00	12.95	13.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	12.92	13.00	12.89	13.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.85	12.99	12.85	13.5	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.90	12.97	12.92	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.93	13.01	12.94	13.5	0.0

Part27Q n77 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.86		16.5	0.0
100	PI/2 BPSK	1	137		15.76			
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.90		16.5	0.0
100	PI/2 BPSK	135	69		15.73		16.5	0.0
100	PI/2 BPSK	135	138		15.69		16.5	0.0
100	PI/2 BPSK	270	0		15.64			
100	QPSK	1	1		15.95		16.5	0.0
100	QPSK	1	137		15.81			
100	QPSK	1	271		15.88			
100	QPSK	135	0		15.63		16.5	0.0
100	QPSK	135	69		15.88		16.5	0.0
100	QPSK	135	138		15.55		16.5	0.0
100	QPSK	270	0		15.56			
100	16QAM	1	1		15.66		16.5	0.0
100	64QAM	1	1		15.65		16.5	0.0
100	256QAM	1	1		15.71		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.70	15.83	15.59	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.72	15.86	15.70	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.68	15.87	15.61	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.74	15.82	15.62	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.75	15.81	15.60	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.67	15.84	15.68	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.72	15.83	15.66	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.75	15.82	15.71	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.70	15.88	15.61	16.5	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.70	15.81	15.63	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.68	15.87	15.68	16.5	0.0

Part27O n78 PC3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.62		13.5	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.46			
100	PI/2 BPSK	135	0		12.72		13.5	0.0
100	PI/2 BPSK	135	69		12.48		13.5	0.0
100	PI/2 BPSK	135	138		12.51		13.5	0.0
100	PI/2 BPSK	270	0		12.55			
100	QPSK	1	1		12.74		13.5	0.0
100	QPSK	1	137		12.62			
100	QPSK	1	271		12.69			
100	QPSK	135	0		12.31		13.5	0.0
100	QPSK	135	69		12.59		13.5	0.0
100	QPSK	135	138		12.24		13.5	0.0
100	QPSK	270	0		12.39			
100	16QAM	1	1		12.52		13.5	0.0
100	64QAM	1	1		12.41		13.5	0.0
100	256QAM	1	1		12.48		13.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.52	12.62	12.60	13.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.59	12.64	12.60	13.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.61	12.63	12.59	13.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.51	12.63	12.61	13.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.52	12.69	12.50	13.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.61	12.65	12.55	13.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.56	12.67	12.59	13.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.53	12.69	12.53	13.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.50	12.66	12.53	13.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.59	12.61	12.51	13.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.58	12.65	12.51	13.5	0.0

Part27O n78 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.53		16.5	0.0
100	PI/2 BPSK	1	137		15.43			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.60		16.5	0.0
100	PI/2 BPSK	135	69		15.43		16.5	0.0
100	PI/2 BPSK	135	138		15.37		16.5	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.65		16.5	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.55			
100	QPSK	135	0		15.21		16.5	0.0
100	QPSK	135	69		15.49		16.5	0.0
100	QPSK	135	138		15.16		16.5	0.0
100	QPSK	270	0		15.24			
100	16QAM	1	1		15.39		16.5	0.0
100	64QAM	1	1		15.34		16.5	0.0
100	256QAM	1	1		15.32		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.44	15.57	15.47	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.42	15.60	15.52	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.48	15.56	15.49	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.54	15.59	15.52	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.50	15.59	15.44	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.49	15.52	15.47	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.43	15.56	15.45	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.45	15.55	15.44	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.49	15.59	15.44	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.45	15.54	15.46	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.52	15.49	15.47	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.03		13.5	0.0
100	PI/2 BPSK	1	137		12.85			
100	PI/2 BPSK	1	271		12.88			
100	PI/2 BPSK	135	0		13.02		13.5	0.0
100	PI/2 BPSK	135	69		12.83		13.5	0.0
100	PI/2 BPSK	135	138		12.84		13.5	0.0
100	PI/2 BPSK	270	0		12.87			
100	QPSK	1	1		13.09		13.5	0.0
100	QPSK	1	137		13.01			
100	QPSK	1	271		13.00			
100	QPSK	135	0		12.75		13.5	0.0
100	QPSK	135	69		12.94		13.5	0.0
100	QPSK	135	138		12.69		13.5	0.0
100	QPSK	270	0		12.76			
100	16QAM	1	1		12.84		13.5	0.0
100	64QAM	1	1		12.77		13.5	0.0
100	256QAM	1	1		12.77		13.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.84	13.03	12.88	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.86	13.04	12.81	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.87	12.94	12.79	13.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.85	12.98	12.81	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.87	13.02	12.81	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.87	12.95	12.87	13.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.89	13.03	12.83	13.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	12.92	13.01	12.85	13.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.91	12.98	12.85	13.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.89	13.02	12.81	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.86	12.94	12.84	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.88		16.5	0.0
100	PI/2 BPSK	1	137		15.72			
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.87		16.5	0.0
100	PI/2 BPSK	135	69		15.73		16.5	0.0
100	PI/2 BPSK	135	138		15.74		16.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.96		16.5	0.0
100	QPSK	1	137		15.92			
100	QPSK	1	271		15.86			
100	QPSK	135	0		15.56		16.5	0.0
100	QPSK	135	69		15.90		16.5	0.0
100	QPSK	135	138		15.54		16.5	0.0
100	QPSK	270	0		15.70			
100	16QAM	1	1		15.69		16.5	0.0
100	64QAM	1	1		15.71		16.5	0.0
100	256QAM	1	1		15.71		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.73	15.92	15.75	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.75	15.87	15.80	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.77	15.86	15.79	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.70	15.89	15.80	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.79	15.85	15.82	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.77	15.83	15.79	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.75	15.87	15.79	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.75	15.84	15.71	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.77	15.91	15.75	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.75	15.81	15.79	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.70	15.86	15.72	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.46	17.45	17.31	18.5	0.0
40	PI/2 BPSK	1	53	17.30	17.31	17.22		
40	PI/2 BPSK	1	104	17.35	17.38	17.22		
40	PI/2 BPSK	50	0	17.49	17.50	17.36	18.5	0.0
40	PI/2 BPSK	50	28	17.32	17.40	17.27	18.5	0.0
40	PI/2 BPSK	50	56	17.21	17.33	17.23	18.5	0.0
40	PI/2 BPSK	100	0	17.29	17.40	17.26		
40	QPSK	1	1	17.47	17.54	17.49	18.5	0.0
40	QPSK	1	53	17.33	17.49	17.44		
40	QPSK	1	104	17.42	17.48	17.39		
40	QPSK	50	0	17.14	17.26	17.23	18.5	0.0
40	QPSK	50	28	17.34	17.44	17.35	18.5	0.0
40	QPSK	50	56	17.13	17.16	17.04	18.5	0.0
40	QPSK	100	0	17.16	17.26	17.10		
40	16QAM	1	1	17.27	17.34	17.18	18.5	0.0
40	64QAM	1	1	17.15	17.33	17.08	18.5	0.0
40	256QAM	1	1	16.75	16.93	16.68	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.43	17.45	17.35	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.31	17.42	17.37	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.38	17.45	17.44	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.01	17.05	16.83	18.5	0.0
100	PI/2 BPSK	1	137	16.81	16.94	16.83		
100	PI/2 BPSK	1	271	16.80	16.89	16.68		
100	PI/2 BPSK	135	0	17.00	17.01	16.88	18.5	0.0
100	PI/2 BPSK	135	69	16.79	16.84	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.74	16.91	16.72	18.5	0.0
100	PI/2 BPSK	270	0	16.82	16.81	16.83		
100	QPSK	1	1	16.98	17.11	17.07	18.5	0.0
100	QPSK	1	137	16.87	17.06	16.91		
100	QPSK	1	271	16.87	16.99	16.89		
100	QPSK	135	0	16.59	16.77	16.68	18.5	0.0
100	QPSK	135	69	16.95	16.96	16.87	18.5	0.0
100	QPSK	135	138	16.63	16.65	16.51	18.5	0.0
100	QPSK	270	0	16.64	16.75	16.64		
100	16QAM	1	1	16.75	16.79	16.68	18.5	0.0
100	64QAM	1	1	16.70	16.79	16.61	18.5	0.0
100	256QAM	1	1	16.70	16.83	16.67	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.89	17.00	16.92	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.82	17.06	16.98	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.92	17.02	16.93	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.87	17.05	16.95	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.87	17.03	16.99	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.90	17.03	17.01	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.88	17.05	17.01	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.92	17.07	16.98	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.84	17.04	16.94	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.90	17.03	16.96	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.91	16.98	16.97	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.74	19.83	19.67	21.5	0.0
100	PI/2 BPSK	1	137	19.57	19.70	19.60		
100	PI/2 BPSK	1	271	19.57	19.72	19.53		
100	PI/2 BPSK	135	0	19.78	19.79	19.65	21.5	0.0
100	PI/2 BPSK	135	69	19.62	19.68	19.61	21.5	0.0
100	PI/2 BPSK	135	138	19.55	19.67	19.58	21.5	0.0
100	PI/2 BPSK	270	0	19.63	19.64	19.63		
100	QPSK	1	1	19.86	19.94	19.82	21.5	0.0
100	QPSK	1	137	19.66	19.85	19.71		
100	QPSK	1	271	19.66	19.87	19.73		
100	QPSK	135	0	19.53	19.62	19.68	21.5	0.0
100	QPSK	135	69	19.85	19.90	19.87	21.5	0.0
100	QPSK	135	138	19.77	19.70	19.59	21.5	0.0
100	QPSK	270	0	19.79	19.87	19.71		
100	16QAM	1	1	19.80	19.90	19.84	21.5	0.0
100	64QAM	1	1	19.79	19.87	19.69	21.5	0.0
100	256QAM	1	1	19.86	19.86	19.75	21.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.78	19.90	19.73	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.73	19.82	19.72	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.82	19.81	19.76	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.72	19.85	19.78	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.77	19.78	19.74	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.74	19.83	19.73	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.76	19.84	19.68	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.73	19.83	19.77	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.72	19.79	19.67	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.76	19.86	19.72	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.71	19.84	19.70	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.29		18.5	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.18			
100	PI/2 BPSK	135	0		17.32		18.5	0.0
100	PI/2 BPSK	135	69		17.21		18.5	0.0
100	PI/2 BPSK	135	138		17.22		18.5	0.0
100	PI/2 BPSK	270	0		17.13			
100	QPSK	1	1		17.35		18.5	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.31			
100	QPSK	135	0		17.07		18.5	0.0
100	QPSK	135	69		17.31		18.5	0.0
100	QPSK	135	138		17.01		18.5	0.0
100	QPSK	270	0		17.24			
100	16QAM	1	1		17.19		18.5	0.0
100	64QAM	1	1		17.07		18.5	0.0
100	256QAM	1	1		17.15		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.22	17.32	17.24	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.22	17.33	17.25	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.27	17.23	17.32	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.25	17.28	17.27	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.22	17.23	17.29	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.27	17.26	17.32	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.20	17.21	17.30	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.21	17.21	17.25	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.21	17.16	17.29	18.5	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.26	17.34	17.33	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.29	17.14	17.21	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.23		21.5	0.0
100	PI/2 BPSK	1	137		20.08			
100	PI/2 BPSK	1	271		20.10			
100	PI/2 BPSK	135	0		20.17		21.5	0.0
100	PI/2 BPSK	135	69		20.09		21.5	0.0
100	PI/2 BPSK	135	138		20.01		21.5	0.0
100	PI/2 BPSK	270	0		20.03			
100	QPSK	1	1		20.26		21.5	0.0
100	QPSK	1	137		20.17			
100	QPSK	1	271		20.20			
100	QPSK	135	0		19.96		21.5	0.0
100	QPSK	135	69		20.13		21.5	0.0
100	QPSK	135	138		19.84		21.5	0.0
100	QPSK	270	0		19.90			
100	16QAM	1	1		20.00		21.5	0.0
100	64QAM	1	1		19.93		21.5	0.0
100	256QAM	1	1		19.98		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.05	20.18	20.11	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.08	20.19	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.02	20.21	20.11	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.08	20.17	20.06	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.99	20.11	20.11	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.10	20.15	20.07	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.01	20.17	20.02	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.08	20.16	20.02	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.01	20.16	20.11	21.5	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.02	20.12	20.09	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.06	20.14	20.01	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.70		18.5	0.0
100	PI/2 BPSK	1	137		16.66			
100	PI/2 BPSK	1	271		16.59			
100	PI/2 BPSK	135	0		16.71		18.5	0.0
100	PI/2 BPSK	135	69		16.63		18.5	0.0
100	PI/2 BPSK	135	138		16.62		18.5	0.0
100	PI/2 BPSK	270	0		16.62			
100	QPSK	1	1		16.96		18.5	0.0
100	QPSK	1	137		16.73			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.60		18.5	0.0
100	QPSK	135	69		16.69		18.5	0.0
100	QPSK	135	138		16.51		18.5	0.0
100	QPSK	270	0		16.53			
100	16QAM	1	1		16.55		18.5	0.0
100	64QAM	1	1		16.56		18.5	0.0
100	256QAM	1	1		16.58		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.61	16.80	16.65	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.69	16.72	16.63	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.69	16.71	16.70	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.63	16.78	16.73	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.62	16.75	16.74	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.64	16.73	16.73	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.66	16.74	16.74	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.70	16.76	16.72	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.65	16.79	16.73	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.70	16.78	16.63	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.64	16.72	16.69	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.78		21.5	0.0
100	PI/2 BPSK	1	137		19.60			
100	PI/2 BPSK	1	271		19.61			
100	PI/2 BPSK	135	0		19.78		21.5	0.0
100	PI/2 BPSK	135	69		19.70		21.5	0.0
100	PI/2 BPSK	135	138		19.62		21.5	0.0
100	PI/2 BPSK	270	0		19.63			
100	QPSK	1	1		19.83		21.5	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.51		21.5	0.0
100	QPSK	135	69		19.80		21.5	0.0
100	QPSK	135	138		19.79		21.5	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.63		21.5	0.0
100	64QAM	1	1		19.58		21.5	0.0
100	256QAM	1	1		19.58		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.69	19.69	19.52	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.69	19.75	19.55	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.54	19.77	19.57	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.69	19.73	19.55	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.64	19.74	19.53	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.70	19.69	19.60	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.73	19.60	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.68	19.78	19.57	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.53	19.71	19.52	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.64	19.73	19.69	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.70	19.71	19.56	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.86		18.5	0.0
100	PI/2 BPSK	1	137		16.71			
100	PI/2 BPSK	1	271		16.67			
100	PI/2 BPSK	135	0		16.95		18.5	0.0
100	PI/2 BPSK	135	69		16.69		18.5	0.0
100	PI/2 BPSK	135	138		16.73		18.5	0.0
100	PI/2 BPSK	270	0		16.68			
100	QPSK	1	1		16.96		18.5	0.0
100	QPSK	1	137		16.90			
100	QPSK	1	271		16.93			
100	QPSK	135	0		16.56		18.5	0.0
100	QPSK	135	69		16.79		18.5	0.0
100	QPSK	135	138		16.55		18.5	0.0
100	QPSK	270	0		16.64			
100	16QAM	1	1		16.70		18.5	0.0
100	64QAM	1	1		16.64		18.5	0.0
100	256QAM	1	1		16.63		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.81	16.86	16.76	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.76	16.87	16.73	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.70	16.90	16.81	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.77	16.89	16.78	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.69	16.85	16.76	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.80	16.82	16.77	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.75	16.83	16.82	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.81	16.91	16.79	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.78	16.81	16.74	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.76	16.85	16.77	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.80	16.86	16.84	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.13		21.5	0.0
100	PI/2 BPSK	1	137		19.96			
100	PI/2 BPSK	1	271		20.01			
100	PI/2 BPSK	135	0		20.09		21.5	0.0
100	PI/2 BPSK	135	69		19.94		21.5	0.0
100	PI/2 BPSK	135	138		19.98		21.5	0.0
100	PI/2 BPSK	270	0		19.95			
100	QPSK	1	1		20.23		21.5	0.0
100	QPSK	1	137		20.10			
100	QPSK	1	271		20.08			
100	QPSK	135	0		19.90		21.5	0.0
100	QPSK	135	69		20.09		21.5	0.0
100	QPSK	135	138		19.76		21.5	0.0
100	QPSK	270	0		19.85			
100	16QAM	1	1		19.98		21.5	0.0
100	64QAM	1	1		19.88		21.5	0.0
100	256QAM	1	1		19.90		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.98	20.12	20.01	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.03	20.15	20.00	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.01	20.17	20.10	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.96	20.13	20.03	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.99	20.09	20.07	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.06	20.19	20.08	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.98	20.11	20.02	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.99	20.15	20.12	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.05	20.11	20.08	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.97	20.13	20.07	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.03	20.14	20.02	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.14	15.21	15.00	16.0	0.0
40	PI/2 BPSK	1	53	15.01	15.03	14.97		
40	PI/2 BPSK	1	104	15.03	15.07	14.91		
40	PI/2 BPSK	50	0	15.09	15.21	14.95	16.0	0.0
40	PI/2 BPSK	50	28	15.01	15.09	14.98	16.0	0.0
40	PI/2 BPSK	50	56	14.97	15.01	14.95	16.0	0.0
40	PI/2 BPSK	100	0	14.92	15.08	15.00		
40	QPSK	1	1	15.14	15.27	15.26	16.0	0.0
40	QPSK	1	53	15.09	15.17	15.10		
40	QPSK	1	104	15.01	15.13	15.11		
40	QPSK	50	0	14.78	14.96	14.91	16.0	0.0
40	QPSK	50	28	15.06	15.11	15.03	16.0	0.0
40	QPSK	50	56	14.82	14.84	14.67	16.0	0.0
40	QPSK	100	0	14.79	14.95	14.81		
40	16QAM	1	1	14.84	15.03	14.87	16.0	0.0
40	64QAM	1	1	14.94	15.01	14.81	16.0	0.0
40	256QAM	1	1	14.96	14.98	14.91	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.07	15.15	15.13	16.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.02	15.23	15.14	16.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.00	15.17	15.06	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.83	16.75	16.67	18.0	0.0
100	PI/2 BPSK	1	137	16.59	16.73	16.63		
100	PI/2 BPSK	1	271	16.64	16.62	16.51		
100	PI/2 BPSK	135	0	16.77	16.86	16.56	18.0	0.0
100	PI/2 BPSK	135	69	16.63	16.66	16.63	18.0	0.0
100	PI/2 BPSK	135	138	16.56	16.69	16.60	18.0	0.0
100	PI/2 BPSK	270	0	16.58	16.66	16.57		
100	QPSK	1	1	16.79	16.92	16.87	18.0	0.0
100	QPSK	1	137	16.70	16.76	16.69		
100	QPSK	1	271	16.70	16.87	16.66		
100	QPSK	135	0	16.51	16.68	16.51	18.0	0.0
100	QPSK	135	69	16.74	16.85	16.71	18.0	0.0
100	QPSK	135	138	16.53	16.64	16.54	18.0	0.0
100	QPSK	270	0	16.52	16.57	16.56		
100	16QAM	1	1	16.51	16.70	16.58	18.0	0.0
100	64QAM	1	1	16.53	16.54	16.52	18.0	0.0
100	256QAM	1	1	16.58	16.67	16.58	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.72	16.87	16.72	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.72	16.80	16.74	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.70	16.79	16.77	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.74	16.83	16.75	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.71	16.86	16.74	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.63	16.78	16.80	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.67	16.84	16.72	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.70	16.83	16.79	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.72	16.79	16.74	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.68	16.82	16.77	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.64	16.85	16.79	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.53	19.55	19.46	21.0	0.0
100	PI/2 BPSK	1	137	19.38	19.41	19.39		
100	PI/2 BPSK	1	271	19.41	19.42	19.25		
100	PI/2 BPSK	135	0	19.59	19.57	19.33	21.0	0.0
100	PI/2 BPSK	135	69	19.32	19.51	19.40	21.0	0.0
100	PI/2 BPSK	135	138	19.30	19.43	19.34	21.0	0.0
100	PI/2 BPSK	270	0	19.41	19.46	19.42		
100	QPSK	1	1	19.53	19.70	19.57	21.0	0.0
100	QPSK	1	137	19.40	19.59	19.49		
100	QPSK	1	271	19.45	19.58	19.47		
100	QPSK	135	0	19.24	19.27	19.26	21.0	0.0
100	QPSK	135	69	19.43	19.52	19.40	21.0	0.0
100	QPSK	135	138	19.21	19.26	19.13	21.0	0.0
100	QPSK	270	0	19.20	19.33	19.21		
100	16QAM	1	1	19.27	19.44	19.32	21.0	0.0
100	64QAM	1	1	19.28	19.39	19.18	21.0	0.0
100	256QAM	1	1	19.33	19.42	19.23	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.38	19.55	19.46	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.42	19.64	19.47	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.40	19.63	19.51	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.42	19.61	19.50	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.45	19.65	19.46	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.47	19.56	19.51	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.47	19.65	19.49	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.45	19.59	19.46	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.44	19.64	19.45	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.39	19.55	19.51	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.43	19.64	19.43	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.80		18.0	0.0
100	PI/2 BPSK	1	137		16.63			
100	PI/2 BPSK	1	271		16.73			
100	PI/2 BPSK	135	0		16.80		18.0	0.0
100	PI/2 BPSK	135	69		16.73		18.0	0.0
100	PI/2 BPSK	135	138		16.66		18.0	0.0
100	PI/2 BPSK	270	0		16.62			
100	QPSK	1	1		16.95		18.0	0.0
100	QPSK	1	137		16.78			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.58		18.0	0.0
100	QPSK	135	69		16.75		18.0	0.0
100	QPSK	135	138		16.55		18.0	0.0
100	QPSK	270	0		16.63			
100	16QAM	1	1		16.63		18.0	0.0
100	64QAM	1	1		16.61		18.0	0.0
100	256QAM	1	1		16.64		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.72	16.88	16.76	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.82	16.83	16.84	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.76	16.90	16.76	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.79	16.85	16.84	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.78	16.83	16.81	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.79	16.85	16.84	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.72	16.82	16.73	18.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.76	16.80	16.74	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.74	16.90	16.84	18.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.76	16.87	16.79	18.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.82	16.86	16.78	18.0	0.0

Part27Q n77 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.43		21.0	0.0
100	PI/2 BPSK	1	137		19.33			
100	PI/2 BPSK	1	271		19.30			
100	PI/2 BPSK	135	0		19.41		21.0	0.0
100	PI/2 BPSK	135	69		19.32		21.0	0.0
100	PI/2 BPSK	135	138		19.38		21.0	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.50		21.0	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.41			
100	QPSK	135	0		19.16		21.0	0.0
100	QPSK	135	69		19.44		21.0	0.0
100	QPSK	135	138		19.14		21.0	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.32		21.0	0.0
100	64QAM	1	1		19.19		21.0	0.0
100	256QAM	1	1		19.26		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.28	19.41	19.31	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.28	19.38	19.32	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.27	19.41	19.34	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.30	19.42	19.32	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.26	19.42	19.37	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.26	19.43	19.34	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.28	19.37	19.40	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.32	19.46	19.35	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.29	19.42	19.32	21.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.32	19.40	19.37	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.27	19.39	19.38	21.0	0.0

Part27O n78 PC3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84		18.5	0.0
100	PI/2 BPSK	1	137		16.77			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.84		18.5	0.0
100	PI/2 BPSK	135	69		16.70		18.5	0.0
100	PI/2 BPSK	135	138		16.77		18.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.97		18.5	0.0
100	QPSK	1	137		16.88			
100	QPSK	1	271		16.84			
100	QPSK	135	0		16.57		18.5	0.0
100	QPSK	135	69		16.93		18.5	0.0
100	QPSK	135	138		16.54		18.5	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.68		18.5	0.0
100	64QAM	1	1		16.68		18.5	0.0
100	256QAM	1	1		16.67		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.93	16.75	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.68	16.90	16.80	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.70	16.85	16.82	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.70	16.83	16.74	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.70	16.85	16.75	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.72	16.89	16.79	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.91	16.76	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.69	16.93	16.83	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.71	16.92	16.76	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.72	16.84	16.78	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.72	16.82	16.80	18.5	0.0

Part27O n78 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.91		21.5	0.0
100	PI/2 BPSK	1	137		19.77			
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.92		21.5	0.0
100	PI/2 BPSK	135	69		19.81		21.5	0.0
100	PI/2 BPSK	135	138		19.86		21.5	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.95		21.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.62		21.5	0.0
100	QPSK	135	69		19.92		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.70		21.5	0.0
100	256QAM	1	1		19.80		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.63	19.85	19.73	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.84	19.76	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.66	19.82	19.78	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.85	19.81	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.67	19.82	19.80	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.68	19.90	19.82	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.70	19.87	19.82	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.70	19.84	19.73	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.71	19.85	19.78	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.63	19.84	19.75	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.61	19.82	19.79	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.67		18.5	0.0
100	PI/2 BPSK	1	137		16.52			
100	PI/2 BPSK	1	271		16.54			
100	PI/2 BPSK	135	0		16.67		18.5	0.0
100	PI/2 BPSK	135	69		16.52		18.5	0.0
100	PI/2 BPSK	135	138		16.60		18.5	0.0
100	PI/2 BPSK	270	0		16.61			
100	QPSK	1	1		16.81		18.5	0.0
100	QPSK	1	137		16.73			
100	QPSK	1	271		16.74			
100	QPSK	135	0		16.64		18.5	0.0
100	QPSK	135	69		16.71		18.5	0.0
100	QPSK	135	138		16.66		18.5	0.0
100	QPSK	270	0		16.65			
100	16QAM	1	1		16.60		18.5	0.0
100	64QAM	1	1		16.52		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.60	16.73	16.71	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.59	16.77	16.66	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.52	16.69	16.61	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.58	16.77	16.59	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.52	16.72	16.61	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.61	16.74	16.59	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.70	16.60	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.54	16.71	16.61	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.56	16.74	16.61	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.58	16.71	16.60	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.51	16.76	16.70	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.86		21.5	0.0
100	PI/2 BPSK	1	137		19.73			
100	PI/2 BPSK	1	271		19.78			
100	PI/2 BPSK	135	0		19.97		21.5	0.0
100	PI/2 BPSK	135	69		19.73		21.5	0.0
100	PI/2 BPSK	135	138		19.83		21.5	0.0
100	PI/2 BPSK	270	0		19.77			
100	QPSK	1	1		20.00		21.5	0.0
100	QPSK	1	137		19.91			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.68		21.5	0.0
100	QPSK	135	69		19.96		21.5	0.0
100	QPSK	135	138		19.54		21.5	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.79		21.5	0.0
100	64QAM	1	1		19.73		21.5	0.0
100	256QAM	1	1		19.68		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.68	19.96	19.79	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.71	19.92	19.77	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.72	19.88	19.77	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.64	19.95	19.81	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.67	19.88	19.80	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.71	19.95	19.72	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.64	19.96	19.71	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.70	19.85	19.74	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.68	19.86	19.82	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.61	19.85	19.78	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.72	19.86	19.77	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	12.42	12.45	12.34	13.5	0.0
40	PI/2 BPSK	1	53	12.29	12.32	12.22		
40	PI/2 BPSK	1	104	12.30	12.36	12.18		
40	PI/2 BPSK	50	0	12.41	12.44	12.24	13.5	0.0
40	PI/2 BPSK	50	28	12.21	12.35	12.29	13.5	0.0
40	PI/2 BPSK	50	56	12.16	12.39	12.20	13.5	0.0
40	PI/2 BPSK	100	0	12.23	12.31	12.29		
40	QPSK	1	1	12.50	12.54	12.50	13.5	0.0
40	QPSK	1	53	12.37	12.51	12.41		
40	QPSK	1	104	12.30	12.51	12.41		
40	QPSK	50	0	12.09	12.16	12.18	13.5	0.0
40	QPSK	50	28	12.38	12.49	12.34	13.5	0.0
40	QPSK	50	56	12.13	12.13	11.99	13.5	0.0
40	QPSK	100	0	12.06	12.47	12.14		
40	16QAM	1	1	12.23	12.30	12.24	13.5	0.0
40	64QAM	1	1	12.14	12.20	12.08	13.5	0.0
40	256QAM	1	1	12.21	12.31	12.17	13.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.01	3624.99	3690		
20	QPSK	1	1	12.47	12.34	12.35	13.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	12.33	12.34	12.40	13.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	12.42	12.50	12.34	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.26	11.32	11.15	13.0	0.0
100	PI/2 BPSK	1	137	11.15	11.22	11.05		
100	PI/2 BPSK	1	271	11.10	11.14	11.04		
100	PI/2 BPSK	135	0	11.31	11.38	11.09	13.0	0.0
100	PI/2 BPSK	135	69	11.15	11.23	11.10	13.0	0.0
100	PI/2 BPSK	135	138	11.08	11.17	11.04	13.0	0.0
100	PI/2 BPSK	270	0	11.14	11.16	11.20		
100	QPSK	1	1	11.28	11.42	11.34	13.0	0.0
100	QPSK	1	137	11.14	11.33	11.29		
100	QPSK	1	271	11.15	11.32	11.22		
100	QPSK	135	0	11.34	11.30	11.26	13.0	0.0
100	QPSK	135	69	11.21	11.38	11.34	13.0	0.0
100	QPSK	135	138	11.22	11.01	11.14	13.0	0.0
100	QPSK	270	0	11.22	11.34	11.21		
100	16QAM	1	1	11.06	11.18	11.08	13.0	0.0
100	64QAM	1	1	11.08	11.09	11.01	13.0	0.0
100	256QAM	1	1	11.07	11.13	11.20	13.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.19	11.33	11.29	13.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.24	11.31	11.27	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.25	11.34	11.15	13.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.24	11.33	11.17	13.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.07	11.39	11.31	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.15	11.33	11.28	13.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.19	11.39	11.15	13.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.16	11.28	11.20	13.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.06	11.35	11.22	13.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.07	11.21	11.28	13.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.26	11.30	11.29	13.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.35	14.32	14.23	16.0	0.0
100	PI/2 BPSK	1	137	14.22	14.20	14.17		
100	PI/2 BPSK	1	271	14.10	14.17	14.04		
100	PI/2 BPSK	135	0	14.35	14.39	14.17	16.0	0.0
100	PI/2 BPSK	135	69	14.09	14.19	14.19	16.0	0.0
100	PI/2 BPSK	135	138	14.13	14.22	14.17	16.0	0.0
100	PI/2 BPSK	270	0	14.14	14.26	14.15		
100	QPSK	1	1	14.41	14.43	14.36	16.0	0.0
100	QPSK	1	137	14.18	14.38	14.35		
100	QPSK	1	271	14.28	14.39	14.24		
100	QPSK	135	0	14.06	14.04	14.04	16.0	0.0
100	QPSK	135	69	14.31	14.37	14.28	16.0	0.0
100	QPSK	135	138	14.01	14.01	14.25	16.0	0.0
100	QPSK	270	0	14.26	14.30	14.24		
100	16QAM	1	1	14.03	14.23	14.11	16.0	0.0
100	64QAM	1	1	14.07	14.20	14.26	16.0	0.0
100	256QAM	1	1	14.10	14.23	14.08	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.23	14.25	14.30	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.37	14.33	14.19	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.22	14.26	14.23	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.38	14.31	14.16	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.29	14.29	14.31	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.31	14.23	14.29	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.21	14.25	14.21	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.23	14.28	14.20	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.26	14.25	14.18	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.23	14.25	14.17	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.22	14.41	14.28	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.66		13.0	0.0
100	PI/2 BPSK	1	137		11.56			
100	PI/2 BPSK	1	271		11.51			
100	PI/2 BPSK	135	0		11.74		13.0	0.0
100	PI/2 BPSK	135	69		11.55		13.0	0.0
100	PI/2 BPSK	135	138		11.56		13.0	0.0
100	PI/2 BPSK	270	0		11.50			
100	QPSK	1	1		11.75		13.0	0.0
100	QPSK	1	137		11.63			
100	QPSK	1	271		11.74			
100	QPSK	135	0		11.46		13.0	0.0
100	QPSK	135	69		11.65		13.0	0.0
100	QPSK	135	138		11.35		13.0	0.0
100	QPSK	270	0		11.51			
100	16QAM	1	1		11.49		13.0	0.0
100	64QAM	1	1		11.49		13.0	0.0
100	256QAM	1	1		11.56		13.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.53	11.66	11.56	13.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	11.57	11.54	11.70	13.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.71	11.72	11.56	13.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.61	11.54	11.68	13.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.72	11.54	11.67	13.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.69	11.55	11.61	13.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.63	11.69	11.62	13.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	11.63	11.57	11.55	13.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.65	11.65	11.63	13.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	11.70	11.61	11.67	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.59	11.63	11.71	13.0	0.0

Part27Q n77 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.56		16.0	0.0
100	PI/2 BPSK	1	137		14.38			
100	PI/2 BPSK	1	271		14.41			
100	PI/2 BPSK	135	0		14.59		16.0	0.0
100	PI/2 BPSK	135	69		14.46		16.0	0.0
100	PI/2 BPSK	135	138		14.44		16.0	0.0
100	PI/2 BPSK	270	0		14.42			
100	QPSK	1	1		14.62		16.0	0.0
100	QPSK	1	137		14.57			
100	QPSK	1	271		14.61			
100	QPSK	135	0		14.25		16.0	0.0
100	QPSK	135	69		14.51		16.0	0.0
100	QPSK	135	138		14.20		16.0	0.0
100	QPSK	270	0		14.48			
100	16QAM	1	1		14.37		16.0	0.0
100	64QAM	1	1		14.39		16.0	0.0
100	256QAM	1	1		14.36		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.41	14.60	14.48	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.51	14.47	14.47	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.43	14.51	14.59	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.46	14.45	14.48	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.50	14.40	14.47	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.47	14.47	14.50	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.56	14.45	14.55	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.58	14.50	14.50	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.42	14.51	14.47	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.44	14.56	14.55	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.55	14.52	14.40	16.0	0.0

Part27O n78 PC3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		10.77		12.5	0.0
100	PI/2 BPSK	1	137		10.54			
100	PI/2 BPSK	1	271		10.53			
100	PI/2 BPSK	135	0		10.75		12.5	0.0
100	PI/2 BPSK	135	69		10.63		12.5	0.0
100	PI/2 BPSK	135	138		10.63		12.5	0.0
100	PI/2 BPSK	270	0		10.63			
100	QPSK	1	1		10.79		12.5	0.0
100	QPSK	1	137		10.67			
100	QPSK	1	271		10.68			
100	QPSK	135	0		10.68		12.5	0.0
100	QPSK	135	69		10.71		12.5	0.0
100	QPSK	135	138		10.63		12.5	0.0
100	QPSK	270	0		10.60			
100	16QAM	1	1		10.61		12.5	0.0
100	64QAM	1	1		10.54		12.5	0.0
100	256QAM	1	1		10.59		12.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	10.68	10.58	10.67	12.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	10.63	10.60	10.58	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	10.58	10.61	10.60	12.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	10.60	10.64	10.64	12.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	10.59	10.62	10.63	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	10.65	10.61	10.61	12.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	10.63	10.69	10.70	12.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	10.67	10.72	10.58	12.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	10.76	10.72	10.71	12.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	10.75	10.71	10.64	12.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	10.64	10.69	10.67	12.5	0.0

Part27O n78 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.79		15.5	0.0
100	PI/2 BPSK	1	137		13.70			
100	PI/2 BPSK	1	271		13.74			
100	PI/2 BPSK	135	0		13.80		15.5	0.0
100	PI/2 BPSK	135	69		13.66		15.5	0.0
100	PI/2 BPSK	135	138		13.67		15.5	0.0
100	PI/2 BPSK	270	0		13.62			
100	QPSK	1	1		13.82		15.5	0.0
100	QPSK	1	137		13.76			
100	QPSK	1	271		13.70			
100	QPSK	135	0		13.75		15.5	0.0
100	QPSK	135	69		13.79		15.5	0.0
100	QPSK	135	138		13.71		15.5	0.0
100	QPSK	270	0		13.74			
100	16QAM	1	1		13.67		15.5	0.0
100	64QAM	1	1		13.73		15.5	0.0
100	256QAM	1	1		13.74		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.64	13.80	13.71	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.69	13.61	13.61	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.67	13.76	13.65	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.78	13.77	13.70	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.71	13.71	13.76	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.72	13.66	13.72	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.76	13.62	13.67	15.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.76	13.71	13.63	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.71	13.69	13.64	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.66	13.67	13.62	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.66	13.71	13.75	15.5	0.0

Part27Q n78 PC3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		10.71		12.5	0.0
100	PI/2 BPSK	1	137		10.80			
100	PI/2 BPSK	1	271		10.79			
100	PI/2 BPSK	135	0		10.76		12.5	0.0
100	PI/2 BPSK	135	69		10.81		12.5	0.0
100	PI/2 BPSK	135	138		10.72		12.5	0.0
100	PI/2 BPSK	270	0		10.82			
100	QPSK	1	1		10.87		12.5	0.0
100	QPSK	1	137		10.73			
100	QPSK	1	271		10.81			
100	QPSK	135	0		10.74		12.5	0.0
100	QPSK	135	69		10.83		12.5	0.0
100	QPSK	135	138		10.78		12.5	0.0
100	QPSK	270	0		10.79			
100	16QAM	1	1		10.81		12.5	0.0
100	64QAM	1	1		10.72		12.5	0.0
100	256QAM	1	1		10.75		12.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	10.69	10.68	10.67	12.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	10.78	10.77	10.73	12.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	10.70	10.67	10.71	12.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	10.82	10.69	10.81	12.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	10.69	10.79	10.83	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	10.81	10.71	10.66	12.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	10.68	10.69	10.67	12.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	10.77	10.78	10.77	12.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	10.75	10.67	10.71	12.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	10.78	10.82	10.82	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	10.78	10.84	10.65	12.5	0.0

Part27Q n78 PC2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.84		15.5	0.0
100	PI/2 BPSK	1	137		13.72			
100	PI/2 BPSK	1	271		13.78			
100	PI/2 BPSK	135	0		13.79		15.5	0.0
100	PI/2 BPSK	135	69		13.84		15.5	0.0
100	PI/2 BPSK	135	138		13.74		15.5	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.86		15.5	0.0
100	QPSK	1	137		13.77			
100	QPSK	1	271		13.74			
100	QPSK	135	0		13.73		15.5	0.0
100	QPSK	135	69		13.84		15.5	0.0
100	QPSK	135	138		13.76		15.5	0.0
100	QPSK	270	0		13.81			
100	16QAM	1	1		13.83		15.5	0.0
100	64QAM	1	1		13.78		15.5	0.0
100	256QAM	1	1		13.74		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.57	13.63	13.64	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.54	13.51	13.62	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.53	13.62	13.55	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.68	13.76	13.76	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.68	13.81	13.73	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.83	13.77	13.83	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.80	13.69	13.84	15.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	13.71	13.81	13.77	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.68	13.82	13.79	15.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.68	13.70	13.82	15.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.65	13.74	13.71	15.5	0.0

Full&Default Power Mode for Other PA

n5 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.06	24.18	24.10	25.7	0.0
20	PI/2 BPSK	1	53	24.03	24.19	24.12		
20	PI/2 BPSK	1	104	24.05	24.17	24.12		
20	PI/2 BPSK	50	0	23.56	23.71	23.64	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.21	24.13	25.7	0.0
20	PI/2 BPSK	50	56	23.57	23.69	23.61	25.2	0.5
20	PI/2 BPSK	100	0	23.51	23.69	23.63		
20	QPSK	1	1	25.13	25.37	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.29	25.32		
20	QPSK	1	104	25.15	25.27	25.21		
20	QPSK	50	0	24.07	24.19	24.09	24.7	1.0
20	QPSK	50	28	25.08	25.16	25.10	25.7	0.0
20	QPSK	50	56	24.01	24.18	24.17	24.7	1.0
20	QPSK	100	0	24.08	24.19	24.11		
20	16QAM	1	1	24.14	24.27	24.20	24.7	1.0
20	64QAM	1	1	22.35	22.46	22.43	23.2	2.5
20	256QAM	1	1	20.30	20.45	20.44	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.97	25.16	25.01	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.80	25.11	24.86	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.72	25.07	24.91	25.7	0.0

n5 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.92	24.06	23.95	25.7	0.0
20	PI/2 BPSK	1	53	23.99	24.00	24.02		
20	PI/2 BPSK	1	104	23.92	24.03	24.01		
20	PI/2 BPSK	50	0	23.51	23.62	23.54	25.2	0.5
20	PI/2 BPSK	50	28	24.00	24.15	24.12	25.7	0.0
20	PI/2 BPSK	50	56	23.49	23.64	23.59	25.2	0.5
20	PI/2 BPSK	100	0	23.45	23.63	23.56		
20	QPSK	1	1	25.23	25.28	25.22	25.7	0.0
20	QPSK	1	53	25.15	25.22	25.16		
20	QPSK	1	104	25.03	25.13	25.11		
20	QPSK	50	0	23.96	24.11	24.05	24.7	1.0
20	QPSK	50	28	24.91	24.99	24.97	25.7	0.0
20	QPSK	50	56	23.98	24.04	24.02	24.7	1.0
20	QPSK	100	0	23.98	24.12	24.03		
20	16QAM	1	1	24.05	24.17	24.08	24.7	1.0
20	64QAM	1	1	22.23	22.38	22.32	23.2	2.5
20	256QAM	1	1	20.23	20.34	20.25	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.14	25.20	25.15	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.04	25.10	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.97	25.04	24.88	25.7	0.0

n66 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.97	25.02	24.95	25.7	0.0
40	PI/2 BPSK	1	108	24.90	24.90	24.93		
40	PI/2 BPSK	1	214	24.94	24.99	24.96		
40	PI/2 BPSK	108	0	24.49	24.51	24.46	25.2	0.5
40	PI/2 BPSK	108	54	24.43	24.46	24.49	25.7	0.0
40	PI/2 BPSK	108	108	24.40	24.49	24.41	25.2	0.5
40	PI/2 BPSK	216	0	24.41	24.48	24.44		
40	QPSK	1	1	24.97	25.05	24.99	25.7	0.0
40	QPSK	1	108	24.97	25.02	25.01		
40	QPSK	1	214	24.98	24.94	25.03		
40	QPSK	108	0	23.87	23.90	23.78	24.7	1.0
40	QPSK	108	54	24.80	24.87	24.78	25.7	0.0
40	QPSK	108	108	23.77	23.83	23.80	24.7	1.0
40	QPSK	216	0	23.78	23.92	23.78		
40	16QAM	1	1	23.93	23.99	23.88	24.7	1.0
40	64QAM	1	1	22.19	22.23	22.17	23.2	2.5
40	256QAM	1	1	20.03	20.12	20.09	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.91	24.99	24.91	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.85	24.96	24.88	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.87	24.99	24.98	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.93	24.89	24.89	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.90	24.90	24.96	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.87	24.97	24.90	25.7	0.0

n66 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.87	24.85	24.91	25.7	0.0
40	PI/2 BPSK	1	108	24.95	24.84	24.90		
40	PI/2 BPSK	1	214	24.95	24.85	24.85		
40	PI/2 BPSK	108	0	24.44	24.41	24.44	25.2	0.5
40	PI/2 BPSK	108	54	24.36	24.38	24.43	25.7	0.0
40	PI/2 BPSK	108	108	24.43	24.35	24.40	25.2	0.5
40	PI/2 BPSK	216	0	24.35	24.42	24.43		
40	QPSK	1	1	24.94	25.02	24.95	25.7	0.0
40	QPSK	1	108	24.99	24.98	25.00		
40	QPSK	1	214	24.96	24.92	24.92		
40	QPSK	108	0	23.79	23.89	23.84	24.7	1.0
40	QPSK	108	54	24.85	24.88	24.82	25.7	0.0
40	QPSK	108	108	23.85	23.79	23.83	24.7	1.0
40	QPSK	216	0	23.82	23.86	23.82		
40	16QAM	1	1	23.97	23.94	23.89	24.7	1.0
40	64QAM	1	1	22.08	22.18	22.19	23.2	2.5
40	256QAM	1	1	20.05	20.01	20.05	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.90	24.89	24.87	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.90	24.92	24.90	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.86	24.90	24.94	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.87	24.90	24.97	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.86	24.89	24.90	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.87	24.91	24.88	25.7	0.0

n66 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.57	24.63	24.59	25.7	0.0
40	PI/2 BPSK	1	108	24.57	24.51	24.58		
40	PI/2 BPSK	1	214	24.56	24.58	24.50		
40	PI/2 BPSK	108	0	24.02	24.11	24.03	25.2	0.5
40	PI/2 BPSK	108	54	24.07	24.06	24.01	25.7	0.0
40	PI/2 BPSK	108	108	24.07	24.03	24.03	25.2	0.5
40	PI/2 BPSK	216	0	23.99	24.06	23.95		
40	QPSK	1	1	24.51	24.64	24.53	25.7	0.0
40	QPSK	1	108	24.50	24.55	24.56		
40	QPSK	1	214	24.59	24.50	24.55		
40	QPSK	108	0	23.40	23.54	23.50	24.7	1.0
40	QPSK	108	54	24.40	24.44	24.41	25.7	0.0
40	QPSK	108	108	23.48	23.50	23.45	24.7	1.0
40	QPSK	216	0	23.44	23.53	23.50		
40	16QAM	1	1	23.47	23.60	23.56	24.7	1.0
40	64QAM	1	1	21.72	21.83	21.76	23.2	2.5
40	256QAM	1	1	19.64	19.76	19.64	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.37	24.47	24.42	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.36	24.45	24.46	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.41	24.45	24.45	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.48	24.45	24.53	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.46	24.46	24.42	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.38	24.44	24.52	25.7	0.0

n66 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.02	24.13	24.06	25.5	0.0
40	PI/2 BPSK	1	108	24.02	24.10	24.05		
40	PI/2 BPSK	1	214	24.10	24.01	24.07		
40	PI/2 BPSK	108	0	23.61	23.63	23.51	25.0	0.5
40	PI/2 BPSK	108	54	24.00	24.08	24.09	25.5	0.0
40	PI/2 BPSK	108	108	23.52	23.51	23.60	25.0	0.5
40	PI/2 BPSK	216	0	23.52	23.60	23.57		
40	QPSK	1	1	24.15	24.18	24.08	25.5	0.0
40	QPSK	1	108	24.05	24.15	24.09		
40	QPSK	1	214	24.05	24.05	24.09		
40	QPSK	108	0	22.94	23.04	23.01	24.5	1.0
40	QPSK	108	54	23.91	23.95	23.94	25.5	0.0
40	QPSK	108	108	23.02	22.91	22.96	24.5	1.0
40	QPSK	216	0	22.93	23.03	23.00		
40	16QAM	1	1	22.55	22.61	22.56	24.5	1.0
40	64QAM	1	1	21.41	21.42	21.33	23.0	2.5
40	256QAM	1	1	19.47	19.54	19.43	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.92	24.11	23.99	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.96	24.04	24.05	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.97	24.02	24.00	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.97	24.05	23.96	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.00	24.01	24.03	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.01	24.01	24.02	25.5	0.0

Reduced Power Mode for Other PA ECI1

n5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.06	24.18	24.10	25.7	0.0
20	PI/2 BPSK	1	53	24.03	24.19	24.12		
20	PI/2 BPSK	1	104	24.05	24.17	24.12		
20	PI/2 BPSK	50	0	23.56	23.71	23.64	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.21	24.13	25.7	0.0
20	PI/2 BPSK	50	56	23.57	23.69	23.61	25.2	0.5
20	PI/2 BPSK	100	0	23.51	23.69	23.63		
20	QPSK	1	1	25.13	25.37	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.29	25.32		
20	QPSK	1	104	25.15	25.27	25.21		
20	QPSK	50	0	24.07	24.19	24.09	24.7	1.0
20	QPSK	50	28	25.08	25.16	25.10	25.7	0.0
20	QPSK	50	56	24.01	24.18	24.17	24.7	1.0
20	QPSK	100	0	24.08	24.19	24.11		
20	16QAM	1	1	24.14	24.27	24.20	24.7	1.0
20	64QAM	1	1	22.35	22.46	22.43	23.2	2.5
20	256QAM	1	1	20.30	20.45	20.44	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.97	25.16	25.01	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.80	25.11	24.86	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.72	25.07	24.91	25.7	0.0

n5 ECI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.19	21.21	21.12	21.7	0.0
20	PI/2 BPSK	1	53	21.09	21.12	21.03		
20	PI/2 BPSK	1	104	21.03	21.11	20.92		
20	PI/2 BPSK	50	0	21.16	21.27	21.03	21.7	0.0
20	PI/2 BPSK	50	28	21.02	21.05	21.00	21.7	0.0
20	PI/2 BPSK	50	56	20.96	21.04	20.98	21.7	0.0
20	PI/2 BPSK	100	0	21.01	21.03	20.99		
20	QPSK	1	1	21.19	21.29	21.27	21.7	0.0
20	QPSK	1	53	21.05	21.21	21.12		
20	QPSK	1	104	21.05	21.23	21.14		
20	QPSK	50	0	20.84	20.92	20.90	21.7	0.0
20	QPSK	50	28	21.08	21.14	21.05	21.7	0.0
20	QPSK	50	56	20.89	20.84	20.71	21.7	0.0
20	QPSK	100	0	20.89	20.95	20.90		
20	16QAM	1	1	20.95	21.01	20.95	21.7	0.0
20	64QAM	1	1	20.90	20.94	20.82	21.7	0.0
20	256QAM	1	1	20.23	20.34	20.25	21.2	0.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.07	21.18	21.17	21.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.09	21.16	21.12	21.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.12	21.20	21.10	21.7	0.0

n66 ECI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.97	18.98	18.88	19.7	0.0
40	PI/2 BPSK	1	108	18.74	18.86	18.79		
40	PI/2 BPSK	1	214	18.79	18.79	18.67		
40	PI/2 BPSK	108	0	18.93	18.95	18.73	19.7	0.0
40	PI/2 BPSK	108	54	18.78	18.83	18.84	19.7	0.0
40	PI/2 BPSK	108	108	18.77	18.91	18.73	19.7	0.0
40	PI/2 BPSK	216	0	18.76	18.85	18.78		
40	QPSK	1	1	19.03	19.08	19.02	19.7	0.0
40	QPSK	1	108	18.85	18.92	18.91		
40	QPSK	1	214	18.89	18.99	18.88		
40	QPSK	108	0	18.66	18.65	18.64	19.7	0.0
40	QPSK	108	54	18.93	18.98	18.90	19.7	0.0
40	QPSK	108	108	18.64	18.58	18.52	19.7	0.0
40	QPSK	216	0	18.57	18.91	18.55		
40	16QAM	1	1	18.71	18.76	18.65	19.7	0.0
40	64QAM	1	1	18.51	18.63	18.47	19.7	0.0
40	256QAM	1	1	18.57	18.69	18.74	19.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.97	19.04	18.86	19.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.94	19.01	18.94	19.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.91	19.00	18.93	19.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.92	19.02	18.91	19.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.96	18.94	18.96	19.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.88	19.02	18.92	19.7	0.0

n66 ECI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.88	16.92	16.76	17.7	0.0
40	PI/2 BPSK	1	108	16.77	16.80	16.70		
40	PI/2 BPSK	1	214	16.68	16.84	16.68		
40	PI/2 BPSK	108	0	16.86	17.01	16.72	17.7	0.0
40	PI/2 BPSK	108	54	16.73	16.82	16.80	17.7	0.0
40	PI/2 BPSK	108	108	16.66	16.88	16.66	17.7	0.0
40	PI/2 BPSK	216	0	16.68	16.76	16.75		
40	QPSK	1	1	16.91	17.02	17.00	17.7	0.0
40	QPSK	1	108	16.80	16.99	16.85		
40	QPSK	1	214	16.87	16.98	16.81		
40	QPSK	108	0	16.56	16.68	16.62	17.7	0.0
40	QPSK	108	54	16.89	16.91	16.78	17.7	0.0
40	QPSK	108	108	16.64	16.66	16.43	17.7	0.0
40	QPSK	216	0	16.61	16.70	16.64		
40	16QAM	1	1	16.61	16.73	16.66	17.7	0.0
40	64QAM	1	1	16.62	16.73	16.57	17.7	0.0
40	256QAM	1	1	16.72	16.79	16.66	17.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.79	16.91	16.77	17.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.86	16.88	16.82	17.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.83	16.89	16.77	17.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.74	16.86	16.79	17.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.78	16.94	16.83	17.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.84	16.85	16.78	17.7	0.0

n66 ECI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.57	24.63	24.59	25.7	0.0
40	PI/2 BPSK	1	108	24.57	24.51	24.58		
40	PI/2 BPSK	1	214	24.56	24.58	24.50		
40	PI/2 BPSK	108	0	24.02	24.11	24.03	25.2	0.5
40	PI/2 BPSK	108	54	24.07	24.06	24.01	25.7	0.0
40	PI/2 BPSK	108	108	24.07	24.03	24.03	25.2	0.5
40	PI/2 BPSK	216	0	23.99	24.06	23.95		
40	QPSK	1	1	24.51	24.64	24.53	25.7	0.0
40	QPSK	1	108	24.50	24.55	24.56		
40	QPSK	1	214	24.59	24.50	24.55		
40	QPSK	108	0	23.40	23.54	23.50	24.7	1.0
40	QPSK	108	54	24.40	24.44	24.41	25.7	0.0
40	QPSK	108	108	23.48	23.50	23.45	24.7	1.0
40	QPSK	216	0	23.44	23.53	23.50		
40	16QAM	1	1	23.47	23.60	23.56	24.7	1.0
40	64QAM	1	1	21.72	21.83	21.76	23.2	2.5
40	256QAM	1	1	19.64	19.76	19.64	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.37	24.47	24.42	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.36	24.45	24.46	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.41	24.45	24.45	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.48	24.45	24.53	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.46	24.46	24.42	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.38	24.44	24.52	25.7	0.0

n66 ECI1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.02	17.05	17.00	18.5	0.0
40	PI/2 BPSK	1	108	16.99	17.02	16.86		
40	PI/2 BPSK	1	214	16.94	16.92	16.77		
40	PI/2 BPSK	108	0	17.00	17.13	16.91	18.5	0.0
40	PI/2 BPSK	108	54	16.84	17.02	16.96	18.5	0.0
40	PI/2 BPSK	108	108	16.80	16.93	16.87	18.5	0.0
40	PI/2 BPSK	216	0	16.84	16.96	16.89		
40	QPSK	1	1	17.07	17.23	17.11	18.5	0.0
40	QPSK	1	108	17.03	17.05	17.06		
40	QPSK	1	214	16.98	17.13	17.02		
40	QPSK	108	0	16.72	16.78	16.82	18.5	0.0
40	QPSK	108	54	16.97	17.12	16.94	18.5	0.0
40	QPSK	108	108	16.79	16.74	16.62	18.5	0.0
40	QPSK	216	0	16.78	16.88	16.72		
40	16QAM	1	1	16.82	16.91	16.81	18.5	0.0
40	64QAM	1	1	16.79	16.95	16.79	18.5	0.0
40	256QAM	1	1	16.86	16.96	16.78	18.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.91	17.15	17.03	18.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.92	17.18	17.01	18.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.01	17.10	17.06	18.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.01	17.12	17.06	18.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.92	17.12	17.00	18.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.02	17.14	16.98	18.5	0.0

Reduced Power Mode for Other PA ECI3

n5 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.06	24.18	24.10	25.7	0.0
20	PI/2 BPSK	1	53	24.03	24.19	24.12		
20	PI/2 BPSK	1	104	24.05	24.17	24.12		
20	PI/2 BPSK	50	0	23.56	23.71	23.64	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.21	24.13	25.7	0.0
20	PI/2 BPSK	50	56	23.57	23.69	23.61	25.2	0.5
20	PI/2 BPSK	100	0	23.51	23.69	23.63		
20	QPSK	1	1	25.13	25.37	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.29	25.32		
20	QPSK	1	104	25.15	25.27	25.21		
20	QPSK	50	0	24.07	24.19	24.09	24.7	1.0
20	QPSK	50	28	25.08	25.16	25.10	25.7	0.0
20	QPSK	50	56	24.01	24.18	24.17	24.7	1.0
20	QPSK	100	0	24.08	24.19	24.11		
20	16QAM	1	1	24.14	24.27	24.20	24.7	1.0
20	64QAM	1	1	22.35	22.46	22.43	23.2	2.5
20	256QAM	1	1	20.30	20.45	20.44	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.97	25.16	25.01	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.80	25.11	24.86	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.72	25.07	24.91	25.7	0.0

n5 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.14	20.24	20.03	20.7	0.0
20	PI/2 BPSK	1	53	20.04	20.09	19.96		
20	PI/2 BPSK	1	104	19.96	20.13	19.84		
20	PI/2 BPSK	50	0	20.14	20.29	20.06	20.7	0.0
20	PI/2 BPSK	50	28	19.98	20.03	20.04	20.7	0.0
20	PI/2 BPSK	50	56	19.91	20.06	19.90	20.7	0.0
20	PI/2 BPSK	100	0	19.97	20.05	20.01		
20	QPSK	1	1	20.27	20.31	20.19	20.7	0.0
20	QPSK	1	53	20.06	20.16	20.12		
20	QPSK	1	104	20.04	20.27	20.08		
20	QPSK	50	0	19.87	19.93	19.91	20.7	0.0
20	QPSK	50	28	20.06	20.18	20.04	20.7	0.0
20	QPSK	50	56	19.90	19.81	19.70	20.7	0.0
20	QPSK	100	0	19.87	19.98	19.88		
20	16QAM	1	1	19.95	20.06	19.90	20.7	0.0
20	64QAM	1	1	19.96	19.97	19.89	20.7	0.0
20	256QAM	1	1	19.94	20.02	19.94	20.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.20	20.23	20.14	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.16	20.19	20.07	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.23	20.26	20.14	20.7	0.0

n66 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.47	18.48	18.38	19.2	0.0
40	PI/2 BPSK	1	108	18.24	18.36	18.29		
40	PI/2 BPSK	1	214	18.29	18.29	18.17		
40	PI/2 BPSK	108	0	18.43	18.45	18.23	19.2	0.0
40	PI/2 BPSK	108	54	18.28	18.33	18.34	19.2	0.0
40	PI/2 BPSK	108	108	18.27	18.41	18.23	19.2	0.0
40	PI/2 BPSK	216	0	18.26	18.35	18.28		
40	QPSK	1	1	18.53	18.58	18.52	19.2	0.0
40	QPSK	1	108	18.35	18.42	18.41		
40	QPSK	1	214	18.39	18.49	18.38		
40	QPSK	108	0	18.16	18.15	18.14	19.2	0.0
40	QPSK	108	54	18.43	18.48	18.40	19.2	0.0
40	QPSK	108	108	18.14	18.08	18.02	19.2	0.0
40	QPSK	216	0	18.07	18.41	18.05		
40	16QAM	1	1	18.21	18.26	18.15	19.2	0.0
40	64QAM	1	1	18.01	18.13	17.97	19.2	0.0
40	256QAM	1	1	18.07	18.19	18.24	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.47	18.54	18.36	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.44	18.51	18.44	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.41	18.50	18.43	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.42	18.52	18.41	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.46	18.44	18.46	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.38	18.52	18.42	19.2	0.0

n66 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.41	20.45	20.28	21.2	0.0
40	PI/2 BPSK	1	108	20.29	20.36	20.26		
40	PI/2 BPSK	1	214	20.23	20.27	20.16		
40	PI/2 BPSK	108	0	20.38	20.48	20.19	21.2	0.0
40	PI/2 BPSK	108	54	20.26	20.29	20.23	21.2	0.0
40	PI/2 BPSK	108	108	20.16	20.29	20.15	21.2	0.0
40	PI/2 BPSK	216	0	20.27	20.26	20.29		
40	QPSK	1	1	20.49	20.57	20.44	21.2	0.0
40	QPSK	1	108	20.30	20.42	20.41		
40	QPSK	1	214	20.37	20.42	20.41		
40	QPSK	108	0	20.03	20.14	20.18	21.2	0.0
40	QPSK	108	54	20.42	20.44	20.37	21.2	0.0
40	QPSK	108	108	20.08	20.09	19.96	21.2	0.0
40	QPSK	216	0	20.06	20.41	20.11		
40	16QAM	1	1	20.20	20.23	20.12	21.2	0.0
40	64QAM	1	1	20.13	20.23	20.10	21.2	0.0
40	256QAM	1	1	20.05	20.01	20.05	21.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.42	20.51	20.36	21.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.36	20.50	20.34	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.44	20.52	20.39	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.38	20.49	20.36	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.36	20.47	20.31	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.34	20.49	20.33	21.2	0.0

n66 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.09	19.10	18.89	20.2	0.0
40	PI/2 BPSK	1	108	18.88	18.91	18.88		
40	PI/2 BPSK	1	214	18.85	18.90	18.73		
40	PI/2 BPSK	108	0	18.97	19.12	18.87	20.2	0.0
40	PI/2 BPSK	108	54	18.81	18.89	18.92	20.2	0.0
40	PI/2 BPSK	108	108	18.87	18.90	18.79	20.2	0.0
40	PI/2 BPSK	216	0	18.90	18.89	18.85		
40	QPSK	1	1	19.06	19.15	19.08	20.2	0.0
40	QPSK	1	108	18.90	19.11	19.02		
40	QPSK	1	214	18.89	19.05	18.94		
40	QPSK	108	0	18.70	18.79	18.76	20.2	0.0
40	QPSK	108	54	18.97	19.10	19.06	20.2	0.0
40	QPSK	108	108	18.68	18.67	18.58	20.2	0.0
40	QPSK	216	0	18.72	19.07	18.72		
40	16QAM	1	1	18.84	18.86	18.72	20.2	0.0
40	64QAM	1	1	18.81	18.87	18.72	20.2	0.0
40	256QAM	1	1	19.05	19.06	18.84	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.96	19.08	18.94	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.00	19.08	19.02	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.90	19.06	19.03	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.05	18.99	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.90	19.08	19.00	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.91	19.10	18.96	20.2	0.0

n66 ECI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.61	19.57	19.53	21.0	0.0
40	PI/2 BPSK	1	108	19.48	19.49	19.44		
40	PI/2 BPSK	1	214	19.37	19.48	19.34		
40	PI/2 BPSK	108	0	19.60	19.66	19.36	21.0	0.0
40	PI/2 BPSK	108	54	19.43	19.51	19.37	21.0	0.0
40	PI/2 BPSK	108	108	19.37	19.53	19.42	21.0	0.0
40	PI/2 BPSK	216	0	19.39	19.48	19.40		
40	QPSK	1	1	19.66	19.74	19.68	21.0	0.0
40	QPSK	1	108	19.45	19.56	19.56		
40	QPSK	1	214	19.48	19.56	19.46		
40	QPSK	108	0	19.29	19.38	19.24	21.0	0.0
40	QPSK	108	54	19.64	19.68	19.61	21.0	0.0
40	QPSK	108	108	19.29	19.31	19.15	21.0	0.0
40	QPSK	216	0	19.59	19.62	19.46		
40	16QAM	1	1	19.30	19.42	19.26	21.0	0.0
40	64QAM	1	1	19.30	19.37	19.22	21.0	0.0
40	256QAM	1	1	19.57	19.69	19.51	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.50	19.63	19.60	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.61	19.64	19.57	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.51	19.63	19.63	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.58	19.63	19.55	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.55	19.61	19.57	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.61	19.67	19.63	21.0	0.0

Reduced Power Mode for Other PA ECI4

n5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.06	24.18	24.10	25.7	0.0
20	PI/2 BPSK	1	53	24.03	24.19	24.12		
20	PI/2 BPSK	1	104	24.05	24.17	24.12		
20	PI/2 BPSK	50	0	23.56	23.71	23.64	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.21	24.13	25.7	0.0
20	PI/2 BPSK	50	56	23.57	23.69	23.61	25.2	0.5
20	PI/2 BPSK	100	0	23.51	23.69	23.63		
20	QPSK	1	1	25.13	25.37	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.29	25.32		
20	QPSK	1	104	25.15	25.27	25.21		
20	QPSK	50	0	24.07	24.19	24.09	24.7	1.0
20	QPSK	50	28	25.08	25.16	25.10	25.7	0.0
20	QPSK	50	56	24.01	24.18	24.17	24.7	1.0
20	QPSK	100	0	24.08	24.19	24.11		
20	16QAM	1	1	24.14	24.27	24.20	24.7	1.0
20	64QAM	1	1	22.35	22.46	22.43	23.2	2.5
20	256QAM	1	1	20.30	20.45	20.44	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.97	25.16	25.01	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.80	25.11	24.86	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.72	25.07	24.91	25.7	0.0

n5 ECI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.92	24.06	23.95	25.7	0.0
20	PI/2 BPSK	1	53	23.99	24.00	24.02		
20	PI/2 BPSK	1	104	23.92	24.03	24.01		
20	PI/2 BPSK	50	0	23.51	23.62	23.54	25.2	0.5
20	PI/2 BPSK	50	28	24.00	24.15	24.12	25.7	0.0
20	PI/2 BPSK	50	56	23.49	23.64	23.59	25.2	0.5
20	PI/2 BPSK	100	0	23.45	23.63	23.56		
20	QPSK	1	1	25.23	25.28	25.22	25.7	0.0
20	QPSK	1	53	25.15	25.22	25.16		
20	QPSK	1	104	25.03	25.13	25.11		
20	QPSK	50	0	23.96	24.11	24.05	24.7	1.0
20	QPSK	50	28	24.91	24.99	24.97	25.7	0.0
20	QPSK	50	56	23.98	24.04	24.02	24.7	1.0
20	QPSK	100	0	23.98	24.12	24.03		
20	16QAM	1	1	24.05	24.17	24.08	24.7	1.0
20	64QAM	1	1	22.23	22.38	22.32	23.2	2.5
20	256QAM	1	1	20.23	20.34	20.25	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.14	25.20	25.15	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.04	25.10	25.01	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.97	25.04	24.88	25.7	0.0

n66 ECI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.47	18.48	18.38	19.2	0.0
40	PI/2 BPSK	1	108	18.24	18.36	18.29		
40	PI/2 BPSK	1	214	18.29	18.29	18.17		
40	PI/2 BPSK	108	0	18.43	18.45	18.23	19.2	0.0
40	PI/2 BPSK	108	54	18.28	18.33	18.34	19.2	0.0
40	PI/2 BPSK	108	108	18.27	18.41	18.23	19.2	0.0
40	PI/2 BPSK	216	0	18.26	18.35	18.28		
40	QPSK	1	1	18.53	18.58	18.52	19.2	0.0
40	QPSK	1	108	18.35	18.42	18.41		
40	QPSK	1	214	18.39	18.49	18.38		
40	QPSK	108	0	18.16	18.15	18.14	19.2	0.0
40	QPSK	108	54	18.43	18.48	18.40	19.2	0.0
40	QPSK	108	108	18.14	18.08	18.02	19.2	0.0
40	QPSK	216	0	18.07	18.41	18.05		
40	16QAM	1	1	18.21	18.26	18.15	19.2	0.0
40	64QAM	1	1	18.01	18.13	17.97	19.2	0.0
40	256QAM	1	1	18.07	18.19	18.24	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.47	18.54	18.36	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.44	18.51	18.44	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.41	18.50	18.43	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.42	18.52	18.41	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.46	18.44	18.46	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.38	18.52	18.42	19.2	0.0

n66 ECI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.87	24.85	24.91	25.7	0.0
40	PI/2 BPSK	1	108	24.95	24.84	24.90		
40	PI/2 BPSK	1	214	24.95	24.85	24.85		
40	PI/2 BPSK	108	0	24.44	24.41	24.44	25.2	0.5
40	PI/2 BPSK	108	54	24.36	24.38	24.43	25.7	0.0
40	PI/2 BPSK	108	108	24.43	24.35	24.40	25.2	0.5
40	PI/2 BPSK	216	0	24.35	24.42	24.43		
40	QPSK	1	1	24.94	25.02	24.95	25.7	0.0
40	QPSK	1	108	24.99	24.98	25.00		
40	QPSK	1	214	24.96	24.92	24.92		
40	QPSK	108	0	23.79	23.89	23.84	24.7	1.0
40	QPSK	108	54	24.85	24.88	24.82	25.7	0.0
40	QPSK	108	108	23.85	23.79	23.83	24.7	1.0
40	QPSK	216	0	23.82	23.86	23.82		
40	16QAM	1	1	23.97	23.94	23.89	24.7	1.0
40	64QAM	1	1	22.08	22.18	22.19	23.2	2.5
40	256QAM	1	1	20.05	20.01	20.05	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.90	24.89	24.87	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.90	24.92	24.90	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.86	24.90	24.94	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.87	24.90	24.97	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.86	24.89	24.90	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.87	24.91	24.88	25.7	0.0

n66 ECI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.09	19.10	18.89	20.2	0.0
40	PI/2 BPSK	1	108	18.88	18.91	18.88		
40	PI/2 BPSK	1	214	18.85	18.90	18.73		
40	PI/2 BPSK	108	0	18.97	19.12	18.87	20.2	0.0
40	PI/2 BPSK	108	54	18.81	18.89	18.92	20.2	0.0
40	PI/2 BPSK	108	108	18.87	18.90	18.79	20.2	0.0
40	PI/2 BPSK	216	0	18.90	18.89	18.85		
40	QPSK	1	1	19.06	19.15	19.08	20.2	0.0
40	QPSK	1	108	18.90	19.11	19.02		
40	QPSK	1	214	18.89	19.05	18.94		
40	QPSK	108	0	18.70	18.79	18.76	20.2	0.0
40	QPSK	108	54	18.97	19.10	19.06	20.2	0.0
40	QPSK	108	108	18.68	18.67	18.58	20.2	0.0
40	QPSK	216	0	18.72	19.07	18.72		
40	16QAM	1	1	18.84	18.86	18.72	20.2	0.0
40	64QAM	1	1	18.81	18.87	18.72	20.2	0.0
40	256QAM	1	1	19.05	19.06	18.84	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.96	19.08	18.94	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.00	19.08	19.02	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.90	19.06	19.03	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.05	18.99	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.90	19.08	19.00	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.91	19.10	18.96	20.2	0.0

n66 ECI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.02	24.13	24.06	25.5	0.0
40	PI/2 BPSK	1	108	24.02	24.10	24.05		
40	PI/2 BPSK	1	214	24.10	24.01	24.07		
40	PI/2 BPSK	108	0	23.61	23.63	23.51	25.0	0.5
40	PI/2 BPSK	108	54	24.00	24.08	24.09	25.5	0.0
40	PI/2 BPSK	108	108	23.52	23.51	23.60	25.0	0.5
40	PI/2 BPSK	216	0	23.52	23.60	23.57		
40	QPSK	1	1	24.15	24.18	24.08	25.5	0.0
40	QPSK	1	108	24.05	24.15	24.09		
40	QPSK	1	214	24.05	24.05	24.09		
40	QPSK	108	0	22.94	23.04	23.01	24.5	1.0
40	QPSK	108	54	23.91	23.95	23.94	25.5	0.0
40	QPSK	108	108	23.02	22.91	22.96	24.5	1.0
40	QPSK	216	0	22.93	23.03	23.00		
40	16QAM	1	1	22.55	22.61	22.56	24.5	1.0
40	64QAM	1	1	21.41	21.42	21.33	23.0	2.5
40	256QAM	1	1	19.47	19.54	19.43	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.92	24.11	23.99	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.96	24.04	24.05	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.97	24.02	24.00	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.97	24.05	23.96	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.00	24.01	24.03	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.01	24.01	24.02	25.5	0.0

Reduced Power Mode for Other PA ECI5

n5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.06	24.18	24.10	25.7	0.0
20	PI/2 BPSK	1	53	24.03	24.19	24.12		
20	PI/2 BPSK	1	104	24.05	24.17	24.12		
20	PI/2 BPSK	50	0	23.56	23.71	23.64	25.2	0.5
20	PI/2 BPSK	50	28	24.14	24.21	24.13	25.7	0.0
20	PI/2 BPSK	50	56	23.57	23.69	23.61	25.2	0.5
20	PI/2 BPSK	100	0	23.51	23.69	23.63		
20	QPSK	1	1	25.13	25.37	25.21	25.7	0.0
20	QPSK	1	53	25.25	25.29	25.32		
20	QPSK	1	104	25.15	25.27	25.21		
20	QPSK	50	0	24.07	24.19	24.09	24.7	1.0
20	QPSK	50	28	25.08	25.16	25.10	25.7	0.0
20	QPSK	50	56	24.01	24.18	24.17	24.7	1.0
20	QPSK	100	0	24.08	24.19	24.11		
20	16QAM	1	1	24.14	24.27	24.20	24.7	1.0
20	64QAM	1	1	22.35	22.46	22.43	23.2	2.5
20	256QAM	1	1	20.30	20.45	20.44	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.97	25.16	25.01	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.80	25.11	24.86	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.72	25.07	24.91	25.7	0.0

n5 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.14	20.24	20.03	20.7	0.0
20	PI/2 BPSK	1	53	20.04	20.09	19.96		
20	PI/2 BPSK	1	104	19.96	20.13	19.84		
20	PI/2 BPSK	50	0	20.14	20.29	20.06	20.7	0.0
20	PI/2 BPSK	50	28	19.98	20.03	20.04	20.7	0.0
20	PI/2 BPSK	50	56	19.91	20.06	19.90	20.7	0.0
20	PI/2 BPSK	100	0	19.97	20.05	20.01		
20	QPSK	1	1	20.27	20.31	20.19	20.7	0.0
20	QPSK	1	53	20.06	20.16	20.12		
20	QPSK	1	104	20.04	20.27	20.08		
20	QPSK	50	0	19.87	19.93	19.91	20.7	0.0
20	QPSK	50	28	20.06	20.18	20.04	20.7	0.0
20	QPSK	50	56	19.90	19.81	19.70	20.7	0.0
20	QPSK	100	0	19.87	19.98	19.88		
20	16QAM	1	1	19.95	20.06	19.90	20.7	0.0
20	64QAM	1	1	19.96	19.97	19.89	20.7	0.0
20	256QAM	1	1	19.94	20.02	19.94	20.2	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.20	20.23	20.14	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.16	20.19	20.07	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.23	20.26	20.14	20.7	0.0

n66 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.47	18.48	18.38	19.2	0.0
40	PI/2 BPSK	1	108	18.24	18.36	18.29		
40	PI/2 BPSK	1	214	18.29	18.29	18.17		
40	PI/2 BPSK	108	0	18.43	18.45	18.23	19.2	0.0
40	PI/2 BPSK	108	54	18.28	18.33	18.34	19.2	0.0
40	PI/2 BPSK	108	108	18.27	18.41	18.23	19.2	0.0
40	PI/2 BPSK	216	0	18.26	18.35	18.28		
40	QPSK	1	1	18.53	18.58	18.52	19.2	0.0
40	QPSK	1	108	18.35	18.42	18.41		
40	QPSK	1	214	18.39	18.49	18.38		
40	QPSK	108	0	18.16	18.15	18.14	19.2	0.0
40	QPSK	108	54	18.43	18.48	18.40	19.2	0.0
40	QPSK	108	108	18.14	18.08	18.02	19.2	0.0
40	QPSK	216	0	18.07	18.41	18.05		
40	16QAM	1	1	18.21	18.26	18.15	19.2	0.0
40	64QAM	1	1	18.01	18.13	17.97	19.2	0.0
40	256QAM	1	1	18.07	18.19	18.24	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.47	18.54	18.36	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.44	18.51	18.44	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.41	18.50	18.43	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.42	18.52	18.41	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.46	18.44	18.46	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.38	18.52	18.42	19.2	0.0

n66 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.88	16.92	16.76	17.7	0.0
40	PI/2 BPSK	1	108	16.77	16.80	16.70		
40	PI/2 BPSK	1	214	16.68	16.84	16.68		
40	PI/2 BPSK	108	0	16.86	17.01	16.72	17.7	0.0
40	PI/2 BPSK	108	54	16.73	16.82	16.80	17.7	0.0
40	PI/2 BPSK	108	108	16.66	16.88	16.66	17.7	0.0
40	PI/2 BPSK	216	0	16.68	16.76	16.75		
40	QPSK	1	1	16.91	17.02	17.00	17.7	0.0
40	QPSK	1	108	16.80	16.99	16.85		
40	QPSK	1	214	16.87	16.98	16.81		
40	QPSK	108	0	16.56	16.68	16.62	17.7	0.0
40	QPSK	108	54	16.89	16.91	16.78	17.7	0.0
40	QPSK	108	108	16.64	16.66	16.43	17.7	0.0
40	QPSK	216	0	16.61	16.70	16.64		
40	16QAM	1	1	16.61	16.73	16.66	17.7	0.0
40	64QAM	1	1	16.62	16.73	16.57	17.7	0.0
40	256QAM	1	1	16.72	16.79	16.66	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.79	16.91	16.77	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.86	16.88	16.82	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.83	16.89	16.77	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.74	16.86	16.79	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.78	16.94	16.83	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.84	16.85	16.78	17.7	0.0

n66 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.09	19.10	18.89	20.2	0.0
40	PI/2 BPSK	1	108	18.88	18.91	18.88		
40	PI/2 BPSK	1	214	18.85	18.90	18.73		
40	PI/2 BPSK	108	0	18.97	19.12	18.87	20.2	0.0
40	PI/2 BPSK	108	54	18.81	18.89	18.92	20.2	0.0
40	PI/2 BPSK	108	108	18.87	18.90	18.79	20.2	0.0
40	PI/2 BPSK	216	0	18.90	18.89	18.85		
40	QPSK	1	1	19.06	19.15	19.08	20.2	0.0
40	QPSK	1	108	18.90	19.11	19.02		
40	QPSK	1	214	18.89	19.05	18.94		
40	QPSK	108	0	18.70	18.79	18.76	20.2	0.0
40	QPSK	108	54	18.97	19.10	19.06	20.2	0.0
40	QPSK	108	108	18.68	18.67	18.58	20.2	0.0
40	QPSK	216	0	18.72	19.07	18.72		
40	16QAM	1	1	18.84	18.86	18.72	20.2	0.0
40	64QAM	1	1	18.81	18.87	18.72	20.2	0.0
40	256QAM	1	1	19.05	19.06	18.84	19.2	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.96	19.08	18.94	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.00	19.08	19.02	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.90	19.06	19.03	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.05	18.99	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.90	19.08	19.00	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.91	19.10	18.96	20.2	0.0

n66 ECI5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.02	17.05	17.00	18.5	0.0
40	PI/2 BPSK	1	108	16.99	17.02	16.86		
40	PI/2 BPSK	1	214	16.94	16.92	16.77		
40	PI/2 BPSK	108	0	17.00	17.13	16.91	18.5	0.0
40	PI/2 BPSK	108	54	16.84	17.02	16.96	18.5	0.0
40	PI/2 BPSK	108	108	16.80	16.93	16.87	18.5	0.0
40	PI/2 BPSK	216	0	16.84	16.96	16.89		
40	QPSK	1	1	17.07	17.23	17.11	18.5	0.0
40	QPSK	1	108	17.03	17.05	17.06		
40	QPSK	1	214	16.98	17.13	17.02		
40	QPSK	108	0	16.72	16.78	16.82	18.5	0.0
40	QPSK	108	54	16.97	17.12	16.94	18.5	0.0
40	QPSK	108	108	16.79	16.74	16.62	18.5	0.0
40	QPSK	216	0	16.78	16.88	16.72		
40	16QAM	1	1	16.82	16.91	16.81	18.5	0.0
40	64QAM	1	1	16.79	16.95	16.79	18.5	0.0
40	256QAM	1	1	16.86	16.96	16.78	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.91	17.15	17.03	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.92	17.18	17.01	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.01	17.10	17.06	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.01	17.12	17.06	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.92	17.12	17.00	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.02	17.14	16.98	18.5	0.0

				Ant 10 Full power Extremity Standalone		Ant 8 Full power Extremity Standalone		Ant 10+8 Full power Extremity Standalone		Ant 10 Head Standalone		Ant 8 Head Standalone		Ant 10+8 Head Standalone		Ant 10 Head WIFI only DBS		Ant 8 Head WIFI only DBS		Ant 10+8 Head WIFI only DBS		Ant 10 Head DBS		Ant 8 Head DBS		Ant 10+8 Head DBS		Ant 10 Head Non DBS		Ant 8 Head Non DBS		Ant 10+8 Head Non DBS	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.70	20.50	19.20	20.00	Not Required		15.20	16.00	14.60	15.50	Not Required		12.23	13.00	11.74	12.50	Not Required		6.25	7.00	5.63	7.00	Not Required		9.68	10.50	9.14	10.00	Not Required	
		6	2437	19.80	20.50	19.70	20.50			15.30	16.00	15.10	16.00			12.30	13.00	12.12	13.00			6.36	7.00	6.29	7.00			9.83	10.50	9.73	10.50		
		11	2462	19.30	20.00	19.20	20.50			15.00	15.50	14.70	15.50			11.80	12.50	11.69	13.00			5.94	7.00	5.74	7.00			9.33	10.00	9.20	10.50		
	802.11g 6Mbps	1	2412	19.30	20.00	19.00	19.50			14.80	15.50	14.51	15.50			11.78	12.50	11.51	12.50			5.91	7.00	5.43	6.50			9.28	10.00	9.05	10.00		
		6	2437	19.40	20.00	19.70	20.50			14.80	15.50	14.70	15.50			11.99	12.50	12.18	13.00			5.98	7.00	6.33	7.00			9.36	10.00	9.74	10.50		
		11	2462	19.00	19.50	19.10	20.00			14.60	15.50	14.52	15.50			11.60	12.50	11.56	12.50			5.47	6.50	5.74	6.50			9.08	10.00	9.17	10.00		
	802.11n-HT20 MCS0	1	2412	18.70	19.50	18.60	19.50	21.66	22.50	14.60	15.50	14.70	15.50	17.66	18.50	11.61	12.50	11.63	12.50	14.63	15.50	5.76	6.50	5.71	6.50	8.75	9.50	9.18	10.00	9.21	10.00	12.21	13.00
		6	2437	18.80	19.50	19.30	20.00	22.07	23.00	14.80	15.50	15.27	16.00	18.05	19.00	11.76	12.50	12.41	13.00	15.11	16.00	5.77	6.50	6.25	7.00	9.03	10.00	9.37	10.00	9.84	10.50	12.62	13.50
		11	2462	18.50	19.00	18.60	19.50	21.56	22.50	14.60	15.50	14.80	15.50	17.71	18.50	11.52	12.50	11.55	12.50	14.55	15.50	5.53	6.50	5.51	6.50	8.53	9.50	9.11	10.00	9.05	10.00	12.09	13.00
	802.11ac-VHT20 MCS0	1	2412	18.30	19.00	18.10	19.00	21.21	22.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	12.50	Not Required	12.50	Not Required	15.50	Not Required	6.50	Not Required	6.50	Not Required	9.50	Not Required	10.00	Not Required	10.00	Not Required	13.00
		6	2437	18.30	19.00	18.80	19.50	21.57	22.50		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
		11	2462	18.00	18.50	18.10	19.00	21.06	22.00		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
	802.11ax-HE20 MCS0	1	2412	18.40	19.00	18.20	19.00	21.31	22.00		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
		6	2437	18.50	19.00	19.00	19.50	21.77	22.50		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
		11	2462	18.00	18.50	18.20	19.00	21.11	22.00		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
	802.11be-EHT20 MCS0	1	2412	19.00	19.50	18.80	19.50	21.91	22.50		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
		6	2437	19.10	20.00	19.60	20.00	22.37	23.00		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00
		11	2462	18.60	19.50	18.80	19.50	21.71	22.50		15.50		15.50		18.50		12.50		12.50		15.50		6.50		6.50		9.50		10.00		10.00		13.00

				Ant 6 Full power Extremity Standalone		Ant 17Full power Extremity Standalone		Ant 6+17Full power Extremity Standalone		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 6+17 Head Standalone		Ant 6 Head Non DBS&DBS		Ant 17 Head Non DBS&DBS		Ant 6+17 Head Non DBS&DBS		Ant 6 Head WIFI only DBS		Ant 17 Head WIFI only DBS		Ant 6+17 Head WIFI only DBS		Ant 6 Head WIFI only Non DBS		Ant 17 Head WIFI only Non DBS		Ant 6+17 Head WIFI only Non DBS	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.61	18.50	17.63	18.50	20.63	21.50	Not Required	14.50	Not Required	15.50	Not Required	18.00	Not Required	7.50	Not Required	8.50	Not Required	11.00	Not Required	11.50	Not Required	12.50	Not Required	15.00	Not Required	12.50	Not Required	13.50	Not Required	16.00
		40	5200	17.52	18.50	18.00	18.50	20.78	21.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		44	5220	17.54	18.50	18.04	19.00	20.81	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		48	5240	17.64	18.50	18.15	19.00	20.92	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11n-HT20 MCS0	36	5180	18.21	19.00	18.41	19.00	21.32	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		40	5200	18.18	19.00	18.64	19.50	21.43	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		44	5220	18.23	19.00	18.72	19.50	21.50	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		48	5240	18.40	19.00	18.73	19.50	21.58	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11n-HT40 MCS0	38	5190	17.39	18.00	18.10	19.00	20.77	21.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		46	5230	17.64	18.50	18.36	19.00	21.03	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11ac-VHT20 MCS0	36	5180	18.18	19.00	18.34	19.00	21.27	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		40	5200	18.15	19.00	18.62	19.50	21.40	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		44	5220	18.20	19.00	18.65	19.50	21.44	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		48	5240	18.37	19.00	18.66	19.50	21.53	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11ac-VHT40 MCS0	38	5190	17.34	18.00	18.07	19.00	20.73	21.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		46	5230	17.59	18.50	18.33	19.00	20.99	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11ac-VHT80 MCS0	42	5210	16.42	17.00	17.19	18.00	19.83	20.50	13.94	14.50	14.71	15.50	17.35	18.00	6.97	7.50	7.75	8.50	10.39	11.00	10.88	11.50	11.76	12.50	14.35	15.00	11.98	12.50	12.78	13.50	15.41	16.00
	802.11ax-HE20 MCS0	36	5180	18.21	19.00	18.46	19.00	21.35	22.00	Not Required	14.50	Not Required	15.50	Not Required	18.00	Not Required	7.50	Not Required	8.50	Not Required	11.00	Not Required	11.50	Not Required	12.50	Not Required	15.00	Not Required	12.50	Not Required	13.50	Not Required	16.00
		40	5200	18.20	19.00	18.66	19.50	21.45	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		44	5220	18.23	19.00	18.77	19.50	21.52	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		48	5240	18.40	19.00	18.78	19.50	21.60	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11ax-HE40 MCS0	38	5190	17.39	18.00	18.13	19.00	20.79	21.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		46	5230	17.64	18.50	18.39	19.00	21.04	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11ax-HE80 MCS0	42	5210	16.45	17.00	17.22	18.00	19.86	20.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11be-EHT20 MCS0	36	5180	18.26	19.00	18.50	19.00	21.39	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		40	5200	18.30	19.00	18.65	19.50	21.49	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		44	5220	18.28	19.00	18.81	19.50	21.56	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		48	5240	18.45	19.00	18.82	19.50	21.65	22.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11be-EHT40 MCS0	38	5190	17.42	18.00	18.16	19.00	20.82	21.50		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
		46	5230	17.67	18.50	18.42	19.00	21.07	22.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00
	802.11be-EHT80 MCS0	42	5210	16.52	17.50	17.29	18.00	19.93	21.00		14.50		15.50		18.00		7.50		8.50		11.00		11.50		12.50		15.00		12.50		13.50		16.00

				Ant 6 Full power Extremity Standalone		Ant 17Full power Extremity Standalone		Ant 6+17Full power Extremity Standalone		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 6+17 Head Standalone		Ant 6 Head Non DBS&DBS		Ant 17 Head Non DBS&DBS		Ant 6+17 Head Non DBS&DBS		Ant 6 Head WIFI only DBS		Ant 17 Head WIFI only DBS		Ant 6+17 Head WIFI only DBS		Ant 6 Head WIFI only Non DBS		Ant 17 Head WIFI only Non DBS		Ant 6+17 Head WIFI only Non DBS	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.74	18.50	18.09	19.00	20.93	22.00	Not Required	15.00	Not Required	15.50	Not Required	18.50	Not Required	8.00	Not Required	8.50	Not Required	11.50	Not Required	12.00	Not Required	12.50	Not Required	15.50	Not Required	13.00	Not Required	13.50	Not Required	16.50
		56	5280	17.81	18.50	17.94	18.50	20.89	21.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		60	5300	17.93	18.50	18.10	19.00	21.03	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		64	5320	17.88	18.50	18.09	19.00	21.00	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11n-HT20 MCS0	52	5260	18.63	19.50	19.08	20.00	21.87	23.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		56	5280	18.67	19.50	18.74	19.50	21.72	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		60	5300	18.74	19.50	18.86	19.50	21.81	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		64	5320	18.68	19.50	18.87	19.50	21.79	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11n-HT40 MCS0	54	5270	17.87	18.50	18.58	19.50	21.25	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		62	5310	17.86	18.50	18.53	19.50	21.22	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ac-VHT20 MCS0	52	5260	18.60	19.50	19.01	20.00	21.82	23.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		56	5280	18.65	19.50	18.76	19.50	21.72	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		60	5300	18.71	19.50	18.79	19.50	21.76	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		64	5320	18.65	19.50	18.80	19.50	21.74	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ac-VHT40 MCS0	54	5270	17.82	18.50	18.55	19.50	21.21	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		62	5310	17.81	18.50	18.50	19.00	21.18	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ac-VHT80 MCS0	58	5290	16.97	17.50	17.61	18.50	20.31	21.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ac-VHT160 MCS0	50	5250	15.59	16.50	16.02	17.00	18.82	20.00	14.16	15.00	14.47	15.50	17.33	18.50	7.16	8.00	7.58	8.50	10.39	11.50	11.01	12.00	11.69	12.50	14.37	15.50	12.17	13.00	12.61	13.50	15.41	16.50
	802.11ax-HE20 MCS0	52	5260	18.63	19.50	19.13	20.00	21.90	23.00	Not Required	15.00	Not Required	15.50	Not Required	18.50	Not Required	8.00	Not Required	8.50	Not Required	11.50	Not Required	12.00	Not Required	12.50	Not Required	15.50	Not Required	13.00	Not Required	13.50	Not Required	16.50
		56	5280	18.67	19.50	18.78	19.50	21.74	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		60	5300	18.74	19.50	18.91	19.50	21.84	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		64	5320	18.68	19.50	18.92	19.50	21.81	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ax-HE40 MCS0	54	5270	17.87	18.50	18.61	19.50	21.27	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		62	5310	17.86	18.50	18.56	19.50	21.24	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ax-HE80 MCS0	58	5290	17.00	17.50	17.64	18.50	20.34	21.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11ax-HE160 MCS0	50	5250	15.70	16.50	16.03	17.00	18.88	20.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11be-EHT20 MCS0	52	5260	18.68	19.50	19.17	20.00	21.94	23.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		56	5280	18.71	19.50	18.99	19.50	21.86	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		60	5300	18.79	19.50	18.95	19.50	21.88	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		64	5320	18.73	19.50	18.96	19.50	21.85	22.50		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11be-EHT40 MCS0	54	5270	17.90	18.50	18.64	19.50	21.30	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
		62	5310	17.89	18.50	18.59	19.50	21.27	22.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11be-EHT80 MCS0	58	5290	17.07	18.00	17.71	18.50	20.41	21.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50
	802.11be-EHT160 MCS0	50	5250	15.76	16.50	16.07	17.00	18.93	20.00		15.00		15.50		18.50		8.00		8.50		11.50		12.00		12.50		15.50		13.00		13.50		16.50

				Ant 6 Full power Extremity Standalone		Ant 17 Full power Extremity Standalone		Ant 6+17 Full power Extremity Standalone		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 6+17 Head Standalone		Ant 6 Head Non DBS&DBS		Ant 17 Head Non DBS&DBS		Ant 6+17 Head Non DBS&DBS		Ant 6 Head WIFI only DBS		Ant 17 Head WIFI only DBS		Ant 6+17 Head WIFI only DBS		Ant 6 Head WIFI only Non DBS		Ant 17 Head WIFI only Non DBS		Ant 6+17 Head WIFI only Non DBS	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.87	18.50	18.11	19.00	21.01	22.00	Not Required	15.00	Not Required	14.50	Not Required	18.00	Not Required	8.50	Not Required	8.00	Not Required	11.50	Not Required	12.00	Not Required	11.50	Not Required	15.00	Not Required	13.50	Not Required	13.00	Not Required	16.50
		116	5580	17.72	18.50	17.87	18.50	20.81	21.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		124	5620	17.70	18.50	17.84	18.50	20.78	21.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		132	5660	17.81	18.50	17.89	18.50	20.86	21.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		136	5680	17.74	18.50	18.11	19.00	20.94	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		140	5700	17.79	18.50	18.13	19.00	20.98	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		144	5720	17.64	18.50	18.12	19.00	20.90	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11n-HT20 MCS0	100	5500	18.67	19.50	18.86	19.50	21.78	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		116	5580	18.59	19.50	18.56	19.50	21.59	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		124	5620	18.69	19.50	18.62	19.50	21.67	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		132	5660	18.67	19.50	18.74	19.50	21.72	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		136	5680	18.66	19.50	18.60	19.50	21.64	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		140	5700	18.73	19.50	18.63	19.50	21.69	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		144	5720	18.76	19.50	18.76	19.50	21.77	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11n-HT40 MCS0	102	5510	17.85	18.50	18.41	19.00	21.15	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		110	5550	17.56	18.50	18.20	19.00	20.90	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		126	5630	17.91	18.50	18.28	19.00	21.11	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		134	5670	17.96	18.50	18.31	19.00	21.15	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		142	5710	17.99	18.50	18.25	19.00	21.13	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ac-VHT20 MCS0	100	5500	18.64	19.50	18.79	19.50	21.73	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		116	5580	18.56	19.50	18.49	19.00	21.54	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		124	5620	18.67	19.50	18.60	19.50	21.65	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		132	5660	18.65	19.50	18.68	19.50	21.68	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		136	5680	18.64	19.50	18.58	19.50	21.62	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		140	5700	18.70	19.50	18.56	19.50	21.64	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		144	5720	18.73	19.50	18.69	19.50	21.72	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ac-VHT40 MCS0	102	5510	17.80	18.50	18.38	19.00	21.11	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		110	5550	17.51	18.50	18.17	19.00	20.86	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		126	5630	17.84	18.50	18.21	19.00	21.04	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		134	5670	17.91	18.50	18.28	19.00	21.11	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		142	5710	17.94	18.50	18.22	19.00	21.09	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ac-VHT80 MCS0	106	5530	16.76	17.50	17.24	18.00	20.01	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		122	5610	17.03	18.00	17.04	18.00	20.04	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		138	5690	16.97	17.50	17.20	18.00	20.09	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ac-VHT160 MCS0	114	5570	16.01	17.00	15.89	16.50	18.96	20.00	14.11	15.00	13.92	14.50	17.03	18.00	7.63	8.50	7.44	8.00	10.55	11.50	11.09	12.00	10.86	11.50	13.99	15.00	12.64	13.50	12.45	13.00	15.56	16.50
	802.11ax-HE20 MCS0	100	5500	18.67	19.50	18.91	19.50	21.80	22.50	Not Required	15.00	Not Required	14.50	Not Required	18.00	Not Required	8.50	Not Required	8.00	Not Required	11.50	Not Required	12.00	Not Required	11.50	Not Required	15.00	Not Required	13.50	Not Required	13.00	Not Required	16.50
		116	5580	18.59	19.50	18.61	19.50	21.61	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		124	5620	18.72	19.50	18.65	19.50	21.70	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		132	5660	18.70	19.50	18.77	19.50	21.75	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		136	5680	18.69	19.50	18.63	19.50	21.67	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		140	5700	18.73	19.50	18.68	19.50	21.72	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		144	5720	18.76	19.50	18.81	19.50	21.80	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ax-HE40 MCS0	102	5510	17.85	18.50	18.44	19.00	21.17	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		110	5550	17.56	18.50	18.23	19.00	20.92	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		126	5630	17.93	18.50	18.30	19.00	21.13	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		134	5670	17.96	18.50	18.34	19.00	21.17	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		142	5710	17.99	18.50	18.28	19.00	21.15	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ax-HE80 MCS0	106	5530	16.79	17.50	17.27	18.00	20.05	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		122	5610	17.06	17.50	17.07	18.00	20.07	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		138	5690	17.00	17.50	17.23	18.00	20.13	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11ax-HE160 MCS0	114	5570	16.12	17.00	15.90	16.50	19.02	20.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11be-EHT20 MCS0	100	5500	18.72	19.50	18.95	19.50	21.84	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		116	5580	18.64	19.50	18.65	19.50	21.65	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		126	5630	18.66	19.50	18.68	19.50	21.68	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		140	5700	18.78	19.50	18.72	19.50	21.76	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		144	5720	18.81	19.50	18.85	19.50	21.84	22.50		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11be-EHT40 MCS0	102	5510	17.88	18.50	18.47	19.00	21.20	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		110	5550	17.59	18.50	18.26	19.00	20.95	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		134	5670	17.99	18.50	18.37	19.00	21.20	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		142	5710	18.02	18.50	18.31	19.00	21.18	22.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11be-EHT80 MCS0	106	5530	16.86	17.50	17.34	18.00	20.12	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		122	5610	17.13	18.00	17.14	18.00	20.15	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
		138	5690	17.07	17.50	17.30	18.00	20.20	21.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50
	802.11be-EHT160 MCS0	114	5570	16.18	17.00	15.94	16.50	19.07	20.00		15.00		14.50		18.00		8.50		8.00		11.50		12.00		11.50		15.00		13.50		13.00		16.50

				Ant 6 Full power Extremity Standalone		Ant 17 Full power Extremity Standalone		Ant 6+17 Full power Extremity Standalone		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 6+17 Head Standalone		Ant 6 Head Non DBS&DBS		Ant 17 Head Non DBS&DBS		Ant 6+17 Head Non DBS&DBS		Ant 6 Head WIFI only DBS		Ant 17 Head WIFI only DBS		Ant 6+17 Head WIFI only DBS		Ant 6 Head WIFI only Non DBS		Ant 17 Head WIFI only Non DBS		Ant 6+17 Head WIFI only Non DBS	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.04	20.00	19.39	20.00	22.23	23.00	Not Required	13.50	Not Required	14.50	Not Required	17.00	Not Required	6.00	Not Required	7.00	Not Required	9.50	Not Required	10.00	Not Required	11.00	Not Required	13.50	Not Required	11.00	Not Required	12.00	Not Required	14.50
		157	5785	19.03	20.00	19.72	20.50	22.40	23.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		165	5825	19.26	20.00	19.74	20.50	22.52	23.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11n-HT20 MCS0	149	5745	18.09	19.00	18.36	19.00	21.24	22.00		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		157	5785	18.13	19.00	18.63	19.50	21.40	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		165	5825	18.28	19.00	18.69	19.50	21.50	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11n-HT40 MCS0	151	5755	17.24	18.00	18.07	19.00	20.69	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		159	5795	17.32	18.00	18.41	19.00	20.91	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11ac-VHT20 MCS0	149	5745	18.04	19.00	18.34	19.00	21.21	22.00		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		157	5785	18.08	19.00	18.61	19.50	21.37	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		165	5825	18.23	19.00	18.67	19.50	21.47	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11ac-VHT40 MCS0	151	5755	17.20	18.00	18.03	19.00	20.65	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		159	5795	17.28	18.00	18.36	19.00	20.86	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11ac-VHT80 MCS0	155	5775	16.33	17.00	17.29	18.00	19.84	20.50	12.94	13.50	13.93	14.50	16.47	17.00	5.35	6.00	6.37	7.00	8.90	9.50	9.42	10.00	10.33	11.00	12.91	13.50	10.35	11.00	11.36	12.00	13.89	14.50
	802.11ax-HE20 MCS0	149	5745	18.12	19.00	18.41	19.00	21.28	22.00	Not Required	13.50	Not Required	14.50	Not Required	17.00	Not Required	6.00	Not Required	7.00	Not Required	9.50	Not Required	10.00	Not Required	11.00	Not Required	13.50	Not Required	11.00	Not Required	12.00	Not Required	14.50
		157	5785	18.16	19.00	18.68	19.50	21.44	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		165	5825	18.31	19.00	18.74	19.50	21.54	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11ax-HE40 MCS0	151	5755	17.27	18.00	18.10	19.00	20.72	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		159	5795	17.34	18.00	18.42	19.00	20.93	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11ax-HE80 MCS0	155	5775	16.38	17.00	17.33	18.00	19.89	20.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11be-EHT20 MCS0	149	5745	18.14	19.00	18.45	19.00	21.31	22.00		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		157	5785	18.18	19.00	18.72	19.50	21.47	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		165	5825	18.33	19.00	18.78	19.50	21.57	22.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11be-EHT40 MCS0	151	5755	17.30	18.00	18.13	19.00	20.75	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
		159	5795	17.38	18.00	18.47	19.00	20.97	21.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50
	802.11be-EHT80 MCS0	155	5775	16.47	17.00	17.43	18.00	19.99	20.50		13.50		14.50		17.00		6.00		7.00		9.50		10.00		11.00		13.50		11.00		12.00		14.50

				Ant 10 Body worn/Hotspot Standalone		Ant 8 Body worn/Hotspot Standalone		Ant 10+8 Body worn/Hotspot Standalone		Ant 10 Body worn/Hotspot WIFI only DBS		Ant 8 Body worn/Hotspot WIFI only DBS		Ant 10+8 Body worn/Hotspot WIFI only DBS		Ant 10 Body worn/Hotspot Non DBS		Ant 8 Body worn/Hotspot Non DBS		Ant 10+8 Body worn/Hotspot Non DBS		Ant 10 Body worn/Hotspot DBS		Ant 8 Body worn/Hotspot DBS		Ant 10+8 Body worn/Hotspot DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.20	18.00	16.70	17.50	Not Required		14.09	15.00	13.48	14.50	Not Required		11.82	12.50	11.37	12.00	Not Required		8.30	9.00	7.80	8.50	Not Required		98.47
		6	2437	17.21	18.00	17.00	17.50			14.23	15.00	14.07	15.00			11.89	12.50	11.73	12.50			8.40	9.00	8.10	9.00			
		11	2462	16.90	17.50	16.60	17.50			13.94	14.50	13.57	14.50			11.44	12.00	11.51	12.50			8.00	8.50	7.90	8.50			
	802.11g 6Mbps	1	2412	16.80	17.50	16.60	17.50			13.72	14.50	13.55	14.50			11.40	12.00	11.10	12.00			7.90	8.50	7.80	8.50			96.53
		6	2437	16.90	17.50	16.80	17.50			13.72	14.50	13.63	14.50			11.46	12.00	11.78	12.50			8.00	8.50	7.90	8.50			
		11	2462	16.70	17.50	16.50	17.50			13.52	14.50	13.54	14.50			11.21	12.00	11.12	12.00			7.80	8.50	7.60	8.50			
	802.11n-HT20 MCS0	1	2412	16.54	17.50	16.60	17.50	19.58	20.50	13.57	14.50	13.66	14.50	16.63	17.50	11.18	12.00	11.21	12.00	14.21	15.00	7.70	8.50	7.70	8.50	10.71	11.50	96.32
		6	2437	16.70	17.50	17.00	17.50	19.86	20.50	13.72	14.50	14.16	15.00	16.96	18.00	11.35	12.00	11.97	12.50	14.68	16.00	7.60	8.50	8.00	8.50	10.81	11.50	
		11	2462	16.51	17.50	16.70	17.50	19.62	20.50	13.55	14.50	13.76	14.50	16.67	17.50	11.13	12.00	11.15	12.00	14.15	15.00	7.60	8.50	7.50	8.50	10.56	11.50	
	802.11ac-VHT20 MCS0	1	2412	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	8.50	Not Required	8.50	Not Required	11.50	96.32
		6	2437		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	
		11	2462		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	
	802.11ax-HE20 MCS0	1	2412		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	95.33
		6	2437		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	
		11	2462		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	
	802.11be-EHT20 MCS0	1	2412		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	95.37
		6	2437		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	
		11	2462		17.50		17.50		20.50		14.50		14.50		17.50		12.00		12.00		15.00		8.50		8.50		11.50	

				Ant 6 Body worn&Hotspot Standalone/Hotspot WIFI only Non DBS/Hotspot WIFI only DBS		Ant 17 Body worn&Hotspot Standalone/Hotspot WIFI only Non DBS/Hotspot WIFI only DBS		Ant 6+17 Body worn&Hotspot Standalone/Hotspot WIFI only Non DBS/Hotspot WIFI only DBS		Ant 6 Body worn WIFI only Non DBS		Ant 17 Body worn WIFI only Non DBS		Ant 6+17 Body worn WIFI only Non DBS		Ant 6 Body worn WIFI only DBS		Ant 17 Body worn WIFI only DBS		Ant 6+17 Body worn WIFI only DBS		Ant 6 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		Ant 17 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		Ant 6+17 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	17.50	Not Required	18.50	Not Required	21.00	Not Required	16.00	Not Required	17.00	Not Required	19.50	Not Required	14.50	Not Required	15.50	Not Required	18.00	Not Required	11.00	Not Required	11.50	Not Required	14.50	96.53
		40	5200		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		44	5220		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		48	5240		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11n-HT20 MCS0	36	5180		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	96.32
		40	5200		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		44	5220		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		48	5240		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11n-HT40 MCS0	38	5190	16.92	17.50	17.68	18.50	20.33	21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	92.86
		46	5230	17.18	18.00	17.81	18.50	20.52	21.50		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	17.50	Not Required	18.50	Not Required	21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	96.32
		40	5200		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		44	5220		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		48	5240		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11ac-VHT40 MCS0	38	5190		17.50		18.50		21.50		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	92.96
		46	5230		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11ac-VHT80 MCS0	42	5210		17.00		18.00		20.50	15.27	16.00	16.19	17.00	18.76	19.50	13.85	14.50	14.72	15.50	17.32	18.00	10.01	11.00	10.97	11.50	13.53	14.50	85.37
	802.11ax-HE20 MCS0	36	5180		17.50		18.50		21.00	Not Required	16.00	Not Required	17.00	Not Required	19.50	Not Required	14.50	Not Required	15.50	Not Required	18.00	Not Required	11.00	Not Required	11.50	Not Required	14.50	95.28
		40	5200		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		44	5220		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		48	5240		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11ax-HE40 MCS0	38	5190		17.50		18.50		21.50		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	91.53
		46	5230		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11ax-HE80 MCS0	42	5210		17.00		18.00		20.50		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	86.11
	802.11be-EHT20 MCS0	36	5180		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	95.37
		40	5200		17.00		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		44	5220		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
		48	5240		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11be-EHT40 MCS0	38	5190		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	91.67
		46	5230		17.50		18.50		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	
	802.11be-EHT80 MCS0	42	5210		17.50		18.00		21.00		16.00		17.00		19.50		14.50		15.50		18.00		11.00		11.50		14.50	86.49

				Ant 6 Body worn Standalone		Ant 17 Body worn Standalone		Ant 6+17 Body worn Standalone		Ant 6 Body worn WIFI only Non DBS		Ant 17 Body worn WIFI only Non DBS		Ant 6+17 Body worn WIFI only Non DBS		Ant 6 Body worn WIFI only DBS		Ant 17 Body worn WIFI only DBS		Ant 6+17 Body worn WIFI only DBS		Ant 6 Body worn Non DBS&DBS		Ant 17 Body worn Non DBS&DBS		Ant 6+17 Body worn Non DBS&DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	18.00	Not Required	19.00	Not Required	21.50	Not Required	17.00	Not Required	18.00	Not Required	20.50	Not Required	15.50	Not Required	16.00	Not Required	19.00	Not Required	11.50	Not Required	12.00	Not Required	15.00	96.53
		56	5280		18.00		18.50		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		60	5300		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		64	5320		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11n-HT20 MCS0	52	5260		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	96.32
		56	5280		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		60	5300		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		64	5320		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11n-HT40 MCS0	54	5270	17.48	18.00	18.06	19.00	20.79	21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	92.86
		62	5310	17.43	18.00	18.01	19.00	20.74	21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	Not Required	19.00	Not Required	21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	96.32
		56	5280		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		60	5300		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		64	5320		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11ac-VHT40 MCS0	54	5270		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	92.96
		62	5310		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11ac-VHT80 MCS0	58	5290		17.50		18.50		21.00	16.47	17.00	17.11	18.00	19.81	20.50		15.50		16.00		19.00		11.50		12.00		15.00	85.37
	802.11ac-VHT160 MCS0	50	5250		16.50		17.00		20.00	Not Required	16.50	Not Required	17.00	Not Required	20.00	14.72	15.50	15.16	16.00	17.96	19.00	10.62	11.50	11.07	12.00	13.86	15.00	92.54
	802.11ax-HE20 MCS0	52	5260		18.00		19.00		21.50		17.00		18.00		20.50	Not Required	15.50	Not Required	16.00	Not Required	19.00	Not Required	11.50	Not Required	12.00	Not Required	15.00	95.28
		56	5280		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		60	5300		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		64	5320		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11ax-HE40 MCS0	54	5270		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	91.53
		62	5310		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11ax-HE80 MCS0	58	5290		17.50		19.00		21.00		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	86.11
	802.11ax-HE160 MCS0	50	5250		16.50		17.00		20.00		16.50		17.00		20.00		15.50		16.00		19.00		11.50		12.00		15.00	91.23
	802.11be-EHT20 MCS0	52	5260		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	95.37
		56	5280		18.00		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		60	5300		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
		64	5320		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11be-EHT40 MCS0	54	5270		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	91.67
		62	5310		18.50		19.00		21.50		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	
	802.11be-EHT80 MCS0	58	5290		18.00		18.50		21.00		17.00		18.00		20.50		15.50		16.00		19.00		11.50		12.00		15.00	86.49
	802.11be-EHT160 MCS0	50	5250		16.50		17.00		20.00		16.50		17.00		20.00		15.50		16.00		19.00		11.50		12.00		15.00	91.38

				Ant 6 Body worn Standalone		Ant 17 Body worn Standalone		Ant 6+17 Body worn Standalone		Ant 6 Body worn WIFI only Non DBS		Ant 17 Body worn WIFI only Non DBS		Ant 6+17 Body worn WIFI only Non DBS		Ant 6 Body worn WIFI only DBS		Ant 17 Body worn WIFI only DBS		Ant 6+17 Body worn WIFI only DBS		Ant 6 Body worn Non DBS&DBS		Ant 17 Body worn Non DBS&DBS		Ant 6+17 Body worn Non DBS&DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	18.50	Not Required	19.00	Not Required	22.00	Not Required	17.00	Not Required	17.50	Not Required	20.50	Not Required	16.50	Not Required	16.00	Not Required	19.50	Not Required	12.00	Not Required	11.50	Not Required	15.00	96.53
		116	5580		18.50		18.50		21.50		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		124	5620		18.50		18.50		21.50		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		132	5660		18.50		18.50		21.50		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		136	5680		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		140	5700		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		144	5720		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11n-HT20 MCS0	100	5500		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	96.32
		116	5580		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		124	5620		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		132	5660		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		136	5680		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		140	5700		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		144	5720		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11n-HT40 MCS0	102	5510	17.85	18.50	18.41	19.00	21.15	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	92.86
		110	5550	17.56	18.50	18.20	19.00	20.90	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		126	5630	17.91	18.50	18.28	19.00	21.11	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		134	5670	17.96	18.50	18.31	19.00	21.15	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		142	5710	17.99	18.50	18.25	19.00	21.13	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ac-VHT20 MCS0	100	5500	Not Required	18.50	Not Required	19.00	Not Required	22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	96.32
		116	5580		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		124	5620		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		132	5660		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		136	5680		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		140	5700		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		144	5720		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ac-VHT40 MCS0	102	5510		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	92.96
		110	5550		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		126	5630		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		134	5670		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		142	5710		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ac-VHT80 MCS0	106	5530		17.50		18.00		21.00	16.67	17.50	16.69	17.50	19.69	20.50		16.50		16.00		19.50		12.00		11.50		15.00	85.37
		122	5610		18.00		18.00		21.00	16.61	17.50	16.51	17.50	19.57	20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		138	5690		17.50		18.00		21.00	16.45	17.00	16.62	17.50	19.55	20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ac-VHT160 MCS0	114	5570		17.00		16.50		20.00	Not Required	17.00	Not Required	16.50	Not Required	20.00	15.51	16.50	15.47	16.00	18.50	19.50	11.09	12.00	10.86	11.50	13.99	15.00	92.54
	802.11ax-HE20 MCS0	100	5500		18.50		19.00		22.00		17.00		17.50		20.50	Not Required	16.50	Not Required	16.00	Not Required	19.50	Not Required	12.00	Not Required	11.50	Not Required	15.00	95.28
		116	5580		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		124	5620		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		132	5660		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		136	5680		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		140	5700		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		144	5720		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ax-HE40 MCS0	102	5510		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	91.53
		110	5550		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		126	5630		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		134	5670		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		142	5710		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ax-HE80 MCS0	106	5530		17.50		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	86.11
		122	5610		17.50		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		138	5690		17.50		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11ax-HE160 MCS0	114	5570		17.00		16.50		20.00		17.00		16.50		20.00		16.50		16.00		19.50		12.00		11.50		15.00	91.23
	802.11be-EHT20 MCS0	100	5500		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	95.37
		116	5580		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		126	5630		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		140	5700		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		144	5720		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11be-EHT40 MCS0	102	5510		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	91.67
		110	5550		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		134	5670		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		142	5710		18.50		19.00		22.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11be-EHT80 MCS0	106	5530		17.50		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	86.49
		122	5610		18.00		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
		138	5690		17.50		18.00		21.00		17.00		17.50		20.50		16.50		16.00		19.50		12.00		11.50		15.00	
	802.11be-EHT160 MCS0	114	5570		17.00		16.50		20.00		17.00		16.50		20.00		16.50		16.00		19.50		12.00		11.50		15.00	91.38

				Ant 6 Body worn/Hotspot Standalone		Ant 17 Body worn/Hotspot Standalone		Ant 6+17 Body worn/Hotspot Standalone		Ant 6 Body worn/Hotspot WIFI only Non DBS		Ant 17 Body worn/Hotspot WIFI only Non DBS		Ant 6+17 Body worn/Hotspot WIFI only Non DBS		Ant 6 Body worn/Hotspot WIFI only DBS		Ant 17 Body worn/Hotspot WIFI only DBS		Ant 6+17 Body worn/Hotspot WIFI only DBS		Ant 6 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		Ant 17 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		Ant 6+17 Body worn Non DBS&DBS /Hotspot Non DBS&DBS		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	17.00	Not Required	18.00	Not Required	20.50	Not Required	15.00	Not Required	15.50	Not Required	18.50	Not Required	13.50	Not Required	14.50	Not Required	17.00	Not Required	10.00	Not Required	11.00	Not Required	13.50	96.53
		157	5785		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
		165	5825		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11n-HT20 MCS0	149	5745		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	96.32
		157	5785		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
		165	5825		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11n-HT40 MCS0	151	5755		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	92.86
		159	5795		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11ac-VHT20 MCS0	149	5745		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	96.32
		157	5785		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
		165	5825		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11ac-VHT40 MCS0	151	5755		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	92.96
		159	5795		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11ac-VHT80 MCS0	155	5775	16.33	17.00	17.29	18.00	19.84	20.50	14.38	15.00	14.85	15.50	17.63	18.50	12.55	13.50	13.52	14.50	16.07	17.00	9.42	10.00	10.33	11.00	12.91	13.50	85.37
	802.11ax-HE20 MCS0	149	5745	Not Required	17.00	Not Required	18.00	Not Required	20.50	Not Required	15.00	Not Required	15.50	Not Required	18.50	Not Required	13.50	Not Required	14.50	Not Required	17.00	Not Required	10.00	Not Required	11.00	Not Required	13.50	95.28
		157	5785		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
		165	5825		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11ax-HE40 MCS0	151	5755		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	91.53
		159	5795		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11ax-HE80 MCS0	155	5775		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	86.11
	802.11be-EHT20 MCS0	149	5745		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	95.37
		157	5785		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
		165	5825		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11be-EHT40 MCS0	151	5755		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	91.67
		159	5795		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	
	802.11be-EHT80 MCS0	155	5775		17.00		18.00		20.50		15.00		15.50		18.50		13.50		14.50		17.00		10.00		11.00		13.50	86.49

BR / EDR Conducted Power

BT 2.0 Ant8 RF1

Mode	Channel	Frequency (MHz)	Fullpower/Hotspot WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	16.80	13.90	13.90	18.00
	CH 39	2441	16.30	13.10	13.10	18.00
	CH 78	2480	16.10	13.10	13.10	18.00

Mode	Channel	Frequency (MHz)	Body-worn WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	13.00	Not Required		15.00
	CH 39	2441	13.00			15.00
	CH 78	2480	13.30			15.00

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Head WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.50	Not Required		13.00
	CH 39	2441	11.60			13.00
	CH 78	2480	12.20			14.00

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	8.50	Not Required		10.00
	CH 39	2441	8.70			10.00
	CH 78	2480	9.20			11.00

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.90	Not Required		17.50
	CH 39	2441	14.70			16.50
	CH 78	2480	15.20			17.00

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	9.20	Not Required		11.00
	CH 39	2441	9.50			11.00
	CH 78	2480	10.10			12.00

Mode	Channel	Frequency (MHz)	Head Non DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	6.20	Not Required		8.00
	CH 39	2441	6.60			8.00
	CH 78	2480	7.30			9.00

BT 2.0 Ant10 RF0

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	16.80	13.90	13.90	18.50
	CH 39	2441	16.80	13.90	13.90	18.50
	CH 78	2480	16.70	13.80	13.80	18.50

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	13.00	Not Required		15.00
	CH 39	2441	13.40			15.00
	CH 78	2480	14.20			16.00

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.30	Not Required		13.00
	CH 39	2441	11.70			13.00
	CH 78	2480	12.10			14.00

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	8.30	Not Required		10.00
	CH 39	2441	8.70			10.00
	CH 78	2480	9.30			11.00

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	14.10	Not Required		16.00
	CH 39	2441	14.40			16.00
	CH 78	2480	14.50			16.00

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	12.00	Not Required		14.00
	CH 39	2441	12.20			14.00
	CH 78	2480	13.20			15.00

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	10.20	Not Required		12.00
	CH 39	2441	10.60			12.00
	CH 78	2480	11.10			13.00

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	7.30	Not Required		9.00
	CH 39	2441	7.70			9.00
	CH 78	2480	8.20			10.00

BLE(1M&2M) Conducted Power

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm)	Tune-up Limit
LE	CH 00	2402	16.70	18.00
	CH 19	2440	16.00	18.00
	CH 39	2480	16.00	18.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm)	Tune-up Limit
LE	CH 01	2404	16.70	18.00
	CH 19	2440	16.70	18.00
	CH 38	2478	16.30	18.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 00	2402	12.95	15.00
	CH 19	2440	13.24	15.00
	CH 39	2480	13.35	15.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 01	2404	12.99	15.00
	CH 19	2440	13.02	15.00
	CH 38	2478	13.14	15.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Head WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 00	2402	11.38	13.00
	CH 19	2440	11.78	13.00
	CH 39	2480	12.29	14.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Head WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 01	2404	11.43	13.00
	CH 19	2440	11.67	13.00
	CH 38	2478	12.05	14.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.46	10.00
	CH 19	2440	8.97	10.00
	CH 39	2480	9.31	11.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	8.59	10.00
	CH 19	2440	8.84	10.00
	CH 38	2478	9.05	11.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm)	Tune-up Limit
LE	CH 00	2402	15.32	17.50
	CH 19	2440	14.37	16.50
	CH 39	2480	14.49	17.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm)	Tune-up Limit
LE	CH 01	2404	15.47	17.50
	CH 19	2440	14.44	16.50
	CH 38	2478	14.58	17.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	9.49	11.00
	CH 19	2440	9.75	11.00
	CH 39	2480	10.25	12.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	9.47	11.00
	CH 19	2440	9.77	11.00
	CH 38	2478	10.08	12.00

BLE_1M Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS BF Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.34	8.00
	CH 19	2440	6.77	8.00
	CH 39	2480	7.32	9.00

BLE_2M Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS BF Average power (dBm)	Tune-up Limit
LE	CH 01	2404	6.42	8.00
	CH 19	2440	6.68	8.00
	CH 38	2478	7.15	9.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm)	Tune-up Limit
LE	CH 00	2402	16.90	18.50
	CH 19	2440	16.90	18.50
	CH 39	2480	16.70	18.50

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm)	Tune-up Limit
LE	CH 01	2404	16.80	18.50
	CH 19	2440	16.80	18.50
	CH 38	2478	16.70	18.50

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.29	15.00
	CH 19	2440	13.68	15.00
	CH 39	2480	14.35	16.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm)	Tune-up Limit
LE	CH 01	2404	13.29	15.00
	CH 19	2440	13.63	15.00
	CH 38	2478	14.15	16.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	11.59	13.00
	CH 19	2440	11.96	13.00
	CH 39	2480	12.29	14.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	11.56	13.00
	CH 19	2440	11.87	13.00
	CH 38	2478	12.35	14.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.46	10.00
	CH 19	2440	8.94	10.00
	CH 39	2480	9.28	11.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	8.59	10.00
	CH 19	2440	8.88	10.00
	CH 38	2478	9.33	11.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm)	Tune-up Limit
LE	CH 00	2402	14.44	16.00
	CH 19	2440	14.89	16.00
	CH 39	2480	14.68	16.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Head Standalone Average power (dBm)	Tune-up Limit
LE	CH 01	2404	14.49	16.00
	CH 19	2440	14.89	16.00
	CH 38	2478	14.65	16.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	12.27	14.00
	CH 19	2440	12.61	14.00
	CH 39	2480	13.32	15.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	12.29	14.00
	CH 19	2440	12.66	14.00
	CH 38	2478	13.16	15.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	10.45	12.00
	CH 19	2440	10.88	12.00
	CH 39	2480	11.34	13.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	10.49	12.00
	CH 19	2440	10.88	12.00
	CH 38	2478	11.33	13.00

BLE_1M Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 00	2402	7.57	9.00
	CH 19	2440	7.88	9.00
	CH 39	2480	8.39	10.00

BLE_2M Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS Average power (dBm)	Tune-up Limit
LE	CH 01	2404	7.55	9.00
	CH 19	2440	7.98	9.00
	CH 38	2478	8.42	10.00

BLE(125kbps&500kbps) Conducted Power

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Fullpower&Body-worn/Hotspot WiFi onlyNon DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.60	14.50
	CH 19	2440	13.60	14.50
	CH 39	2480	13.90	14.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Fullpower&Body-worn/Hotspot WiFi onlyNon DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	14.00	15.50
	CH 19	2440	13.30	15.00
	CH 39	2480	14.00	15.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Fullpower&Body-worn/Hotspot WiFi onlyNon DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.50	15.00
	CH 19	2440	13.50	15.00
	CH 39	2480	13.80	15.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Fullpower&Body-worn/Hotspot WiFi onlyNon DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.90	15.50
	CH 19	2440	13.20	15.00
	CH 39	2480	13.90	15.50

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Head WiFi onlyNon DBS BF:	Tune-up Limit
LE	CH 00	2402	11.30	13.00
	CH 19	2440	11.74	13.00
	CH 39	2480	12.25	13.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	11.49	13.00
	CH 19	2440	11.89	13.00
	CH 39	2480	12.31	13.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS Head WiFi onlyNon DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	11.33	13.00
	CH 19	2440	11.68	13.00
	CH 39	2480	12.20	14.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	11.47	13.00
	CH 19	2440	11.87	13.00
	CH 39	2480	12.27	14.00

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.43	10.00
	CH 19	2440	8.78	10.00
	CH 39	2480	9.28	10.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.43	10.00
	CH 19	2440	8.86	10.00
	CH 39	2480	9.27	10.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.27	10.00
	CH 19	2440	8.84	10.00
	CH 39	2480	9.24	11.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.39	10.00
	CH 19	2440	8.72	10.00
	CH 39	2480	9.35	11.00

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Head Standalone: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.60	14.50
	CH 19	2440	13.60	14.50
	CH 39	2480	13.90	14.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Head Standalone: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	14.00	15.50
	CH 19	2440	13.30	15.00
	CH 39	2480	14.00	15.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Head Standalone: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.50	15.00
	CH 19	2440	13.50	15.00
	CH 39	2480	13.80	15.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Head Standalone: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.90	15.50
	CH 19	2440	13.20	15.00
	CH 39	2480	13.90	15.50

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	9.40	11.00
	CH 19	2440	9.74	11.00
	CH 39	2480	10.18	11.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Head WiFi onlyNon DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	12.19	14.00
	CH 19	2440	12.64	14.00
	CH 39	2480	13.27	14.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	9.43	11.00
	CH 19	2440	9.86	11.00
	CH 39	2480	10.15	12.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Head WiFi onlyNon DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	12.25	14.00
	CH 19	2440	12.55	14.00
	CH 39	2480	13.31	15.00

BLE_125kbps Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.33	8.00
	CH 19	2440	6.74	8.00
	CH 39	2480	7.30	8.50

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	10.38	12.00
	CH 19	2440	10.75	12.00
	CH 39	2480	11.24	12.50

BLE_500kbps Ant8

Mode	Channel	Frequency (MHz)	Head Non DBS BF: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.35	8.00
	CH 19	2440	6.65	8.00
	CH 39	2480	7.12	9.00

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	10.39	12.00
	CH 19	2440	10.72	12.00
	CH 39	2480	11.23	13.00

BLE_125kbps Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	7.47	9.00
	CH 19	2440	7.84	9.00
	CH 39	2480	8.24	9.50

BLE_500kbps Ant10

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS: Average power (dBm)	Tune-up Limit
LE	CH 00	2402	7.49	9.00
	CH 19	2440	7.80	9.00
	CH 39	2480	8.24	9.50

BR / EDR Beamforming Power

BT 2.0 Ant8+10(8) RF1

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	13.78	10.84	10.70	14.50
	CH 39	2441	13.82	10.74	10.74	14.50
	CH 78	2480	13.80	10.72	10.72	14.50

BT 2.0 Ant8+10(8) RF1

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.10	Not Required		13.00
	CH 39	2441	11.60			13.00
	CH 78	2480	12.10			14.00

BT 2.0 Ant8+10(8) RF1

Mode	Channel	Frequency (MHz)	Head Non DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	6.10	Not Required		8.00
	CH 39	2441	6.40			8.00
	CH 78	2480	7.20			9.00

BT 2.0 Ant8+10(8) RF1

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	12.60	Not Required		14.50
	CH 39	2441	12.80			14.50
	CH 78	2480	13.10			14.50

BT 2.0 Ant8+10(8) RF1

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	8.30	Not Required		10.00
	CH 39	2441	8.60			10.00
	CH 78	2480	9.10			11.00

BT 2.0 Ant8+10(10) RF0

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	13.66	10.62	10.74	14.50
	CH 39	2441	13.71	10.76	10.89	14.50
	CH 78	2480	13.68	10.71	10.84	14.50

BT 2.0 Ant8+10(10) RF0

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	10.40	Not Required		12.00
	CH 39	2441	10.80			12.50
	CH 78	2480	11.20			13.00

BT 2.0 Ant8+10(10) RF0

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	5.60	Not Required		7.50
	CH 39	2441	6.10			8.00
	CH 78	2480	6.60			8.50

BT 2.0 Ant8+10(10) RF0

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	12.20	Not Required		14.00
	CH 39	2441	12.60			14.00
	CH 78	2480	13.30			14.50

BT 2.0 Ant8+10(10) RF0

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	7.50	Not Required		9.00
	CH 39	2441	7.80			9.00
	CH 78	2480	8.40			10.00

BT 2.0 Ant8+10 RF1+0

Mode	Channel	Frequency (MHz)	Fullpower Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	16.73	13.74	13.73	18.00
	CH 39	2441	16.78	13.76	13.86	18.00
	CH 78	2480	16.75	13.73	13.82	18.00

BT 2.0 Ant8+10 RF1+0

Mode	Channel	Frequency (MHz)	Head WIFI onlyNon DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	13.80	Not Required		15.50
	CH 39	2441	14.20			16.00
	CH 78	2480	14.70			16.50

BT 2.0 Ant8+10 RF1+0

Mode	Channel	Frequency (MHz)	Head Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	8.90	Not Required		11.00
	CH 39	2441	9.30			11.00
	CH 78	2480	9.90			12.00

BT 2.0 Ant8+10 RF1+0

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot WIFI onlyNon DBS BF Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.40	Not Required		17.50
	CH 39	2441	15.70			17.50
	CH 78	2480	16.20			17.50

BT 2.0 Ant8+10 RF1+0

Mode	Channel	Frequency (MHz)	Body-worn/Hotspot Non DBS BF/DBS Average power (dBm) 1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	10.90	Not Required		12.50
	CH 39	2441	11.20			12.50
	CH 78	2480	11.80			13.50