Full&Default Power Mode Main PA

GSM850 Ant 0 Default

GSM850 Ant 0	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	32.60	32.66	32.48	33.50	23.60	23.66	23.48	24.50
GPRS 1 Tx slot	32.69	32.71	32.55	33.50	23.69	23.71	23.55	24.50
GPRS 2 Tx slots	31.07	31.10	30.96	32.00	25.07	25.10	24.95	26.00
GPRS 3 Tx slots	28.87	28.92	28.81	30.00	24.61	24.66	24.55	25.74
GPRS 4 Tx slots	26.91	26.96	26.73	28.00	23.91	23.96	23.73	25.00
EDGE 1 Tx slot	26.62	26.45	26.66	28.00	17.62	17.45	17.66	19.00
EDGE 2 Tx slots	24.65	24.65	24.55	26.00	18.65	18.65	18.55	20.00
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74
EDGE 4 Tx slots	20.55	20.67	20.56	22.00	17.55	17.67	17.56	19.00

GSM1900 Ant 0 Default

GSM1900 Ant 0	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	29.71	29.76	29.82	31.00	20.71	20.76	20.82	22.00
GPRS 1 Tx slot	29.48	29.88	29.90	31.00	20.48	20.88	20.90	22.00
GPRS 2 Tx slots	28.22	28.42	28.11	29.00	22.22	22.42	22.11	23.00
GPRS 3 Tx slots	25.82	25.88	25.71	27.00	21.56	21.62	21.45	22.74
GPRS 4 Tx slots	23.74	23.95	23.93	25.00	20.74	20.95	20.93	22.00
EDGE 1 Tx slot	25.88	26.01	25.97	27.00	16.88	17.01	16.97	18.00
EDGE 2 Tx slots	23.77	24.11	24.02	25.00	17.77	18.11	18.02	19.00
EDGE 3 Tx slots	21.75	22.03	22.09	23.00	17.49	17.77	17.83	18.74
EDGE 4 Tx slots	19.88	19.95	19.62	21.00	16.88	16.95	16.62	18.00

		WCDMA II Ant 0 Default				WCDMA IV Ant 0 Default				WCDMA V Ant 0 Default			
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.94	22.97	22.92	24.00	22.75	22.81	22.66	24.00	22.91	22.95	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	22.99	23.01	22.96	24.00	22.77	22.85	22.70	24.00	22.96	23.00	22.98	24.00
3GPP Rel 5	HSDPA Subtest-1	21.96	22.05	21.98	23.00	21.77	21.81	21.64	23.00	21.83	21.96	21.97	23.00
3GPP Rel 5	HSDPA Subtest-2	21.92	22.02	21.94	23.00	21.76	21.83	21.78	23.00	21.81	21.96	21.90	23.00
3GPP Rel 5	HSDPA Subtest-3	21.49	21.56	21.43	22.50	21.25	21.32	21.17	22.50	21.35	21.38	21.25	22.50
3GPP Rel 5	HSDPA Subtest-4	21.43	21.51	21.40	22.50	21.29	21.30	21.23	22.50	21.38	21.38	21.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	21.99	21.91	23.00	21.65	21.81	21.70	23.00	21.78	21.97	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.81	21.94	21.85	23.00	21.55	21.78	21.61	23.00	21.69	21.85	21.71	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.52	21.45	22.50	21.19	21.37	21.24	22.50	21.29	21.47	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.47	21.42	22.50	21.23	21.22	21.20	22.50	21.28	21.29	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.92	21.98	21.83	23.00	21.69	21.80	21.66	23.00	21.77	21.92	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.92	19.83	21.00	19.61	19.76	19.57	21.00	19.69	19.82	19.61	21.00
3GPP Rel 6	HSUPA Subtest-3	20.96	21.06	20.97	22.00	20.81	20.89	20.77	22.00	20.96	20.98	20.85	22.00
3GPP Rel 6	HSUPA Subtest-4	19.93	20.03	19.95	21.00	19.75	19.88	19.78	21.00	19.85	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-5	21.81	21.91	21.85	23.00	21.66	21.75	21.66	23.00	21.78	21.88	21.80	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.35	19.44	19.29	20.50	19.19	19.29	19.10	20.50	19.33	19.39	19.14	20.50

Band 2 Ant 0 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	22.74	22.80	22.73		
20	QPSK	1	49	22.56	22.53	22.59	24	0
20	QPSK	50	0	22.58	22.61	22.51		
20	QPSK	50	0	21.53	21.60	21.59		
20	QPSK	50	24	21.38	21.40	21.44	23	1
20	QPSK	50	50	21.50	21.51	21.53		
20	QPSK	100	0	21.48	21.49	21.44		
20	16QAM	1	0	21.70	21.63	21.71		
20	16QAM	1	49	21.67	21.60	21.55	23	1
20	16QAM	1	99	21.43	21.51	21.49		
20	16QAM	50	0	20.27	20.35	20.37		
20	16QAM	50	24	20.31	20.35	20.42	22	2
20	16QAM	50	50	20.36	20.33	20.34		
20	16QAM	100	0	20.34	20.43	20.35		
20	64QAM	1	0	20.69	20.62	20.61		
20	64QAM	1	49	20.52	20.56	20.50	22	2
20	64QAM	1	99	20.43	20.53	20.53		
20	64QAM	50	0	19.44	19.50	19.50		
20	64QAM	50	24	19.59	19.57	19.59	21	3
20	64QAM	50	50	19.43	19.39	19.30		
20	64QAM	100	0	19.51	19.55	19.48		
20	256QAM	1	0	17.56	17.55	17.61		
20	256QAM	1	49	17.53	17.46	17.39	19	5
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51		
20	256QAM	50	24	17.46	17.52	17.49	19	5
20	256QAM	50	50	17.40	17.40	17.35		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.61	22.61		
15	QPSK	1	37	22.49	22.45	22.59	24	0
15	QPSK	1	74	22.56	22.54	22.41		
15	QPSK	36	0	21.39	21.60	21.42		
15	QPSK	36	20	21.36	21.21	21.40	23	1
15	QPSK	36	39	21.49	21.32	21.37		
15	QPSK	75	0	21.43	21.41	21.36		
15	16QAM	1	0	21.70	21.60	21.62	23	1
15	16QAM	1	37	21.54	21.55	21.51		
15	16QAM	1	74	21.45	21.46	21.36		
15	16QAM	36	0	20.17	20.33	20.20		
15	16QAM	36	20	20.21	20.26	20.25	22	2
15	16QAM	36	39	20.34	20.22	20.19		
15	16QAM	75	0	20.14	20.26	20.32		
15	64QAM	1	0	20.59	20.53	20.59		
15	64QAM	1	37	20.40	20.54	20.39	22	2
15	64QAM	1	74	20.36	20.34	20.47		
15	64QAM	36	0	19.29	19.44	19.37		
15	64QAM	36	20	19.66	19.51	19.55	21	3
15	64QAM	36	39	19.37	19.35	19.14		
15	64QAM	75	0	19.40	19.41	19.33		
15	256QAM	1	0	17.49	17.41	17.46		
15	256QAM	1	37	17.43	17.39	17.41	19	5
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48		
15	256QAM	36	20	17.44	17.46	17.48	19	5
15	256QAM	36	39	17.30	17.36	17.30		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.72	22.54		
10	QPSK	1	25	22.55	22.38	22.57	24	0
10	QPSK	1	49	22.54	22.41	22.42		
10	QPSK	25	0	21.36	21.51	21.40		
10	QPSK	25	12	21.26	21.34	21.32	23	1
10	QPSK	25	25	21.37	21.43	21.34		
10	QPSK	50	0	21.45	21.32	21.27		
10	16QAM	1	0	21.58	21.62	21.67		
10	16QAM	1	25	21.65	21.52	21.47	23	1
10	16QAM	1	49	21.35	21.50	21.35		
10	16QAM	25	0	20.21	20.31	20.27		
10	16QAM	25	12	20.25	20.23	20.24	22	2
10	16QAM	25	25	20.33	20.30	20.33		
10	16QAM	50	0	20.25	20.27	20.26		
10	64QAM	1	0	20.53	20.49	20.54		
10	64QAM	1	25	20.41	20.50	20.33	22	2
10	64QAM	1	49	20.30	20.42	20.45		
10	64QAM	25	0	19.31	19.48	19.35		
10	64QAM	25	12	19.43	19.53	19.45	21	3
10	64QAM	25	25	19.23	19.20	19.14		
10	64QAM	50	0	19.34	19.37	19.37		
10	256QAM	1	0	17.37	17.55	17.57		
10	256QAM	1	25	17.51	17.40	17.23	19	5
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42		
10	256QAM	25	12	17.38	17.38	17.35	19	5
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.74	22.68		
5	QPSK	1	12	22.56	22.36	22.44	24	0
5	QPSK	1	24	22.54	22.49	22.46		
5	QPSK	12	0	21.43	21.49	21.42		
5	QPSK	12	7	21.28	21.25	21.29	23	1
5	QPSK	12	13	21.45	21.50	21.51		
5	QPSK	25	0	21.35	21.33	21.33		
5	16QAM	1	0	21.50	21.49	21.53		
5	16QAM	1	12	21.58	21.51	21.42	23	1
5	16QAM	1	24	21.32	21.46	21.30		
5	16QAM	12	0	20.20	20.18	20.36		
5	16QAM	12	7	20.18	20.18	20.25	22	2
5	16QAM	12	13	20.22	20.20	20.31		
5	16QAM	25	0	20.24	20.24	20.26		
5	64QAM	1	0	20.62	20.48	20.58		
5	64QAM	1	12	20.50	20.46	20.33	22	2
5	64QAM	1	24	20.49	20.47	20.44		
5	64QAM	12	0	19.31	19.48	19.45		
5	64QAM	12	7	19.48	19.48	19.48	21	3
5	64QAM	12	13	19.37	19.32	19.22		
5	64QAM	25	0	19.40	19.38	19.38		
5	256QAM	1	0	17.43	17.55	17.43		
5	256QAM	1	12	17.41	17.43	17.28	19	5
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.42	17.42		
5	256QAM	12	7	17.40	17.45	17.49	19	5
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.75	22.55		
3	QPSK	1	8	22.47	22.44	22.57	24	0
3	QPSK	1	14	22.49	22.59	22.32		
3	QPSK	8	0	21.50	21.42	21.40		
3	QPSK	8	4	21.20	21.21	21.38	23	1
3	QPSK	8	7	21.30	21.47	21.45		
3	QPSK	15	0	21.44	21.48	21.42		
3	16QAM	1	0	21.65	21.65	21.65		
3	16QAM	1	8	21.62	21.59	21.43	23	1
3	16QAM	1	14	21.38	21.44	21.29		
3	16QAM	8	0	20.17	20.25	20.33		
3	16QAM	8	4	20.21	20.18	20.39	22	2
3	16QAM	8	7	20.17	20.21	20.29		
3	16QAM	15	0	20.21	20.29	20.30		
3	64QAM	1	0	20.57	20.44	20.46		
3	64QAM	1	8	20.34	20.44	20.43	22	2
3	64QAM	1	14	20.30	20.40	20.45		
3	64QAM	8	0	19.26	19.38	19.34		
3	64QAM	8	4	19.45	19.45	19.44	21	3
3	64QAM	8	7	19.39	19.37	19.25		
3	64QAM	15	0	19.47	19.55	19.41		
3	256QAM	1	0	17.50	17.50	17.43		
3	256QAM	1	8	17.42	17.36	17.19	19	5
3	256QAM	1	14	17.21	17.27	17.27		
3	256QAM	8	0	17.38	17.42	17.40		
3	256QAM	8	4	17.37	17.47	17.46	19	5
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.31	17.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.71	22.67		
1.4	QPSK	1	3	22.44	22.46	22.42		
1.4	QPSK	1	5	22.46	22.49	22.37	24	0
1.4	QPSK	3	0	22.61	22.64	22.65		
1.4	QPSK	3	1	22.55	22.47	22.59		
1.4	QPSK	3	3	22.51	22.53	22.34		
1.4	QPSK	6	0	21.34	21.42	21.50	23	1
1.4	16QAM	1	0	21.18	21.29	21.28		
1.4	16QAM	1	3	21.31	21.42	21.51		
1.4	16QAM	1	5	21.31	21.43	21.35	23	1
1.4	16QAM	3	0	21.67	21.49	21.54		
1.4	16QAM	3	1	21.61	21.43	21.39		
1.4	16QAM	3	3	21.30	21.36	21.32		
1.4	16QAM	6	0	20.12	20.26	20.18	22	2
1.4	64QAM	1	0	20.17	20.19	20.35		
1.4	64QAM	1	3	20.36	20.28	20.33		
1.4	64QAM	1	5	20.24	20.42	20.19	22	2
1.4	64QAM	3	0	20.62	20.53	20.47		
1.4	64QAM	3	1	20.37	20.49	20.49		
1.4	64QAM	3	3	20.38	20.33	20.33		
1.4	64QAM	6	0	19.48	19.49	19.55	21	3
1.4	256QAM	1	0	17.52	17.41	17.60		
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15	19	5
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	5

Band 2 Ant 0 Default sig path: 347

BW [MHz]	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	23.31	23.35	23.25		
20	QPSK	1	49	23.04	23.05	23.01	24	0
20	QPSK	1	99	23.13	23.10	23.02		
20	QPSK	50	0	22.00	22.33	22.02		
20	QPSK	50	24	22.24	22.14	22.05	23	1
20	QPSK	50	50	22.19	22.12	22.23		
20	QPSK	100	0	22.21	22.27	22.08		
20	16QAM	1	0	22.23	22.12	22.18		
20	16QAM	1	49	22.23	22.10	22.02	23	1
20	16QAM	1	99	22.02	21.99	22.00		
20	16QAM	50	0	20.79	20.74	20.93		
20	16QAM	50	24	20.81	20.83	20.93	22	2
20	16QAM	50	50	20.88	20.87	20.87		
20	16QAM	100	0	20.82	20.94	20.86		
20	64QAM	1	0	21.30	21.06	21.14		
20	64QAM	1	49	20.97	21.02	21.00	22	2
20	64QAM	1	99	20.96	21.01	20.98		
20	64QAM	50	0	19.95	19.89	19.96		
20	64QAM	50	24	20.16	19.04	20.02	21	3
20	64QAM	50	50	19.95	19.88	19.77		
20	64QAM	100	0	20.00	20.00	20.05		
20	256QAM	1	0	18.10	18.14	18.14		
20	256QAM	1	49	18.01	17.96	17.79	19	5
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02		
20	256QAM	50	24	17.90	17.95	17.95	19	5
20	256QAM	50	50	17.85	18.03	17.86		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.27	23.23	23.19		
15	QPSK	1	37	22.99	22.99	22.89	24	0
15	QPSK	1	74	23.04	23.04	22.88		
15	QPSK	36	0	21.93	22.19	21.96		
15	QPSK	36	20	22.15	22.02	21.98	23	1
15	QPSK	36	39	22.11	22.04	22.13		
15	QPSK	75	0	22.06	22.14	21.92		
15	16QAM	1	0	22.12	22.05	22.04		
15	16QAM	1	37	22.10	21.96	21.89	23	1
15	16QAM	1	74	21.98	22.03	21.94		
15	16QAM	36	0	20.64	20.59	20.84		
15	16QAM	36	20	20.65	20.69	20.81	22	2
15	16QAM	36	39	20.81	20.77	20.74		
15	16QAM	75	0	20.74	20.82	20.82		
15	64QAM	1	0	21.21	20.97	21.07		
15	64QAM	1	37	20.89	20.98	20.93	22	2
15	64QAM	1	74	20.83	20.86	20.86		
15	64QAM	36	0	19.86	19.80	19.89		
15	64QAM	36	20	20.08	19.99	19.92	21	3
15	64QAM	36	39	19.79	19.79	19.64		
15	64QAM	75	0	19.88	19.95	19.94		
15	256QAM	1	0	18.03	18.02	18.09		
15	256QAM	1	37	17.85	17.89	17.72	19	5
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94		
15	256QAM	36	20	17.84	17.88	17.90	19	5
15	256QAM	36	39	17.74	17.77	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.00	23.12		
10	QPSK	1	25	22.96	22.97	22.92	24	0
10	QPSK	1	49	22.98	23.03	22.87		
10	QPSK	25	0	21.89	22.24	21.90		
10	QPSK	25	12	22.17	22.07	22.00	23	1
10	QPSK	25	25	22.08	22.02	22.10		
10	QPSK	50	0	22.10	22.20	22.03		
10	16QAM	1	0	22.07	22.00	22.04		
10	16QAM	1	25	22.18	21.97	21.93	23	1
10	16QAM	1	49	21.90	21.84	21.90		
10	16QAM	25	0	20.69	20.69	20.78		
10	16QAM	25	12	20.77	20.74	20.88	22	2
10	16QAM	25	25	20.74	20.79	20.78		
10	16QAM	50	0	20.77	20.85	20.72		
10	64QAM	1	0	21.23	21.01	21.10		
10	64QAM	1	25	20.90	20.89	20.96	22	2
10	64QAM	1	49	20.89	20.89	20.87		
10	64QAM	25	0	19.88	19.84	19.94		
10	64QAM	25	12	20.04	19.89	19.87	21	3
10	64QAM	25	25	19.85	19.80	19.63		
10	64QAM	50	0	19.94	19.86	19.97		
10	256QAM	1	0	17.97	18.03	18.00		
10	256QAM	1	25	17.93	17.90	17.70	19	5
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87		
10	256QAM	25	12	17.80	17.85	17.87	19	5
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.30	23.15		
5	QPSK	1	12	22.96	22.94	22.93	24	0
5	QPSK	1	24	22.99	22.98	22.98		
5	QPSK	12	0	21.92	22.26	21.89		
5	QPSK	12	7	22.14	22.08	21.93	23	1
5	QPSK	12	13	22.07	22.00	22.09		
5	QPSK	25	0	22.12	22.17	22.03		
5	16QAM	1	0	22.11	22.04	22.11		
5	16QAM	1	12	22.08	21.99	22.00	23	1
5	16QAM	1	24	21.93	21.90	21.86		
5	16QAM	12	0	20.72	20.59	20.78		
5	16QAM	12	7	20.76	20.67	20.77	22	2
5	16QAM	12	13	20.77	20.80	20.81		
5	16QAM	25	0	20.78	20.82	20.80		
5	64QAM	1	0	21.25	21.02	21.04		
5	64QAM	1	12	20.85	20.87	20.92	22	2
5	64QAM	1	24	20.91	20.90	20.88		
5	64QAM	12	0	19.88	19.81	19.83		
5	64QAM	12	7	20.03	19.98	19.91	21	3
5	64QAM	12	13	19.90	19.73	19.61		
5	64QAM	25	0	19.88	19.93	19.98		
5	256QAM	1	0	18.03	18.08	18.04		
5	256QAM	1	12	17.86	17.87	17.75	19	5
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94		
5	256QAM	12	7	17.90	17.83	17.79	19	5
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.21	23.25	23.11		
3	QPSK	1	8	22.90	22.94	22.90	24	0
3	QPSK	1	14	23.02	23.04	22.91		
3	QPSK	8	0	21.90	22.25	21.86		
3	QPSK	8	4	22.15	22.09	21.95	23	1
3	QPSK	8	7	22.09	21.97	22.11		
3	QPSK	15	0	22.07	22.17	22.02		
3	16QAM	1	0	22.08	22.00	22.02		
3	16QAM	1	8	22.11	21.98	21.96	23	1
3	16QAM	1	14	21.90	21.92	21.87		
3	16QAM	8	0	20.69	20.63	20.81		
3	16QAM	8	4	20.75	20.73	20.81	22	2
3	16QAM	8	7	20.81	20.72	20.77		
3	16QAM	15	0	20.75	20.87	20.76		
3	64QAM	1	0	21.22	21.00	21.00		
3	64QAM	1	8	20.86	20.92	20.91	22	2
3	64QAM	1	14	20.89	20.87	20.82		
3	64QAM	8	0	19.91	19.85	19.85		
3	64QAM	8	4	20.10	19.92	19.90	21	3
3	64QAM	8	7	19.80	19.78	19.69		
3	64QAM	15	0	19.95	19.87	20.00		
3	256QAM	1	0	18.04	18.03	18.05		
3	256QAM	1	8	17.96	17.81	17.68	19	5
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91		
3	256QAM	8	4	17.80	17.83	17.89	19	5
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.71	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.27	23.18		
1.4	QPSK	1	3	22.99	22.93	22.89		
1.4	QPSK	1	5	23.00	23.05	22.91	24	0
1.4	QPSK	3	0	23.22	23.28	23.14		
1.4	QPSK	3	1	22.99	22.96	22.92		
1.4	QPSK	3	3	23.04	22.94	22.87		
1.4	QPSK	6	0	21.90	22.27	21.91	23	1
1.4	16QAM	1	0	22.17	22.04	21.94		
1.4	16QAM	1	3	22.12	22.05	22.16		
1.4	16QAM	1	5	22.06	22.18	22.03	23	1
1.4	16QAM	3	0	22.11	22.00	22.06		
1.4	16QAM	3	1	22.08	21.96	21.88		
1.4	16QAM	3	3	21.89	21.94	21.87		
1.4	16QAM	6	0	20.67	20.65	20.83	22	2
1.4	64QAM	1	0	20.69	20.75	20.86		
1.4	64QAM	1	3	20.72	20.75	20.77		
1.4	64QAM	1	5	20.68	20.80	20.79	22	2
1.4	64QAM	3	0	21.23	20.90	21.07		
1.4	64QAM	3	1	20.84	20.90	20.95		
1.4	64QAM	3	3	20.90	20.90	20.82		
1.4	64QAM	6	0	19.80	19.77	19.92	21	3
1.4	256QAM	1	0	18.02	18.07	18.05		
1.4	256QAM	1	3	17.93	17.84	17.72		
1.4	256QAM	1	5	17.76	17.77	17.66	19	5
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	5

Band 4 Ant 0 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	22.71	22.76	22.68		
20	QPSK	1	49	22.51	22.56	22.53	24	0
20	QPSK	1	99	22.52	22.52	22.51		
20	QPSK	50	0	21.47	21.55	21.47		
20	QPSK	50	24	21.51	21.47	21.52	23	1
20	QPSK	50	50	21.47	21.51	21.44		
20	QPSK	100	0	21.45	21.48	21.42		
20	16QAM	1	0	21.65	21.69	21.67		
20	16QAM	1	49	21.80	21.74	21.74	23	1
20	16QAM	1	99	21.55	21.66	21.52		
20	16QAM	50	0	20.42	20.38	20.46		
20	16QAM	50	24	20.54	20.55	20.58	22	2
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0	20.42	20.48	20.42		
20	64QAM

Band 12 Ant 0 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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.86	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.76	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.76		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.56		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.89		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.46	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 Defaultsig path: 300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 Defaultsig path: 378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 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					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 Defaultsig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.79	17.78	17.86		
5	256QAM	25	0	17.79	17.74	17.77		

Band 17 Ant 0 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	23.06	23.11	23.03	24	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	1
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	1
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	2
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	2
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	3
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.48		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	24	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	1
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	1
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	2
5	16QAM	12	7	20.65	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	2
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	3
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

Band 25 Ant 0 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	22.69	22.73	22.72	24	0
20	QPSK	1	49	22.55	22.62	22.49		
20	QPSK	1	99	22.60	22.67	22.50		
20	QPSK	50	0	21.47	21.53	21.29	23	1
20	QPSK	50	24	21.27	21.40	21.17		
20	QPSK	50	50	21.35	21.52	21.16		
20	QPSK	100	0	21.31	21.41	21.22		
20	16QAM	1	0	21.40	21.55	21.36	23	1
20	16QAM	1	49	21.31	21.49	21.25		
20	16QAM	1	99	21.34	21.48	21.30		
20	16QAM	50	0	20.49	20.53	20.49	22	2
20	16QAM	50	24	20.32	20.49	20.28		
20	16QAM	50	50	20.42	20.44	20.29		
20	16QAM	100	0	20.34	20.45	20.17		
20	64QAM	1	0	20.52	20.52	20.40	22	2
20	64QAM	1	49	20.37	20.47	20.27		
20	64QAM	1	99	20.37	20.49	20.37		
20	64QAM	50	0	19.51	19.55	19.38	21	3
20	64QAM	50	24	19.44	19.60	19.33		
20	64QAM	50	50	19.44	19.46	19.40		
20	64QAM	100	0	19.47	19.63	19.36		
20	256QAM	1	0	17.57	17.69	17.46	19	5
20	256QAM	1	49	17.61	17.68	17.50		
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43	19	5
20	256QAM	50	24	17.34	17.34	17.14		
20	256QAM	50	50	17.44	17.44	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.53	22.67	22.62	24	0
15	QPSK	1	37	22.39	22.56	22.44		
15	QPSK	1	74	22.56	22.59	22.31		
15	QPSK	36	0	21.47	21.37	21.19	23	1
15	QPSK	36	20	21.12	21.34	21.04		
15	QPSK	36	39	21.20	21.41	21.13		
15	QPSK	75	0	21.16	21.36	21.15		
15	16QAM	1	0	21.24	21.38	21.32	23	1
15	16QAM	1	37	21.12	21.39	21.19		
15	16QAM	1	74	21.17	21.38	21.24		
15	16QAM	36	0	20.42	20.47	20.30	22	2
15	16QAM	36	20	20.19	20.30	20.23		
15	16QAM	36	39	20.29	20.41	20.15		
15	16QAM	75	0	20.23	20.43	20.10		
15	64QAM	1	0	20.50	20.51	20.36	22	2
15	64QAM	1	37	20.29	20.32	20.09		
15	64QAM	1	74	20.19	20.46	20.26		
15	64QAM	36	0	19.51	19.46	19.34	21	3
15	64QAM	36	20	19.32	19.36	19.15		
15	64QAM	36	39	19.26	19.43	19.37		
15	64QAM	75	0	19.32	19.54	19.31		
15	256QAM	1	0	17.45	17.53	17.31	19	5
15	256QAM	1	37	17.42	17.59	17.37		
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32	19	5
15	256QAM	36	20	17.15	17.15	17.00		
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.55	22.60	22.58	24	0
10	QPSK	1	25	22.43	22.55	22.39		
10	QPSK	1	49	22.47	22.55	22.39		
10	QPSK	25	0	21.37	21.51	21.16	23	1
10	QPSK	25	13	21.18	21.35	21.09		
10	QPSK	25	25	21.15	21.49	21.11		
10	QPSK	50	0	21.28	21.32	21.03		
10	16QAM	1	0	21.20	21.46	21.21	23	1
10	16QAM	1	25	21.25	21.46	21.18		
10	16QAM	1	49	21.27	21.30	21.16		
10	16QAM	25	0	20.37	20.47	20.40	22	2
10	16QAM	25	12	20.27	20.46	20.14		
10	16QAM	25	25	20.37	20.29	20.20		
10	16QAM	50	0	20.21	20.29	20.00		
10	64QAM	1	0	20.33	20.46	20.21	22	2
10	64QAM	1	25	20.21	20.39	20.23		
10	64QAM	1	49	20.19	20.48	20.27		
10	64QAM	25	0	19.33	19.39	19.31	21	3
10	64QAM	25	12	19.42	19.47	19.16		
10	64QAM	25	25	19.39	19.41	19.37		
10	64QAM	50	0	19.42	19.54	19.34		
10	256QAM	1	0	17.42	17.61	17.44	19	5
10	256QAM	1	25	17.56	17.53	17.40		
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27	19	5
10	256QAM	25	12	17.17	17.15	17.07		
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.64	22.64	22.71	24	0
5	QPSK	1	12	22.48	22.53	22.44		
5	QPSK	1	24	22.48	22.49	22.43		
5	QPSK	12	0	21.32	21.46	21.21	23	1
5	QPSK	12	7	21.21	21.21	21.17		
5	QPSK	12	13	21.17	21.39	21.12		
5	QPSK	25	0	21.25	21.33	21.08		
5	16QAM	1	0	21.28	21.46	21.21	23	1
5	16QAM	1	12	21.23	21.37	21.13		
5	16QAM	1	24	21.19	21.46	21.10		
5	16QAM	12	0	20.47	20.35	20.44	22	2
5	16QAM	12	7	20.26	20.32	20.27		
5	16QAM	12	13	20.28	20.26	20.27		
5	16QAM	25	0	20.19	20.42	20.12		
5	64QAM	1	0	20.50	20.39	20.27	22	2
5	64QAM	1	12	20.32	20.28	20.14		
5	64QAM	1	24	20.19	20.31	20.23		
5	64QAM	12	0	19.42	19.53	19.33	21	3
5	64QAM	12	7	19.38	19.52	19.19		
5	64QAM	12	13	19.30	19.34	19.36		
5	64QAM	25	0	19.37	19.60	19.23		
5	256QAM	1	0	17.48	17.61	17.29	19	5
5	256QAM	1	12	17.50	17.58	17.46		
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26	19	5
5	256QAM	12	7	17.21	17.25	17.02		
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.50	22.56	22.67	24	0
3	QPSK	1	8	22.48	22.59	22.44		
3	QPSK	1	14	22.52	22.53	22.39		
3	QPSK	8	0	21.41	21.41	21.21	23	1
3	QPSK	8	4	21.15	21.34	21.10		
3	QPSK	8	7	21.26	21.51	21.06		
3	QPSK	15	0	21.25	21.22	21.22		
3	16QAM	1	0	21.24	21.51	21.17	23	1
3	16QAM	1	8	21.27	21.40	21.22		
3	16QAM	1	14	21.24	21.40	21.17		
3	16QAM	8	0	20.43	20.47	20.37	22	2
3	16QAM	8	4	20.20	20.44	20.25		
3	16QAM	8	7	20.40	20.40	20.26		
3	16QAM	15	0	20.26	20.40	20.04		
3	64QAM	1	0	20.49	20.33	20.26	22	2
3	64QAM	1	8	20.33	20.30	20.16		
3	64QAM	1	14	20.29	20.36	20.26		
3	64QAM	8	0	19.34	19.52	19.23	21	3
3	64QAM	8	4	19.41	19.53	19.30		
3	64QAM	8	7	19.41	19.36	19.40		
3	64QAM	15	0	19.43	19.63	19.24		
3	256QAM	1	0	17.41	17.64	17.41	19	5
3	256QAM	1	8	17.59	17.58	17.34		
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36	19	5
3	256QAM	8	4	17.26	17.21	17.11		
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.16	17.30	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.55	22.72	22.57	24	0
1.4	QPSK	1	3	22.38	22.51	22.45		
1.4	QPSK	1	5	22.53	22.64	22.31		
1.4	QPSK	3	0	22.55	22.55	22.55		
1.4	QPSK	3	1	22.41	22.53	22.33		
1.4	QPSK	3	3	22.43	22.59	22.45		
1.4	QPSK	6	0	21.33	21.42	21.21	23	1
1.4	16QAM	1	0	21.18	21.21	21.10	23	1
1.4	16QAM	1	3	21.32	21.49	21.08		
1.4	16QAM	1	5	21.26	21.28	21.09		
1.4	16QAM	3	0	21.32	21.39	21.32		
1.4	16QAM	3	1	21.11	21.42	21.18		
1.4	16QAM	3	3	21.28	21.36	21.30		
1.4	16QAM	6	0	20.39	20.43	20.45	22	2
1.4	64QAM	1	0	20.14	20.34	20.11	22	2
1.4	64QAM	1	3	20.37	20.36	20.27		
1.4	64QAM	1	5	20.29	20.43	20.06		
1.4	64QAM	3	0	20.39	20.39	20.33		
1.4	64QAM	3	1	20.22	20.42	20.19		
1.4	64QAM	3	3	20.26	20.46	20.25		
1.4	64QAM	6	0	19.34	19.55	19.28	21	3
1.4	256QAM	1	0	17.47	17.50	17.44	19	5
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41		
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	5

Band 26 for FCC Ant 0 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	22.79	22.80	22.78	24	0
15	QPSK	1	37	22.77	22.79	22.78		
15	QPSK	1	74	22.64	22.73	22.65		
15	QPSK	36	0	21.60	21.64	21.60		
15	QPSK	36	20	21.31	21.38	21.29	23	1
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.36	21.30		
15	16QAM	1	0	21.55	21.58	21.47		
15	16QAM	1	37	21.41	21.44	21.37	23	1
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54		
15	16QAM	36	20	20.33	20.39	20.48	22	2
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58		
15	64QAM	1	37	20.45	20.55	20.55	22	2
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53		
15	64QAM	36	20	19.34	19.38	19.43	21	3
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53		
15	256QAM	1	37	17.52	17.45	17.54	19	5
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42		
15	256QAM	36	20	17.40	17.43	17.40	19	5
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.64	22.64	22.67	24	0
10	QPSK	1	25	22.63	22.60	22.72		
10	QPSK	1	49	22.47	22.54	22.59		
10	QPSK	25	0	21.52	21.45	21.45		
10	QPSK	25	12	21.13	21.37	21.23	23	1
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33		
10	16QAM	1	25	21.37	21.41	21.28	23	1
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35		
10	16QAM	25	12	20.23	20.25	20.39	22	2
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51		
10	64QAM	1	25	20.35	20.45	20.54	22	2
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36		
10	64QAM	25	12	19.29	19.35	19.24	21	3
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51		
10	256QAM	1	25	17.44	17.37	17.53	19	5
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24		
10	256QAM	25	12	17.25	17.36	17.37	19	5
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.72	22.73	24	0
5	QPSK	1	12	22.64	22.71	22.74		
5	QPSK	1	24	22.63	22.58	22.62		
5	QPSK	12	0	21.50	21.56	21.45		
5	QPSK	12	7	21.19	21.27	21.27	23	1
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38		
5	16QAM	1	12	21.23	21.40	21.20	23	1
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36		
5	16QAM	12	7	20.25	20.38	20.48	22	2
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49		
5	64QAM	1	12	20.42	20.44	20.51	22	2
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52		
5	64QAM	12	7	19.17	19.27	19.28	21	3
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39		
5	256QAM	1	12	17.33	17.40	17.52	19	5
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29		
5	256QAM	12	7	17.31	17.38	17.33	19	5
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.67	22.65	24	0
3	QPSK	1	8	22.68	22.67	22.61		
3	QPSK	1	14	22.48	22.64	22.63		
3	QPSK	8	0	21.40	21.56	21.48		
3	QPSK	8	4	21.24	21.38	21.17	23	1
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28		
3	16QAM	1	8	21.33	21.36	21.26	23	1
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51		
3	16QAM	8	4	20.27	20.27	20.34	22	2
3	16QAM	8	7	20.36	20.46	20.36		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50		
3	64QAM	1	8	20.31	20.43	20.39	22	2
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47		
3	64QAM	8	4	19.26	19.32	19.41	21	3
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36		
3	256QAM	1	8	17.38	17.41	17.50	19	5
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.37	17.29		
3	256QAM	8	4	17.22	17.41	17.36	19	5
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.72	22.74	22.67	24	0
1.4	QPSK	1	3	22.66	22.70	22.61		
1.4	QPSK	1	5	22.56	22.66	22.64		
1.4	QPSK	3	0	22.64	22.71	22.72		
1.4	QPSK	3	1	22.58	22.60	22.66		
1.4	QPSK	3	3	22.63	22.59	22.55		
1.4	QPSK	6	0	21.57	21.61	21.54	23	1
1.4	16QAM	1	0	21.16	21.24	21.16		
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12	23	1
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.26	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	2
1.4	64QAM	1	0	20.33	20.37	20.41		
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39	22	2
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.32	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	3
1.4	256QAM	1	0	17.39	17.37	17.47		
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57		
1.4	256QAM	3	0	17.27	17.33	17.41	19	5
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.08	17.21	17.23	19	5

Band 26 for FCC Ant 0 Defaultsig path: 320

BW [MHz]	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	23.31	23.36	23.33	24	0
15	QPSK	1	37	23.24	23.33	23.28		
15	QPSK	1	74	23.17	23.25	23.12		
15	QPSK	36	0	22.03	22.13	22.10		
15	QPSK	36	20	21.79	21.86	21.85	23	1
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.86	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94		
15	16QAM	1	37	21.92	21.88	21.90	23	1
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	20.96		
15	16QAM	36	20	20.84	20.96	20.99	22	2
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11		
15	64QAM	1	37	21.01	21.09	20.98	22	2
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04		
15	64QAM	36	20	19.88	19.85	19.98	21	3
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03		
15	256QAM	1	37	18.09	17.94	18.12	19	5
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96		
15	256QAM	36	20	17.94	17.99	17.89	19	5
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.18	23.32	23.19	24	0
10	QPSK	1	25	23.13	23.25	23.20		
10	QPSK	1	49	23.15	23.18	22.95		
10	QPSK	25	0	22.00	22.08	21.97		
10	QPSK	25	12	21.69	21.79	21.75	23	1
10	QPSK	25	25	21.90	21.92	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88		
10	16QAM	1	25	21.86	21.74	21.86	23	1
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96		
10	16QAM	25	12	20.76	20.79	20.84	22	2
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04		
10	64QAM	1	25	20.96	20.94	20.88	22	2
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01		
10	64QAM	25	12	19.82	19.77	19.94	21	3
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95		
10	256QAM	1	25	18.00	17.84	18.05	19	5
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84		
10	256QAM	25	12	17.89	17.94	17.80	19	5
10	256QAM	25	25	17.68	17.86	17.97		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.17	23.21	23.19	24	0
5	QPSK	1	12	23.22	23.18	23.12		
5	QPSK	1	24	23.04	23.17	23.04		
5	QPSK	12	0	21.98	21.98	21.94		
5	QPSK	12	7	21.75	21.68	21.71	23	1
5	QPSK	12	13	21.76	22.02	21.94		
5	QPSK	25	0	21.82	21.81	21.70		
5	16QAM	1	0	22.02	22.00	21.87		
5	16QAM	1	12	21.75	21.81	21.72	23	1
5	16QAM	1	24	22.02	22.09	22.15		
5	16QAM	12	0	20.89	20.79	20.88		
5	16QAM	12	7	20.80	20.85	20.91	22	2
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03		
5	64QAM	1	12	20.84	21.01	20.81	22	2
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97		
5	64QAM	12	7	19.80	19.73	19.85	21	3
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87		
5	256QAM	1	12	17.99	17.83	17.97	19	5
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84		
5	256QAM	12	7	17.82	17.94	17.77	19	5
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.28	23.26	23.30	24	0
3	QPSK	1	8	23.12	23.30	23.25		
3	QPSK	1	14	23.03	23.15	22.97		
3	QPSK	8	0	21.93	22.08	22.07		
3	QPSK	8	4	21.77	21.71	21.72	23	1
3	QPSK	8	7	21.91	21.94	21.82		
3	QPSK	15	0	21.80	21.91	21.84		
3	16QAM	1	0	21.95	22.10	21.80		
3	16QAM	1	8	21.75	21.84	21.77	23	1
3	16QAM	1	14	22.13	22.09	22.10		
3	16QAM	8	0	20.88	20.88	21.00		
3	16QAM	8	4	20.70	20.83	20.92	22	2
3	16QAM	8	7	20.88	20.92	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98		
3	64QAM	1	8	20.86	20.99	20.86	22	2
3	64QAM	1	14	20.73	20.74	20.89		
3	64QAM	8	0	19.94	19.96	19.89		
3	64QAM	8	4	19.71	19.72	19.95	21	3
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.90	17.88		
3	256QAM	1	8	17.93	17.87	18.02	19	5
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90		
3	256QAM	8	4	17.87	17.96	17.77	19	5
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.26	23.30	23.21	24	0
1.4	QPSK	1	3	23.22	23.26	23.18		
1.4	QPSK	1	5	23.08	23.24	23.17		
1.4	QPSK	3	0	23.17	23.17	23.15		
1.4	QPSK	3	1	23.01	23.12	23.11		
1.4	QPSK	3	3	23.05	23.05	22.99		
1.4	QPSK	6	0	22.02	22.07	22.00	23	1
1.4	16QAM	1	0	21.68	21.80	21.68		
1.4	16QAM	1	3	21.73	21.90	21.81		
1.4	16QAM	1	5	21.65	21.76	21.69	23	1
1.4	16QAM	3	0	21.97	21.89	21.89		
1.4	16QAM	3	1	23.17	21.72	21.81		
1.4	16QAM	3	3	22.15	22.19	22.03		
1.4	16QAM	6	0	20.90	20.87	20.84	22	2
1.4	64QAM	1	0	20.82	20.89	20.92		
1.4	64QAM	1	3	20.88	20.80	20.84		
1.4	64QAM	1	5	20.90	21.06	20.92	22	2
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.63	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	3
1.4	256QAM	1	0	17.89	17.86	17.95		
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03	19	5
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	5

Band 66 Ant 0 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	22.72	22.76	22.70	24	0
20	QPSK	1	49	22.49	22.55	22.54		
20	QPSK	1	99	22.65	22.61	22.53		
20	QPSK	50	0	21.63	21.69	21.46		
20	QPSK	50	24	21.66	21.65	21.68	23	1
20	QPSK	50	50	21.51	21.50	21.37		
20	QPSK	100	0	21.48	21.60	21.54		
20	16QAM	1	0	21.50	21.67	21.60		
20	16QAM	1	49	21.52	21.62	21.57	23	1
20	16QAM	1	99	21.49	21.58	21.51		
20	16QAM	50	0	20.59	20.67	20.53		
20	16QAM	50	24	20.73	20.62	20.65	22	2
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58		
20	64QAM	1	49	20.44	20.53	20.55	22	2
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51		
20	64QAM	50	24	19.48	19.60	19.25	21	3
20	64QAM	50	50	19.48	19.54	19.68		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48		
20	256QAM	1	49	17.53	17.60	17.45	19	5
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44		
20	256QAM	50	24	17.31	17.49	17.14	19	5
20	256QAM	50	50	17.63	17.55	17.46		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.59	22.60	24	0
15	QPSK	1	37	22.53	22.49	22.46		
15	QPSK	1	74	22.52	22.44	22.40		
15	QPSK	36	0	21.57	21.52	21.33		
15	QPSK	36	20	21.62	21.53	21.67	23	1
15	QPSK	36	39	21.49	21.47	21.27		
15	QPSK	75	0	21.36	21.52	21.47		
15	16QAM	1	0	21.31	21.63	21.46		
15	16QAM	1	37	21.44	21.60	21.46	23	1
15	16QAM	1	74	21.34	21.40	21.33		
15	16QAM	36	0	20.48	20.60	20.36		
15	16QAM	36	20	20.69	20.45	20.51	22	2
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.50	20.44		
15	64QAM	1	0	20.60	20.43	20.56		
15	64QAM	1	37	20.25	20.49	20.49	22	2
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48		
15	64QAM	36	20	19.29	19.44	19.34	21	3
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38		
15	256QAM	1	37	17.49	17.42	17.28	19	5
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34		
15	256QAM	36	20	17.30	17.35	17.04	19	5
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.56	22.63	22.61	24	0
10	QPSK	1	25	22.43	22.44	22.44		
10	QPSK	1	49	22.60	22.53	22.35		
10	QPSK	25	0	21.58	21.65	21.29	23	1
10	QPSK	25	12	21.62	21.51	21.49		
10	QPSK	25	25	21.43	21.47	21.25		
10	QPSK	50	0	21.35	21.65	21.43		
10	16QAM	1	0	21.34	21.55	21.44		
10	16QAM	1	25	21.46	21.53	21.55	23	1
10	16QAM	1	49	21.35	21.53	21.48		
10	16QAM	25	0	20.52	20.61	20.50		
10	16QAM	25	12	20.54	20.51	20.64	22	2
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QA

Band 71 Ant 0 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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62	22	2
20	16QAM	50	24	20.93	20.72	20.85		
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64QAM	1	0	20.79	20.72	20.70	22	2
20	64QAM	1	49	20.56	20.61	20.71		
20	64QAM	1	99	20.69	20.62	20.52		
20	64QAM	50	0	19.72	19.76	19.63	21	3
20	64QAM	50	24	19.66	19.74	19.39		
20	64QAM	50	50	19.64	19.67	19.82		
20	64QAM	100	0	19.69	19.66	19.59		
20	256QAM	1	0	17.76	17.85	17.57	19	5
20	256QAM	1	49	17.70	17.73	17.69		
20	256QAM	1	99	17.52	17.91	17.71		
20	256QAM	50	0	17.64	17.55	17.55	19	5
20	256QAM	50	24	17.37	17.73	17.32		
20	256QAM	50	50	17.78	17.79	17.56		
20	256QAM	100	0	17.40	17.65	17.57		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.70	22.76	22.75	24	0
15	QPSK	1	37	22.52	22.50	22.75		
15	QPSK	1	74	22.59	22.52	22.58		
15	QPSK	36	0	21.62	21.68	21.50	23	1
15	QPSK	36	20	21.76	21.74	21.72		
15	QPSK	36	39	21.59	21.45	21.44		
15	QPSK	75	0	21.67	21.68	21.71		
15	16QAM	1	0	21.56	21.88	21.53	23	1
15	16QAM	1	37	21.68	21.75	21.49		
15	16QAM	1	74	21.64	21.62	21.61		
15	16QAM	36	0	20.52	20.70	20.51	22	2
15	16QAM	36	20	20.77	20.55	20.85		
15	16QAM	36	39	20.53	20.52	20.43		
15	16QAM	75	0	20.75	20.65	20.68		
15	64QAM	1	0	20.66	20.67	20.52	22	2
15	64QAM	1	37	20.51	20.49	20.67		
15	64QAM	1	74	20.56	20.61	20.40		
15	64QAM	36	0	19.65	19.58	19.48	21	3
15	64QAM	36	20	19.57	19.56	19.22		
15	64QAM	36	39	19.46	19.54	19.71		
15	64QAM	75	0	19.51	19.59	19.58		
15	256QAM	1	0	17.57	17.70	17.44	19	5
15	256QAM	1	37	17.56	17.57	17.58		
15	256QAM	1	74	17.39	17.83	17.65		
15	256QAM	36	0	17.63	17.40	17.53	19	5
15	256QAM	36	20	17.18	17.62	17.23		
15	256QAM	36	39	17.62	17.62	17.36		
15	256QAM	75	0	17.37	17.50	17.53		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.73	22.71	22.79	24	0
10	QPSK	1	25	22.50	22.52	22.71		
10	QPSK	1	49	22.62	22.51	22.53		
10	QPSK	25	0	21.70	21.80	21.51	23	1
10	QPSK	25	12	21.73	21.64	21.76		
10	QPSK	25	25	21.46	21.54	21.39		
10	QPSK	50	0	21.65	21.78	21.65		
10	16QAM	1	0	21.49	21.86	21.53	23	1
10	16QAM	1	25	21.54	21.59	21.53		
10	16QAM	1	49	21.65	21.53	21.59		
10	16QAM	25	0	20.56	20.72	20.46	22	2
10	16QAM	25	12	20.89	20.69	20.70		
10	16QAM	25	25	20.54	20.46	20.42		
10	16QAM	50	0	20.80	20.59	20.62		
10	64QAM	1	0	20.77	20.53	20.65	22	2
10	64QAM	1	25	20.56	20.41	20.52		
10	64QAM	1	49	20.58	20.61	20.48		
10	64QAM	25	0	19.60	19.59	19.58	21	3
10	64QAM	25	12	19.54	19.58	19.38		
10	64QAM	25	25	19.50	19.49	19.74		
10	64QAM	50	0	19.67	19.58	19.45		
10	256QAM	1	0	17.64	17.77	17.41	19	5
10	256QAM	1	25	17.68	17.61	17.51		
10	256QAM	1	49	17.37	17.73	17.54		
10	256QAM	25	0	17.52	17.51	17.35	19	5
10	256QAM	25	12	17.21	17.59	17.31		
10	256QAM	25	25	17.64	17.69	17.45		
10	256QAM	50	0	17.22	17.53	17.47		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.69	22.90	22.73	24	0
5	QPSK	1	12	22.56	22.47	22.62		
5	QPSK	1	24	22.73	22.49	22.55		
5	QPSK	12	0	21.74	21.74	21.62	23	1
5	QPSK	12	7	21.70	21.70	21.66		
5	QPSK	12	13	21.45	21.50	21.47		
5	QPSK	25	0	21.65	21.78	21.58		
5	16QAM	1	0	21.49	21.81	21.52	23	1
5	16QAM	1	12	21.58	21.59	21.60		
5	16QAM	1	24	21.54	21.61	21.69		
5	16QAM	12	0	20.54	20.76	20.50	22	2
5	16QAM	12	7	20.75	20.60	20.77		
5	16QAM	12	13	20.46	20.53	20.46		
5	16QAM	25	0	20.64	20.73	20.59		
5	64QAM	1	0	20.78	20.67	20.52	22	2
5	64QAM	1	12	20.43	20.52	20.52		
5	64QAM	1	24	20.49	20.60	20.43		
5	64QAM	12	0	19.67	19.58	19.44	21	3
5	64QAM	12	7	19.63	19.59	19.37		
5	64QAM	12	13	19.53	19.65	19.72		
5	64QAM	25	0	19.62	19.49	19.54		
5	256QAM	1	0	17.63	17.68	17.38	19	5
5	256QAM	1	12	17.50	17.72	17.54		
5	256QAM	1	24	17.45	17.72	17.65		
5	256QAM	12	0	17.52	17.52	17.47	19	5
5	256QAM	12	7	17.31	17.56	17.21		
5	256QAM	12	13	17.67	17.65	17.53		
5	256QAM	25	0	17.23	17.59	17.42		

Band 7 Ant 1 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	22.90	22.95	22.82	24	0
20	QPSK	1	49	22.59	22.61	22.61		
20	QPSK	1	99	22.49	22.49	22.58		
20	QPSK	50	0	21.45	21.56	21.40	23	1
20	QPSK	50	24	21.17	21.35	21.32		
20	QPSK	50	50	21.30	21.50	21.43		
20	QPSK	100	0	21.35	21.54	21.44		
20	16QAM	1	0	21.64	21.69	21.61	23	1
20	16QAM	1	49	21.52	21.70	21.56		
20	16QAM	1	99	21.39	21.53	21.51		
20	16QAM	50	0	20.37	20.53	20.52	22	2
20	16QAM	50	24	20.25	20.39	20.25		
20	16QAM	50	50	20.39	20.43	20.27		
20	16QAM	100	0	20.35	20.43	20.41		
20	64QAM	1	0	20.55	20.68	20.64	22	2
20	64QAM	1	49	20.54	20.63	20.61		
20	64QAM	1	99	20.31	20.43	20.32		
20	64QAM	50	0	19.39	19.48	19.45	21	3
20	64QAM	50	24	19.23	19.38	19.33		
20	64QAM	50	50	19.39	19.41	19.22		
20	64QAM	100	0	19.19	19.29	19.21		
20	256QAM	1	0	17.69	17.82	17.75	19	5
20	256QAM	1	49	17.52	17.60	17.56		
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40	19	5
20	256QAM	50	24	17.19	17.38	17.32		
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.82	22.85	22.70	24	0
15	QPSK	1	37	22.54	22.60	22.42		
15	QPSK	1	74	22.59	22.36	22.46		
15	QPSK	36	0	21.31	21.47	21.28	23	1
15	QPSK	36	20	21.11	21.17	21.13		
15	QPSK	36	39	21.20	21.35	21.41		
15	QPSK	75	0	21.16	21.36	21.43		
15	16QAM	1	0	21.61	21.63	21.60	23	1
15	16QAM	1	37	21.44	21.68	21.43		
15	16QAM	1	74	21.33	21.52	21.42		
15	16QAM	36	0	20.17	20.46	20.40	22	2
15	16QAM	36	20	20.15	20.27	20.05		
15	16QAM	36	39	20.25	20.40	20.08		
15	16QAM	75	0	20.24	20.41	20.37		
15	64QAM	1	0	20.49	20.57	20.52	22	2
15	64QAM	1	37	20.36	20.54	20.48		
15	64QAM	1	74	20.31	20.28	20.20		
15	64QAM	36	0	19.24	19.34	19.27	21	3
15	64QAM	36	20	19.06	19.36	19.32		
15	64QAM	36	39	19.36	19.37	19.19		
15	64QAM	75	0	19.03	19.21	19.08		
15	256QAM	1	0	17.65	17.75	17.65	19	5
15	256QAM	1	37	17.43	17.48	17.48		
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33	19	5
15	256QAM	36	20	17.01	17.18	17.26		
15	256QAM	36	39	17.11	17.17	17.15		
15	256QAM	75	0	17.22	17.28	17.11		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.81	22.83	22.72	24	0
10	QPSK	1	25	22.48	22.46	22.60		
10	QPSK	1	49	22.55	22.43	22.56		
10	QPSK	25	0	21.29	21.50	21.28	23	1
10	QPSK	25	12	21.05	21.16	21.28		
10	QPSK	25	25	21.11	21.44	21.33		
10	QPSK	50	0	21.17	21.42	21.33		
10	16QAM	1	0	21.47	21.64	21.50	23	1
10	16QAM	1	25	21.36	21.61	21.50		
10	16QAM	1	49	21.26	21.47	21.42		
10	16QAM	25	0	20.20	20.37	20.49	22	2
10	16QAM	25	12	20.07	20.22	20.12		
10	16QAM	25	25	20.38	20.32	20.12		
10	16QAM	50	0	20.27	20.23	20.33		
10	64QAM	1	0	20.40	20.49	20.59	22	2
10	64QAM	1	25	20.39	20.52	20.55		
10	64QAM	1	49	20.16	20.27	20.21		
10	64QAM	25	0	19.37	19.40	19.28	21	3
10	64QAM	25	12	19.19	19.37	19.26		
10	64QAM	25	25	19.26	19.27	19.20		
10	64QAM	50	0	19.18	19.22	19.08		
10	256QAM	1	0	17.50	17.72	17.56	19	5
10	256QAM	1	25	17.32	17.57	17.40		
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24	19	5
10	256QAM	25	12	17.00	17.24	17.19		
10	256QAM	25	25	17.11	17.24	17.18		
10	256QAM	50	0	17.04	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.73	22.76	22.70	24	0
5	QPSK	1	12	22.59	22.48	22.47		
5	QPSK	1	24	22.59	22.35	22.54		
5	QPSK	12	0	21.36	21.43	21.26	23	1
5	QPSK	12	7	21.07	21.19	21.16		
5	QPSK	12	13	21.26	21.46	21.39		
5	QPSK	25	0	21.22	21.47	21.43		
5	16QAM	1	0	21.57	21.51	21.50	23	1
5	16QAM	1	12	21.35	21.62	21.56		
5	16QAM	1	24	21.34	21.52	21.48		
5	16QAM	12	0	20.37	20.43	20.42	22	2
5	16QAM	12	7	20.15	20.33	20.09		
5	16QAM	12	13	20.32	20.30	20.08		
5	16QAM	25	0	20.16	20.34	20.22		
5	64QAM	1	0	20.47	20.49	20.50	22	2
5	64QAM	1	12	20.40	20.52	20.53		
5	64QAM	1	24	20.29	20.42	20.25		
5	64QAM	12	0	19.32	19.42	19.27	21	3
5	64QAM	12	7	19.05	19.30	19.30		
5	64QAM	12	13	19.32	19.33	19.19		
5	64QAM	25	0	19.11	19.10	19.03		
5	256QAM	1	0	17.66	17.69	17.74	19	5
5	256QAM	1	12	17.34	17.58	17.43		
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20	19	5
5	256QAM	12	7	17.09	17.27	17.29		
5	256QAM	12	13	17.17	17.22	17.07		
5	256QAM	25	0	17.10	17.40	17.24		

Band 30 Ant 1 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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.00		24	0
10	QPSK	1	25		22.65			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.59		23	1
10	QPSK	25	12		21.41			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.50			
10	16QAM	1	0		21.73		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.53			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.37			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.61		22	2
10	64QAM	1	25		20.64			
10	64QAM	1	49		20.48			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.32			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.35			
10	256QAM	1	0		17.75		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.54			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.40			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.41			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.86	22.84	22.77	24	0
5	QPSK	1	12	22.51	22.48	22.42		
5	QPSK	1	24	22.38	22.36	22.49		
5	QPSK	12	0	21.36	21.50	21.35	23	1
5	QPSK	12	7	21.02	21.25	21.31		
5	QPSK	12	13	21.27	21.34	21.41		
5	QPSK	25	0	21.23	21.38	21.33		
5	16QAM	1	0	21.51	21.64	21.50	23	1
5	16QAM	1	12	21.43	21.59	21.41		
5	16QAM	1	24	21.30	21.47	21.45		
5	16QAM	12	0	20.23	20.44	20.32	22	2
5	16QAM	12	7	20.20	20.27	20.17		
5	16QAM	12	13	20.24	20.27	20.05		
5	16QAM	25	0	20.14	20.34	20.34		
5	64QAM	1	0	20.35	20.47	20.56	22	2
5	64QAM	1	12	20.55	20.51	20.54		
5	64QAM	1	24	20.26	20.38	20.18		
5	64QAM	12	0	19.19	19.35	19.35	21	3
5	64QAM	12	7	19.09	19.21	19.20		
5	64QAM	12	13	19.20	19.29	19.22		
5	64QAM	25	0	19.17	19.22	19.12		
5	256QAM	1	0	17.58	17.68	17.64	19	5
5	256QAM	1	12	17.43	17.57	17.54		
5	256QAM	1	24	17.56	17.48	17.52		
5	256QAM	12	0	17.27	17.39	17.24	19	5
5	256QAM	12	7	17.58	17.32	17.53		
5	256QAM	12	13	17.14	17.29	17.12		
5	256QAM	25	0	17.07	17.35	17.19		

Band 38 Ant 1 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				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	22.86	22.94	22.91	24	0
20	QPSK	1	49	22.56	22.68	22.58		
20	QPSK	1	99	22.71	22.78	22.62		
20	QPSK	50	0	21.68	21.84	21.65	23	1
20	QPSK	50	24	21.57	21.60	21.53		
20	QPSK	50	50	21.51	21.68	21.54		
20	QPSK	100	0	21.75	21.82	21.71		
20	16QAM	1	0	21.70	21.67	21.65	23	1
20	16QAM	1	49	21.55	21.65	21.62		
20	16QAM	1	99	21.48	21.61	21.51		
20	16QAM	50	0	20.71	20.74	20.66	22	2
20	16QAM	50	24	20.53	20.61	20.53		
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56	22	2
20	64QAM	1	49	20.44	20.47	20.50		
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67	21	3
20	64QAM	50	24	19.69	19.71	19.62		
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60	19	5
20	256QAM	1	49	17.56	17.66	17.63		
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67	19	5
20	256QAM	50	24	17.60	17.81	17.58		
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.79	22.88	22.78	24	0
15	QPSK	1	37	22.50	22.62	22.47		
15	QPSK	1	74	22.59	22.73	22.55		
15	QPSK	36	0	21.58	21.75	21.52	23	1
15	QPSK	36	20	21.41	21.52	21.47		
15	QPSK	36	39	21.47	21.62	21.44		
15	QPSK	75	0	21.60	21.72	21.65		
15	16QAM	1	0	21.54	21.55	21.52	23	1
15	16QAM	1	37	21.43	21.48	21.51		
15	16QAM	1	74	21.40	21.49	21.44		
15	16QAM	36	0	20.56	20.66	20.51	22	2
15	16QAM	36	20	20.39	20.50	20.48		
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44	22	2
15	64QAM	1	37	20.40	20.41	20.38		
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61	21	3
15	64QAM	36	20	19.55	19.62	19.54		
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51	19	5
15	256QAM	1	37	17.39	17.52	17.52		
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62	19	5
15	256QAM	36	20	17.56	17.65	17.47		
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2618		
10	QPSK	1	0	22.79	22.82	22.87	24	0
10	QPSK	1	25	22.48	22.57	22.42		
10	QPSK	1	49	22.62	22.64	22.55		
10	QPSK	25	0	21.62	21.72	21.57	23	1
10	QPSK	25	12	21.44	21.51	21.53		
10	QPSK	25	25	21.45	21.63	21.46		
10	QPSK	50	0	21.61	21.78	21.64		
10	16QAM	1	0	21.61	21.58	21.49	23	1
10	16QAM	1	25	21.51	21.54	21.50		
10	16QAM	1	49	21.34	21.54	21.35		
10	16QAM	25	0	20.56	20.59	20.50	22	2
10	16QAM	25	12	20.37	20.52	20.37		
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52	22	2
10	64QAM	1	25	20.38	20.32	20.43		
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58	21	3
10	64QAM	25	12	19.55	19.54	19.58		
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45	19	5
10	256QAM	1	25	17.50	17.55	17.53		
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60	19	5
10	256QAM	25	12	17.48	17.77	17.43		
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	22.80	22.79	22.77	24	0
5	QPSK	1	12	22.42	22.59	22.52		
5	QPSK	1	24	22.67	22.65	22.57		
5	QPSK	12	0	21.63	21.71	21.54	23	1
5	QPSK	12	7	21.47	21.55	21.58		
5	QPSK	12	13	21.45	21.55	21.44		
5	QPSK	25	0	21.70	21.73	21.62		
5	16QAM	1	0	21.60	21.54	21.48	23	1
5	16QAM	1	12	21.42	21.58	21.49		
5	16QAM	1	24	21.37	21.56	21.41		
5	16QAM	12	0	20.65	20.64	20.54	22	2
5	16QAM	12	7	20.40	20.51	20.41		
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43	22	2
5	64QAM	1	12	20.32	20.36	20.43		
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59	21	3
5	64QAM	12	7	19.66	19.60	19.54		
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51	19	5
5	256QAM	1	12	17.49	17.50	17.49		
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51	19	5
5	256QAM	12	7	17.43	17.76	17.45		
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

Band 41 Ant 1 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	22.87	22.85	22.97	22.91	22.90	24	0
20	QPSK	1	49	22.64	22.60	22.57	22.62	22.54		
20	QPSK	1	99	22.65	22.65	22.77	22.81	22.62		
20	QPSK	50	0	21.64	21.61	21.81	21.77	21.72	23	1
20	QPSK	50	24	21.57	21.57	21.61	21.59	21.66		
20	QPSK	50	50	21.55	21.58	21.52	21.73	21.50		
20	QPSK	100	0	21.66	21.78	21.80	21.77	21.67		
20	16QAM	1	0	21.71	21.59	21.69	21.60	21.64	23	1
20	16QAM	1	49	21.67	21.59	21.60	21.69	21.55		
20	16QAM	1	99	21.55	21.52	21.44	21.63	21.56		
20	16QAM	50	0	20.67	20.63	20.77	20.81	20.69	22	2
20	16QAM	50	24	20.59	20.56	20.46	20.58	20.57		
20	16QAM	50	50	20.63	20.65	20.47	20.64	20.55		
20	16QAM	100	0	20.46	20.51	20.62	20.71	20.52		
20	64QAM	1	0	20.52	20.54	20.65	20.61	20.57	22	2
20	64QAM	1	49	20.51	20.49	20.45	20.52	20.47		
20	64QAM	1	99	20.47	20.49	20.48	20.54	20.53		
20	64QAM	50	0	19.63	19.62	19.75	19.78	19.70	21	3
20	64QAM	50	24	19.64	19.68	19.69	19.78	19.60		
20	64QAM	50	50	19.49	19.57	19.57	19.71	19.53		
20	64QAM	100	0	19.57	19.52	19.49	19.71	19.64		
20	256QAM	1	0	17.58	17.63	17.62	17.73	17.62	19	5
20	256QAM	1	49	17.64	17.61	17.53	17.73	17.68		
20	256QAM	1	99	17.55	17.63	17.61	17.72	17.55		
20	256QAM	50	0	17.65	17.67	17.66	17.74	17.64	19	5
20	256QAM	50	24	17.57	17.57	17.56	17.88	17.52		
20	256QAM	50	50	17.47	17.58	17.47	17.69	17.52		
20	256QAM	100	0	17.66	17.58	17.62	17.76	17.69		
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	22.83	22.76	22.81	22.80	22.84	24	0
15	QPSK	1	37	22.50	22.55	22.54	22.46	22.46		
15	QPSK	1	74	22.53	22.61	22.62	22.76	22.50		
15	QPSK	36	0	21.57	21.55	21.70	21.71	21.64	23	1
15	QPSK	36	20	21.44	21.54	21.45	21.48	21.59		
15	QPSK	36	39	21.43	21.54	21.43	21.62	21.42		
15	QPSK	75	0	21.56	21.75	21.67	21.65	21.61		
15	16QAM	1	0	21.62	21.45	21.61	21.51	21.49	23	1
15	16QAM	1	37	21.57	21.50	21.55	21.63	21.49		
15	16QAM	1	74	21.51	21.45	21.34	21.50	21.41		
15	16QAM	36	0	20.54	20.51	20.64	20.74	20.63	22	2
15	16QAM	36	20	20.56	20.51	20.41	20.49	20.43		
15	16QAM	36	39	20.46	20.61	20.41	20.58	20.44		
15	16QAM	75	0	20.39	20.44	20.57	20.67	20.46		
15	64QAM	1	0	20.40	20.45	20.58	20.55	20.50	22	2
15	64QAM	1	37	20.36	20.32	20.38	20.43	20.36		
15	64QAM	1	74	20.37	20.45	20.33	20.42	20.44		
15	64QAM	36	0	19.48	19.46	19.59	19.70	19.60	21	3
15	64QAM	36	20	19.48	19.59	19.52	19.67	19.51		
15	64QAM	36	39	19.46	19.48	19.41	19.58	19.48		
15	64QAM	75	0	19.54	19.36	19.45	19.60	19.52		
15	256QAM	1	0	17.48	17.56	17.59	17.62	17.49	19	5
15	256QAM	1	37	17.56	17.55	17.38	17.56	17.54		
15	256QAM	1	74	17.48	17.55	17.44	17.60	17.49		
15	256QAM	36	0	17.58	17.52	17.52	17.59	17.53	19	5
15	256QAM	36	20	17.47	17.47	17.50	17.72	17.37		
15	256QAM	36	39	17.36	17.51	17.42	17.63	17.39		
15	256QAM	75	0	17.62	17.53	17.49	17.62	17.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.82	22.76	22.82	22.86	22.77	24	0
10	QPSK	1	25	22.55	22.56	22.40	22.46	22.48		
10	QPSK	1	49	22.50	22.49	22.71	22.72	22.51		
10	QPSK	25	0	21.60	21.52	21.73	21.65	21.66	23	1
10	QPSK	25	12	21.50	21.64	21.44	21.51	21.55		
10	QPSK	25	25	21.47	21.52	21.39	21.67	21.37		
10	QPSK	50	0	21.49	21.69	21.66	21.66	21.51		
10	16QAM	1	0	21.54	21.48	21.58	21.56	21.54	23	1
10	16QAM	1	25	21.62	21.46	21.46	21.65	21.49		
10	16QAM	1	49	21.48	21.44	21.29	21.49	21.39		
10	16QAM	25	0	20.63	20.47	20.71	20.75	20.63	22	2
10	16QAM	25	12	20.53	20.42	20.38	20.54	20.42		
10	16QAM	25	25	20.48	20.61	20.36	20.55	20.40		
10	16QAM	50	0	20.32	20.38	20.58	20.60	20.37		
10	64QAM	1	0	20.44	20.41	20.55	20.48	20.46	22	2
10	64QAM	1	25	20.47	20.43	20.42	20.49	20.40		
10	64QAM	1	49	20.40	20.35	20.33	20.43	20.37		
10	64QAM	25	0	19.53	19.49	19.67	19.74	19.57	21	3
10	64QAM	25	12	19.48	19.54	19.64	19.62	19.51		
10	64QAM	25	25	19.39	19.40	19.40	19.56	19.43		
10	64QAM	50	0	19.43	19.40	19.42	19.58	19.48		
10	256QAM	1	0	17.57	17.55	17.50	17.58	17.48	19	5
10	256QAM	1	25	17.50	17.52	17.50	17.61	17.56		
10	256QAM	1	49	17.43	17.53	17.51	17.64	17.45		
10	256QAM	25	0	17.51	17.53	17.52	17.63	17.60	19	5
10	256QAM	25	12	17.53	17.50	17.40	17.79	17.39		
10	256QAM	25	25	17.43	17.54	17.37	17.61	17.45		
10	256QAM	50	0	17.57	17.49	17.47	17.59	17.61		
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	22.81	22.69	22.93	22.78	22.74	24	0
5	QPSK	1	12	22.57	22.52	22.53	22.48	22.46		
5	QPSK	1	24	22.61	22.58	22.66	22.70	22.47		
5	QPSK	12	0	21.50	21.52	21.73	21.65	21.64	23	1
5	QPSK	12	7	21.53	21.51	21.53	21.44	21.53		
5	QPSK	12	13	21.49	21.46	21.38	21.60	21.38		
5	QPSK	25	0	21.61	21.74	21.67	21.64	21.55		
5	16QAM	1	0	21.62	21.55	21.54	21.49	21.57	23	1
5	16QAM	1	12	21.52	21.56	21.48	21.61	21.42		
5	16QAM	1	24	21.52	21.37	21.27	21.52	21.40		
5	16QAM	12	0	20.51	20.56	20.63	20.73	20.61	22	2
5	16QAM	12	7	20.44	20.50	20.32	20.42	20.49		
5	16QAM	12	13	20.46	20.49	20.35	20.59	20.45		
5	16QAM	25	0	20.42	20.35	20.58	20.55	20.42		
5	64QAM	1	0	20.45	20.41	20.50	20.46	20.51	22	2
5	64QAM	1	12	20.37	20.45	20.41	20.46	20.33		
5	64QAM	1	24	20.32	20.40	20.39	20.41	20.39		
5	64QAM	12	0	19.53	19.51	19.69	19.64	19.55	21	3
5	64QAM	12	7	19.51	19.52	19.73	19.73	19.43		
5	64QAM	12	13	19.39	19.53	19.48	19.55	19.38		
5	64QAM	25	0	19.40	19.49	19.39	19.60	19.50		
5	256QAM	1	0	17.55	17.47	17.57	17.65	17.50	19	5
5	256QAM	1	12	17.60	17.56	17.41	17.61	17.61		
5	256QAM	1	24	17.48	17.47	17.49	17.60	17.41		
5	256QAM	12	0	17.56	17.54	17.54	17.59	17.50	19	5
5	256QAM	12	7	17.45	17.48	17.53	17.78	17.43		
5	256QAM	12	13	17.35	17.47	17.31	17.59	17.42		
5	256QAM	25	0	17.58	17.49	17.50	17.61	17.57		

Band 41 HPUE Ant 1 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	25.68	25.73	25.85	25.76	25.82	27	0
20	QPSK	1	49	25.71	25.71	25.79	25.74	25.64		
20	QPSK	1	99	25.73	25.81	25.81	25.77	25.77		
20	QPSK	50	0	24.64	24.73	24.77	24.65	24.67	26	1
20	QPSK	50	24	24.58	24.59	24.66	24.53	24.67		
20	QPSK	50	50	24.52	24.61	24.63	24.51	24.66		
20	QPSK	100	0	24.65	24.67	24.71	24.66	24.61		
20	16QAM	1	0	24.99	24.94	25.01	24.86	24.98	26	1
20	16QAM	1	49	24.82	24.96	24.93	24.86	24.90		
20	16QAM	1	99	24.91	24.75	24.87	24.73	24.75		
20	16QAM	50	0	23.65	23.58	23.73	23.63	23.73	25	2
20	16QAM	50	24	23.69	23.62	23.76	23.71	23.63		
20	16QAM	50	50	23.73	23.60	23.71	23.68	23.67		
20	16QAM	100	0	23.61	23.72	23.73	23.67	23.71		
20	64QAM	1	0	23.60	23.73	23.68	23.58	23.70	25	2
20	64QAM	1	49	23.50	23.60	23.59	23.61	23.59		
20	64QAM	1	99	23.72	23.74	23.74	23.71	23.63		
20	64QAM	50	0	22.36	22.30	22.36	22.40	22.38	24	3
20	64QAM	50	24	22.20	22.19	22.27	22.14	22.28		
20	64QAM	50	50	22.46	22.45	22.43	22.30	22.36		
20	64QAM	100	0	22.40	22.38	22.48	22.38	22.42		
20	256QAM	1	0	20.71	20.60	20.68	20.65	20.59	22	5
20	256QAM	1	49	20.73	20.70	20.81	20.69	20.74		
20	256QAM	1	99	20.71	20.67	20.75	20.73	20.68		
20	256QAM	50	0	20.68	20.78	20.81	20.78	20.71	22	5
20	256QAM	50	24	20.66	20.60	20.73	20.75	20.77		
20	256QAM	50	50	20.59	20.67	20.68	20.68	20.64		
20	256QAM	100	0	20.77	20.66	20.78	20.68	20.64		
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	25.53	25.62	25.72	25.71	25.74	27	0
15	QPSK	1	37	25.52	25.57	25.72	25.60	25.48		
15	QPSK	1	74	25.63	25.69	25.80	25.63	25.59		
15	QPSK	36	0	24.57	24.59	24.77	24.53	24.61	26	1
15	QPSK	36	20	24.40	24.47	24.65	24.37	24.57		
15	QPSK	36	39	24.48	24.58	24.61	24.46	24.64		
15	QPSK	75	0	24.46	24.50	24.71	24.62	24.46		
15	16QAM	1	0	24.84	24.80	24.96	24.77	24.89	26	1
15	16QAM	1	37	24.65	24.87	24.82	24.82	24.82		
15	16QAM	1	74	24.78	24.60	24.75	24.61	24.65		
15	16QAM	36	0	23.57	23.52	23.58	23.56	23.64	25	2
15	16QAM	36	20	23.57	23.50	23.64	23.63	23.48		
15	16QAM	36	39	23.60	23.45	23.67	23.51	23.49		
15	16QAM	75	0	23.52	23.70	23.70	23.53	23.59		
15	64QAM	1	0	23.45	23.73	23.52	23.56	23.69	25	2
15	64QAM	1	37	23.40	23.56	23.52	23.56	23.56		
15	64QAM	1	74	23.54	23.68	23.62	23.54	23.48		
15	64QAM	36	0	22.27	22.16	22.28	22.23	22.23	24	3
15	64QAM	36	20	22.08	22.02	22.20	22.28	22.24		
15	64QAM	36	39	22.30	22.34	22.43	22.14	22.27		
15	64QAM	75	0	22.25	22.37	22.32	22.31	22.38		
15	256QAM	1	0	20.61	20.48	20.64	20.56	20.40	22	5
15	256QAM	1	37	20.69	20.66	20.76	20.55	20.55		
15	256QAM	1	74	20.70	20.60	20.68	20.72	20.53		
15	256QAM	36	0	20.52	20.63	20.63	20.70	20.62	22	5
15	256QAM	36	20	20.52	20.52	20.61	20.70	20.67		
15	256QAM	36	39	20.51	20.61	20.52	20.49	20.50		
15	256QAM	75	0	20.71	20.47	20.69	20.47	20.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.65	25.61	25.71	25.68	25.63	27	0
10	QPSK	1	25	25.66	25.57	25.75	25.56	25.63		
10	QPSK	1	49	25.63	25.71	25.76	25.73	25.63		
10	QPSK	25	0	24.57	24.61	24.76	24.59	24.57	26	1
10	QPSK	25	12	24.53	24.52	24.61	24.41	24.55		
10	QPSK	25	25	24.47	24.50	24.44	24.45	24.59		
10	QPSK	50	0	24.65	24.67	24.56	24.56	24.44		
10	16QAM	1	0	24.92	24.83	24.86	24.70	24.94	26	1
10	16QAM	1	25	24.78	24.79	24.83	24.73	24.80		
10	16QAM	1	49	24.83	24.61	24.82	24.62	24.67		
10	16QAM	25	0	23.45	23.38	23.68	23.46	23.67	25	2
10	16QAM	25	12	23.61	23.43	23.75	23.58	23.45		
10	16QAM	25	25	23.68	23.54	23.57	23.60	23.62		
10	16QAM	50	0	23.56	23.56	23.60	23.53	23.59		
10	64QAM	1	0	23.54	23.72	23.63	23.44	23.67	25	2
10	64QAM	1	25	23.40	23.58	23.50	23.41	23.39		
10	64QAM	1	49	23.68	23.57	23.56	23.57	23.57		
10	64QAM	25	0	22.27	22.29	22.35

Band 2 Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.11	21.17	21.15	22	0
20	QPSK	1	49	20.85	20.85	21.04		
20	QPSK	1	99	20.81	18.95	20.87		
20	QPSK	50	0	19.83	20.07	19.76	21	1
20	QPSK	50	24	19.97	20.05	20.01		
20	QPSK	50	50	19.94	19.95	20.03		
20	QPSK	100	0	19.81	19.86	19.80		
20	16QAM	1	0	19.66	19.83	19.69	21	1
20	16QAM	1	49	19.66	19.66	19.49		
20	16QAM	1	99	19.68	19.83	19.77		
20	16QAM	50	0	19.87	18.95	19.82	20	2
20	16QAM	50	24	18.70	18.61	18.74		
20	16QAM	50	50	18.65	18.79	18.70		
20	16QAM	100	0	18.68	18.68	18.78		
20	64QAM	1	0	19.18	19.08	19.36	20	2
20	64QAM	1	49	19.03	18.90	19.03		
20	64QAM	1	99	18.91	18.83	19.05		
20	64QAM	50	0	17.86	17.87	17.84	19	3
20	64QAM	50	24	17.85	17.70	17.74		
20	64QAM	50	50	17.91	17.83	17.78		
20	64QAM	100	0	17.84	17.85	17.93		
20	256QAM	1	0	16.22	16.20	16.18	17	5
20	256QAM	1	49	16.21	16.08	16.15		
20	256QAM	1	99	16.02	16.12	16.11		
20	256QAM	50	0	16.22	16.02	16.23	17	5
20	256QAM	50	24	16.16	16.03	16.04		
20	256QAM	50	50	15.93	15.93	15.99		
20	256QAM	100	0	16.13	16.09	16.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.12	21.13	21.16	22	0
15	QPSK	1	37	20.83	20.86	20.96		
15	QPSK	1	74	20.86	20.87	20.87		
15	QPSK	36	0	19.81	20.09	19.94	21	1
15	QPSK	36	20	20.01	19.93	19.84		
15	QPSK	36	39	19.88	19.85	19.86		
15	QPSK	75	0	19.83	19.98	19.88		
15	16QAM	1	0	19.66	19.88	19.82	21	1
15	16QAM	1	37	19.70	19.66	19.60		
15	16QAM	1	74	19.70	19.67	19.79		
15	16QAM	36	0	18.82	18.78	18.85	20	2
15	16QAM	36	20	18.80	18.73	18.64		
15	16QAM	36	39	18.65	18.63	18.58		
15	16QAM	75	0	18.68	18.72	18.72		
15	64QAM	1	0	19.23	19.13	19.32	20	2
15	64QAM	1	37	19.08	18.91	18.89		
15	64QAM	1	74	18.85	18.85	18.87		
15	64QAM	36	0	17.89	17.94	17.84	19	3
15	64QAM	36	20	17.68	17.75	17.82		
15	64QAM	36	39	17.78	17.75	17.94		
15	64QAM	75	0	17.84	17.93	17.91		
15	256QAM	1	0	16.31	16.31	16.16	17	5
15	256QAM	1	37	16.20	16.22	16.07		
15	256QAM	1	74	15.98	16.06	16.07		
15	256QAM	36	0	16.09	16.05	16.13	17	5
15	256QAM	36	20	16.20	16.05	15.96		
15	256QAM	36	39	16.00	16.03	16.03		
15	256QAM	75	0	16.02	16.02	16.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.13	21.10	21.16	22	0
10	QPSK	1	25	20.96	20.96	21.02		
10	QPSK	1	49	20.79	20.88	20.90		
10	QPSK	25	0	19.80	20.03	19.95	21	1
10	QPSK	25	12	20.04	20.07	19.83		
10	QPSK	25	25	20.02	19.96	19.90		
10	QPSK	50	0	19.90	19.85	19.93		
10	16QAM	1	0	19.63	19.71	19.67	21	1
10	16QAM	1	25	19.70	19.68	19.58		
10	16QAM	1	49	19.74	19.74	19.75		
10	16QAM	25	0	18.89	18.92	18.76	20	2
10	16QAM	25	12	18.73	18.72	18.61		
10	16QAM	25	25	18.75	18.81	18.55		
10	16QAM	50	0	18.82	18.85	18.82		
10	64QAM	1	0	19.20	19.16	19.29	20	2
10	64QAM	1	25	19.09	18.84	19.07		
10	64QAM	1	49	18.99	18.86	18.90		
10	64QAM	25	0	17.84	17.91	17.93	19	3
10	64QAM	25	12	17.64	17.62	17.64		
10	64QAM	25	25	17.81	17.78	17.88		
10	64QAM	50	0	17.84	17.92	17.96		
10	256QAM	1	0	16.16	16.27	16.13	17	5
10	256QAM	1	25	16.14	16.25	16.05		
10	256QAM	1	49	16.02	16.00	16.10		
10	256QAM	25	0	16.07	16.19	16.13	17	5
10	256QAM	25	12	16.19	16.05	16.03		
10	256QAM	25	25	16.01	16.05	15.99		
10	256QAM	50	0	16.16	16.03	16.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.15	21.11	21.11	22	0
5	QPSK	1	12	21.02	20.82	20.91		
5	QPSK	1	24	20.78	20.75	21.01		
5	QPSK	12	0	19.81	19.94	19.79	21	1
5	QPSK	12	7	19.92	19.95	19.84		
5	QPSK	12	13	19.88	19.85	19.90		
5	QPSK	25	0	19.77	19.87	19.82		
5	16QAM	1	0	19.71	19.76	19.70	21	1
5	16QAM	1	12	19.86	19.71	19.82		
5	16QAM	1	24	19.76	19.78	19.70		
5	16QAM	12	0	18.76	18.84	18.88	20	2
5	16QAM	12	7	18.66	18.64	18.73		
5	16QAM	12	13	18.62	18.68	18.73		
5	16QAM	25	0	18.74	18.65	18.82		
5	64QAM	1	0	19.12	19.23	19.27	20	2
5	64QAM	1	12	19.04	19.01	19.01		
5	64QAM	1	24	18.90	18.94	18.96		
5	64QAM	12	0	18.00	17.85	17.87	19	3
5	64QAM	12	7	17.62	17.64	17.76		
5	64QAM	12	13	17.94	17.80	17.94		
5	64QAM	25	0	17.87	17.77	17.99		
5	256QAM	1	0	16.15	16.27	16.20	17	5
5	256QAM	1	12	16.25	16.18	15.97		
5	256QAM	1	24	16.07	16.00	16.09		
5	256QAM	12	0	16.16	16.23	16.05	17	5
5	256QAM	12	7	16.07	15.99	16.09		
5	256QAM	12	13	15.94	15.93	15.95		
5	256QAM	25	0	16.06	16.18	16.04		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.11	21.15	21.08	22	0
3	QPSK	1	8	21.03	20.83	20.88		
3	QPSK	1	14	20.93	20.73	20.89		
3	QPSK	8	0	19.85	20.03	19.93	21	1
3	QPSK	8	4	20.10	20.03	19.84		
3	QPSK	8	7	19.99	19.83	19.97		
3	QPSK	15	0	19.78	19.88	20.00		
3	16QAM	1	0	19.66	19.76	19.76	21	1
3	16QAM	1	8	19.69	19.74	19.49		
3	16QAM	1	14	19.69	19.75	19.73		
3	16QAM	8	0	18.76	18.89	18.85	20	2
3	16QAM	8	4	18.72	18.68	18.68		
3	16QAM	8	7	18.69	18.62	18.65		
3	16QAM	15	0	18.80	18.66	18.66		
3	64QAM	1	0	19.16	19.05	19.23	20	2
3	64QAM	1	8	19.00	18.97	19.04		
3	64QAM	1	14	18.98	18.91	18.87		
3	64QAM	8	0	17.95	17.89	17.92	19	3
3	64QAM	8	4	17.63	17.68	17.58		
3	64QAM	8	7	17.88	17.80	17.82		
3	64QAM	15	0	17.80	17.96	17.87		
3	256QAM	1	0	16.23	16.30	16.15	17	5
3	256QAM	1	8	16.24	16.11	16.00		
3	256QAM	1	14	16.03	16.08	15.98		
3	256QAM	8	0	16.12	16.12	16.17	17	5
3	256QAM	8	4	16.19	16.00	16.11		
3	256QAM	8	7	15.92	15.99	15.92		
3	256QAM	15	0	16.09	16.07	16.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.01	21.13	21.15	22	0
1.4	QPSK	1	3	20.98	20.86	20.88		
1.4	QPSK	1	5	20.84	20.69	20.98		
1.4	QPSK	3	0	21.16	21.13	21.10		
1.4	QPSK	3	1	20.85	20.95	20.97		
1.4	QPSK	3	3	20.88	20.70	20.91		
1.4	QPSK	6	0	19.84	20.08	19.81	21	1
1.4	16QAM	1	0	19.96	19.97	19.87	21	1
1.4	16QAM	1	3	19.94	19.92	19.94		
1.4	16QAM	1	5	19.77	19.83	19.91		
1.4	16QAM	3	0	19.91	19.97	19.87		
1.4	16QAM	3	1	19.88	19.83	19.93		
1.4	16QAM	3	3	19.87	19.84	19.86		
1.4	16QAM	6	0	18.80	18.73	18.88	20	2
1.4	64QAM	1	0	18.73	18.57	18.61	20	2
1.4	64QAM	1	3	18.64	18.66	18.58		
1.4	64QAM	1	5	18.64	18.69	18.72		
1.4	64QAM	3	0	19.16	19.12	19.20		
1.4	64QAM	3	1	19.02	18.90	18.94		
1.4	64QAM	3	3	18.82	18.90	19.00		
1.4	64QAM	6	0	17.84	17.77	17.94	19	3
1.4	256QAM	1	0	16.12	16.22	16.09	17	5
1.4	256QAM	1	3	15.93	15.96	16.05		
1.4	256QAM	1	5	16.03	16.12	16.09		
1.4	256QAM	3	0	16.01	15.97	16.11		
1.4	256QAM	3	1	15.87	15.90	15.82		
1.4	256QAM	3	3	15.98	16.12	16.07		
1.4	256QAM	6	0	15.94	16.09	16.09	17	5

Band 2 Ant 4 Default sig path: : 347

BW [MHz]	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	21.83	21.86	21.85	22	0
20	QPSK	1	49	21.78	21.78	21.76		
20	QPSK	1	99	21.75	21.73	21.82		
20	QPSK	50	0	20.74	20.83	20.79	21	1
20	QPSK	50	24	20.76	20.66	20.76		
20	QPSK	50	50	20.76	20.67	20.66		
20	QPSK	100	0	20.78	20.81	20.71		
20	16QAM	1	0	20.91	20.91	20.69	21	1
20	16QAM	1	49	20.91	20.82	20.85		
20	16QAM	1	99	20.82	20.88	20.74		
20	16QAM	50	0	19.84	19.80	20.03	20	2
20	16QAM	50	24	19.77	19.79	19.79		
20	16QAM	50	50	19.64	19.74	19.65		
20	16QAM	100	0	19.71	19.68	19.82		
20	64QAM	1	0	19.81	19.88	19.73	20	2
20	64QAM	1	49	19.75	19.78	19.78		
20	64QAM	1	99	19.75	19.80	19.79		
20	64QAM	50	0	18.72	18.71	18.73	19	3
20	64QAM	50	24	18.67	18.74	18.80		
20	64QAM	50	50	18.73	18.73	18.76		
20	64QAM	100	0	18.72	18.77	18.59		
20	256QAM	1	0	16.73	16.72	16.82	17	5
20	256QAM	1	49	16.79	16.80	16.77		
20	256QAM	1	99	16.63	16.67	16.74		
20	256QAM	50	0	16.59	16.54	16.74	17	5
20	256QAM	50	24	16.70	16.56	16.58		
20	256QAM	50	50	16.52	16.56	16.53		
20	256QAM	100	0	16.60	16.71	16.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.64	21.74	21.70	22	0
15	QPSK	1	37	21.69	21.81	21.81		
15	QPSK	1	74	21.67	21.78	21.76		
15	QPSK	36	0	20.70	20.77	20.76	21	1
15	QPSK	36	20	20.71	20.76	20.66		
15	QPSK	36	39	20.81	20.71	20.78		
15	QPSK	75	0	20.64	20.74	20.69		
15	16QAM	1	0	20.83	20.90	20.82	21	1
15	16QAM	1	37	20.98	20.87	20.81		
15	16QAM	1	74	20.84	20.85	20.68		
15	16QAM	36	0	19.88	19.85	20.02	20	2
15	16QAM	36	20	19.89	19.74	19.82		
15	16QAM	36	39	19.74	19.87	19.55		
15	16QAM	75	0	19.73	19.78	19.81		
15	64QAM	1	0	19.73	19.89	19.72	20	2
15	64QAM	1	37	19.75	19.72	19.89		
15	64QAM	1	74	19.88	19.76	19.73		
15	64QAM	36	0	18.72	18.82	18.74	19	3
15	64QAM	36	20	18.72	18.74	18.84		
15	64QAM	36	39	18.77	18.81	18.66		
15	64QAM	75	0	18.67	18.71	18.58		
15	256QAM	1	0	16.72	16.75	16.91	17	5
15	256QAM	1	37	16.78	16.68	16.68		
15	256QAM	1	74	16.63	16.70	16.73		
15	256QAM	36	0	16.64	16.67	16.78	17	5
15	256QAM	36	20	16.59	16.65	16.57		
15	256QAM	36	39	16.56	16.57	16.49		
15	256QAM	75	0	16.60	16.72	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.76	21.85	21.77	22	0
10	QPSK	1	25	21.71	21.70	21.72		
10	QPSK	1	49	21.72	21.71	21.71		
10	QPSK	25	0	20.80	20.81	20.77	21	1
10	QPSK	25	12	20.77	20.63	20.71		
10	QPSK	25	25	20.72	20.73	20.68		
10	QPSK	50	0	20.62	20.65	20.75		
10	16QAM	1	0	20.84	20.91	20.83	21	1
10	16QAM	1	25	20.92	20.81	20.93		
10	16QAM	1	49	20.82	20.90	20.70		
10	16QAM	25	0	19.91	19.90	19.98	20	2
10	16QAM	25	12	19.78	19.70	19.85		
10	16QAM	25	25	19.68	19.79	19.67		
10	16QAM	50	0	19.75	19.73	19.75		
10	64QAM	1	0	19.81	19.87	19.67	20	2
10	64QAM	1	25	19.81	19.78	19.90		
10	64QAM	1	49	19.74	19.87	19.74		
10	64QAM	25	0	18.80	18.81	18.76	19	3
10	64QAM	25	12	18.71	18.74	18.82		
10	64QAM	25	25	18.82	18.75	18.78		
10	64QAM	50	0	18.66	18.79	18.59		
10	256QAM	1	0	16.76	16.76	16.86	17	5
10	256QAM	1	25	16.72	16.70	16.71		
10	256QAM	1	49	16.62	16.70	16.69		
10	256QAM	25	0	16.67	16.65	16.63	17	5
10	256QAM	25	12	16.69	16.58	16.55		
10	256QAM	25	25	16.46	16.57	16.48		
10	256QAM	50	0	16.61	16.60	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.63	21.74	21.77	22	0
5	QPSK	1	12	21.80	21.71	21.80		
5	QPSK	1	24	21.69	21.70	21.73		
5	QPSK	12	0	20.78	20.78	20.64	21	1
5	QPSK	12	7	20.72	20.71	20.70		
5	QPSK	12	13	20.80	20.71	20.74		
5	QPSK	25	0	20.69	20.76	20.74		
5	16QAM	1	0	20.80	20.87	20.76	21	1
5	16QAM	1	12	20.93	20.82	20.85		
5	16QAM	1	24	20.94	20.90	20.82		
5	16QAM	12	0	19.86	19.77	19.99	20	2
5	16QAM	12	7	19.83	19.72	19.81		
5	16QAM	12	13	19.69	19.86	19.74		
5	16QAM	25	0	19.80	19.67	19.89		
5	64QAM	1	0	19.78	19.79	19.70	20	2
5	64QAM	1	12	19.81	19.85	19.89		
5	64QAM	1	24	19.81	19.86	19.84		
5	64QAM	12	0	18.83	18.78	18.68	19	3
5	64QAM	12	7	18.69	18.70	18.73		
5	64QAM	12	13	18.74	18.82	18.74		
5	64QAM	25	0	18.61	18.74	18.64		
5	256QAM	1	0	16.76	16.78	16.90	17	5
5	256QAM	1	12	16.80	16.80	16.76		
5	256QAM	1	24	16.75	16.74	16.77		
5	256QAM	12	0	16.59	16.65	16.72	17	5
5	256QAM	12	7	16.60	16.58	16.53		
5	256QAM	12	13	16.53	16.61	16.60		
5	256QAM	25	0	16.62	16.68	16.57		
Channel				18610	18900	19190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.8	1880	1908.2		
3	QPSK	1	0	21.68	21.84	21.66	22	0
3	QPSK	1	8	21.73	21.71	21.75		
3	QPSK	1	14	21.73	21.67	21.74		
3	QPSK	8	0	20.69	20.84	20.65	21	1
3	QPSK	8	4	20.73	20.66	20.80		
3	QPSK	8	7	20.84	20.76	20.65		
3	QPSK	15	0	20.65	20.65	20.75		
3	16QAM	1	0	20.91	20.88	20.75	21	1
3	16QAM	1	8	20.94	20.86	20.93		
3	16QAM	1	14	20.87	20.91	20.76		
3	16QAM	8	0	19.98	19.83	20.03	20	2
3	16QAM	8	4	19.87	19.74	19.77		
3	16QAM	8	7	19.73	19.78	19.68		
3	16QAM	15	0	19.81	19.75	19.75		
3	64QAM	1	0	19.75	19.79	19.69	20	2
3	64QAM	1	8	19.77	19.77	19.80		
3	64QAM	1	14	19.80	19.86	19.81		
3	64QAM	8	0	18.74	18.78	18.67	19	3
3	64QAM	8	4	18.70	18.65	18.85		
3	64QAM	8	7	18.80	18.69	18.70		
3	64QAM	15	0	18.58	18.75	18.64		
3	256QAM	1	0	16.81	16.76	16.84	17	5
3	256QAM	1	8	16.75	16.79	16.78		
3	256QAM	1	14	16.67	16.71	16.78		
3	256QAM	8	0	16.64	16.69	16.77	17	5
3	256QAM	8	4	16.54	16.54	16.57		
3	256QAM	8	7	16.46	16.57	16.47		
3	256QAM	15	0	16.52	16.65	16.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.74	21.74	21.76	22	0
1.4	QPSK	1	3	21.64	21.59	21.68		
1.4	QPSK	1	5	21.77	21.76	21.58		
1.4	QPSK	3	0	21.79	21.77	21.82		
1.4	QPSK	3	1	21.73	21.59	21.69		
1.4	QPSK	3	3	21.66	21.75	21.68		
1.4	QPSK	6	0	20.49	20.58	20.63	21	1
1.4	16QAM	1	0	20.67	20.59	20.61	21	1
1.4	16QAM	1	3	20.63	20.66	20.55		
1.4	16QAM	1	5	20.62	20.60	20.55		
1.4	16QAM	3	0	20.86	20.85	20.60		
1.4	16QAM	3	1	20.82	20.78	20.71		
1.4	16QAM	3	3	20.83	20.77	20.67		
1.4	16QAM	6	0	19.80	19.64	19.83	20	2
1.4	64QAM	1	0	19.59	19.81	19.52	20	2
1.4	64QAM	1	3	19.68	19.66	19.74		
1.4	64QAM	1	5	19.76	19.82	19.62		
1.4	64QAM	3	0	19.63	19.74	19.73		
1.4	64QAM	3	1	19.67	19.73	19.64		
1.4	64QAM	3	3	19.70	19.73	19.62		
1.4	64QAM	6	0	18.61	18.54	18.69	19	3
1.4	256QAM	1	0	16.69	16.67	16.72	17	5
1.4	256QAM	1	3	16.66	16.68	16.58		
1.4	256QAM	1	5	16.53	16.64	16.51		
1.4	256QAM	3	0	16.43	16.58	16.58		
1.4	256QAM	3	1	16.58	16.48	16.50		
1.4	256QAM	3	3	16.36	16.48	16.56		
1.4	256QAM	6	0	16.58	16.48	16.42	17	5

Band 4 Ant 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	21.76	21.85	21.79	23	0
20	QPSK	1	49	21.75	21.76	21.72		
20	QPSK	1	99	21.82	21.81	21.81		
20	QPSK	50	0	20.67	20.69	20.64	22	1
20	QPSK	50	24	20.60	20.65	20.57		
20	QPSK	50	50	20.56	20.64	20.57		
20	QPSK	100	0	20.53	20.63	20.62		
20	16QAM	1	0	20.67	20.63	20.61	22	1
20	16QAM	1	49	20.67	20.59	20.72		
20	16QAM	1	99	20.70	20.68	20.71		
20	16QAM	50	0	19.66	19.57	19.74	21	2
20	16QAM	50	24	19.56	19.51	19.61		
20	16QAM	50	50	19.58	19.65	19.52		
20	16QAM	100	0	19.55	19.63	19.53		
20	64QAM

Band 12 Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.69	22.60	24	0
10	QPSK	1	25	22.55	22.57	22.59		
10	QPSK	6	49	22.54	22.63	22.62		
10	QPSK	25	0	21.55	21.58	21.49	23	1
10	QPSK	25	12	21.57	21.49	21.54		
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	22.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56	23	1
10	16QAM	1	25	21.77	21.69	21.67		
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81	22	2
10	16QAM	25	12	20.64	20.58	20.59		
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46	22	2
10	64QAM	1	25	20.62	20.60	20.66		
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53	21	3
10	64QAM	25	12	19.49	19.47	19.57		
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64	19	5
10	256QAM	1	25	17.56	17.53	17.55		
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50	19	5
10	256QAM	25	12	17.42	17.41	17.41		
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.59	22.53	24	0
5	QPSK	1	12	22.41	22.51	22.52		
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45	23	1
5	QPSK	12	7	21.51	21.45	21.51		
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52	23	1
5	16QAM	1	12	21.65	21.57	21.57		
5	16QAM	1	24	21.66	21.63	21.36		
5	16QAM	12	0	20.59	20.58	20.65	22	2
5	16QAM	12	7	20.50	20.41	20.53		
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28	22	2
5	64QAM	1	12	20.46	20.41	20.65		
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45	21	3
5	64QAM	12	7	19.30	19.40	19.52		
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52	19	5
5	256QAM	1	12	17.52	17.40	17.52		
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46	19	5
5	256QAM	12	7	17.37	17.35	17.30		
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.51	22.63	22.54	24	0
3	QPSK	1	8	22.46	22.52	22.41		
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37	23	1
3	QPSK	8	4	21.56	21.35	21.43		
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50	23	1
3	16QAM	1	8	21.74	21.54	21.55		
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65	22	2
3	16QAM	8	4	20.51	20.56	20.50		
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35	22	2
3	64QAM	1	8	20.57	20.52	20.50		
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41	21	3
3	64QAM	8	4	19.31	19.34	19.52		
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52	19	5
3	256QAM	1	8	17.39	17.40	17.48		
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38	19	5
3	256QAM	8	4	17.36	17.29	17.38		
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.53	22.53	24	0
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46		
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	1
1.4	16QAM	1	0	21.40	21.37	21.47	23	1
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38		
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	2
1.4	64QAM	1	0	20.43	20.56	20.27	22	2
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43		
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	3
1.4	256QAM	1	0	17.46	17.39	17.55	19	5
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36		
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	5

Band 12 Ant 4 Default sig path: : 300

BW [MHz]	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	22.88	22.92	22.85	24	0
10	QPSK	1	25	22.83	22.78	22.90		
10	QPSK	6	49	22.78	22.84	22.91		
10	QPSK	25	0	21.85	21.89	21.88	23	1
10	QPSK	25	12	21.83	21.80	21.76		
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.87	21.83		
10	16QAM	1	0	21.99	22.03	21.83	23	1
10	16QAM	1	25	22.02	21.92	21.89		
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09	22	2
10	16QAM	25	12	20.84	20.90	20.87		
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.54	20.96	20.65	22	2
10	64QAM	1	25	20.92	20.81	20.87		
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81	21	3
10	64QAM	25	12	19.75	19.68	19.81		
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82	19	5
10	256QAM	1	25	17.73	17.81	17.73		
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71	19	5
10	256QAM	25	12	17.68	17.64	17.65		
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.82	22.80	22.76	24	0
5	QPSK	1	12	22.75	22.76	22.87		
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	21.79	21.85	21.77	23	1
5	QPSK	12	7	21.78	21.76	21.87		
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.96	21.75	23	1
5	16QAM	1	12	21.99	21.87	21.77		
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94	22	2
5	16QAM	12	7	20.78	20.65	20.82		
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51	22	2
5	64QAM	1	12	20.76	20.67	20.83		
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74	21	3
5	64QAM	12	7	19.62	19.60	19.66		
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73	19	5
5	256QAM	1	12	17.67	17.64	17.68		
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66	19	5
5	256QAM	12	7	17.52	17.59	17.57		
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.80	22.76	22.79	24	0
3	QPSK	1	8	22.70	22.76	22.76		
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	21.78	21.85	21.85	23	1
3	QPSK	8	4	21.70	21.64	21.83		
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81	23	1
3	16QAM	1	8	21.84	21.89	21.77		
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03	22	2
3	16QAM	8	4	20.81	20.65	20.75		
3	16QAM	8	7	20.60	20.67	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51	22	2
3	64QAM	1	8	20.79	20.70	20.72		
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65	21	3
3	64QAM	8	4	19.72	19.54	19.74		
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71	19	5
3	256QAM	1	8	17.68	17.75	17.70		
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64	19	5
3	256QAM	8	4	17.61	17.56	17.60		
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.87	22.78	22.82	24	0
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76		
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.81	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	1
1.4	16QAM	1	0	21.62	21.62	21.76	23	1
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71		
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	2
1.4	64QAM	1	0	20.72	20.79	20.53	22	2
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71		
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	3
1.4	256QAM	1	0	17.78	17.65	17.81	19	5
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68		
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	5

Band 13 Ant 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.78		24	0
10	QPSK	1	25		22.65			
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72		23	1
10	QPSK	25	12		21.68			
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.64			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.46			
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63		19	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.71	22.67	24	0
5	QPSK	1	12	22.61	22.56	22.57		
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62	23	1
5	QPSK	12	7	21.61	21.54	21.58		
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76	23	1
5	16QAM	1	12	21.63	21.64	21.73		
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58	22	2
5	16QAM	12	7	20.53	20.51	20.55		
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54	22	2
5	64QAM	1	12	20.46	20.41	20.40		
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40	21	3
5	64QAM	12	7	19.38	19.41	19.35		
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35	19	5
5	256QAM	1	12	17.34	17.32	17.29		
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53	19	5
5	256QAM	12	7	17.47	17.43	17.42		
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 Default sig path: : 378

BW [MHz]	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		22.51		24	0
10	QPSK	1	25		22.50			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.45			
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69		23	1
10	16QAM	1	25		21.52			
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.35			
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29		21	3
10	64QAM	25	12		19.29			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25		19	5
10	256QAM	1	25		17.22			
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.45	22.36	24	0
5	QPSK	1	12	22.46	22.39	22.41		
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37	23	1
5	QPSK	12	7	21.40	21.39	21.36		
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62	23	1
5	16QAM	1	12	21.47	21.42	21.43		
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34	22	2
5	16QAM	12	7	20.35	20.32	20.28		
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37	22	2
5	64QAM	1	12	20.24	20.29	20.30		
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22	21	3
5	64QAM	12	7	19.13	19.24	19.19		
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20	19	5
5	256QAM	1	12	17.16	17.12	17.13		
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26	19	5
5	256QAM	12	7	17.23	17.22	17.31		
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 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					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 Default sig path: : 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 17 Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.72	22.76	22.73	24	0
10	QPSK	1	25	22.70	22.75	22.72		
10	QPSK	1	49	22.69	22.74	22.71		
10	QPSK	25	0	21.74	21.75	21.71	23	1
10	QPSK	25	12	21.59	21.68	21.52		
10	QPSK	25	25	21.57	21.62	21.57		
10	QPSK	50	0	21.64	21.73	21.68		
10	16QAM	1	0	21.95	21.87	21.96	23	1
10	16QAM	1	25	21.83	21.82	21.75		
10	16QAM	1	49	21.84	21.81	21.84		
10	16QAM	25	0	20.68	20.66	20.66	22	2
10	16QAM	25	12	20.52	20.61	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.50	22	2
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	21	3
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	19	5
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.46	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	19	5
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.48	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.69	22.64	22.65	24	0
5	QPSK	1	12	22.68	22.69	22.64		
5	QPSK	1	24	22.54	22.65	22.52		
5	QPSK	12	0	21.65	21.72	21.65	23	1
5	QPSK	12	7	21.49	21.48	21.39		
5	QPSK	12	13	21.46	21.57	21.55		
5	QPSK	25	0	21.57	21.59	21.50		
5	16QAM	1	0	21.86	21.85	21.95	23	1
5	16QAM	1	12	21.70	21.64	21.61		
5	16QAM	1	24	21.71	21.74	21.79		
5	16QAM	12	0	20.67	20.52	20.55	22	2
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.44	20.45		
5	64QAM	1	0	20.31	20.47	20.44	22	2
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	21	3
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	19	5
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	19	5
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.45	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

Band 25 Ant 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.14	21.20	21.13	22	0
20	QPSK	1	49	20.75	20.86	20.98		
20	QPSK	1	99	20.78	20.91	20.82		
20	QPSK	50	0	19.85	20.17	19.82	21	1
20	QPSK	50	24	19.94	20.12	19.91		
20	QPSK	50	50	19.86	19.86	20.05		
20	QPSK	100	0	19.73	19.91	19.76		
20	16QAM	1	0	19.66	19.82	19.72	21	1
20	16QAM	1	49	19.64	19.57	19.56		
20	16QAM	1	99	19.75	19.74	19.79		
20	16QAM	50	0	18.90	18.97	18.76	20	2
20	16QAM	50	24	18.78	18.54	18.64		
20	16QAM	50	50	18.59	18.76	18.67		
20	16QAM	100	0	18.73	18.71	18.81		
20	64QAM	1	0	19.21	19.16	19.18	20	2
20	64QAM	1	49	18.99	18.81	19.02		
20	64QAM	1	99	18.95	18.91	19.03		
20	64QAM	50	0	17.79	17.94	17.92	19	3
20	64QAM	50	24	17.59	17.79	17.79		
20	64QAM	50	50	17.95	17.87	17.77		
20	64QAM	100	0	17.83	17.90	17.83		
20	256QAM	1	0	16.30	16.22	16.16	17	5
20	256QAM	1	49	16.27	16.12	16.23		
20	256QAM	1	99	16.01	16.08	16.07		
20	256QAM	50	0	16.16	16.04	16.22	17	5
20	256QAM	50	24	16.21	16.09	16.05		
20	256QAM	50	50	15.98	15.93	15.84		
20	256QAM	100	0	16.21	16.03	15.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.02	21.04	20.97	22	0
15	QPSK	1	37	20.57	20.63	20.76		
15	QPSK	1	74	20.56	20.63	20.69		
15	QPSK	36	0	19.58	19.88	19.56	21	1
15	QPSK	36	20	19.76	19.84	19.80		
15	QPSK	36	39	19.70	19.57	19.93		
15	QPSK	75	0	19.51	19.63	19.58		
15	16QAM	1	0	19.52	19.70	19.55	21	1
15	16QAM	1	37	19.49	19.39	19.33		
15	16QAM	1	74	19.54	19.56	19.64		
15	16QAM	36	0	18.61	18.73	18.59	20	2
15	16QAM	36	20	18.57	18.36	18.35		
15	16QAM	36	39	18.30	18.46	18.39		
15	16QAM	75	0	18.62	18.56	18.54		
15	64QAM	1	0	18.93	18.98	18.92	20	2
15	64QAM	1	37	18.83	18.65	18.92		
15	64QAM	1	74	18.79	18.77	18.82		
15	64QAM	36	0	17.54	17.83	17.73	19	3
15	64QAM	36	20	17.39	17.67	17.59		
15	64QAM	36	39	17.84	17.71	17.48		
15	64QAM	75	0	17.68	17.69	17.53		
15	256QAM	1	0	16.20	15.99	15.88	17	5
15	256QAM	1	37	16.05	15.95	16.11		
15	256QAM	1	74	15.91	15.89	15.93		
15	256QAM	36	0	15.98	15.89	16.05	17	5
15	256QAM	36	20	15.97	15.85	15.91		
15	256QAM	36	39	16.03	16.12	16.08		
15	256QAM	75	0	16.00	15.81	15.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.89	20.96	20.85	22	0
10	QPSK	1	25	20.50	20.75	20.74		
10	QPSK	1	49	20.64	20.54	20.66		
10	QPSK	25	0	19.63	19.92	19.54	21	1
10	QPSK	25	12	19.71	19.91	19.80		
10	QPSK	25	25	19.59	19.68	19.88		
10	QPSK	50	0	19.45	19.77	19.47		
10	16QAM	1	0	19.48	19.59	19.45	21	1
10	16QAM	1	25	19.34	19.40	19.36		
10	16QAM	1	49	19.61	19.51	19.55		
10	16QAM	25	0	18.77	18.68	18.66	20	2
10	16QAM	25	12	18.53	18.33	18.42		
10	16QAM	25	25	18.29	18.54	18.41		
10	16QAM	50	0	18.49	18.52	18.61		
10	64QAM	1	0	18.99	18.88	18.90	20	2
10	64QAM	1	25	18.74	18.58	18.92		
10	64QAM	1	49	18.69	18.69	18.87		
10	64QAM	25	0	17.54	17.65	17.80	19	3
10	64QAM	25	12	17.47	17.52	17.51		
10	64QAM	25	25	17.81	17.70	17.52		
10	64QAM	50	0	17.53	17.69	17.65		
10	256QAM	1	0	16.11	16.01	15.93	17	5
10	256QAM	1	25	15.98	16.00	16.10		
10	256QAM	1	49	15.80	16.09	15.95		
10	256QAM	25	0	16.04	16.06	15.99	17	5
10	256QAM	25	12	16.02	15.94	15.84		
10	256QAM	25	25	16.05	16.09	15.96		
10	256QAM	50	0	16.23	16.06	16.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.87	20.96	21.00	22	0
5	QPSK	1	12	20.64	20.66	20.76		
5	QPSK	1	24	20.65	20.60	20.67		
5	QPSK	12	0	19.87	19.91	19.54	21	1
5	QPSK	12	7	19.79	19.92	19.74		
5	QPSK	12	13	19.68	19.60	19.90		
5	QPSK	25	0	19.53	19.64	19.47		
5	16QAM	1	0	19.55	19.68	19.48	21	1
5	16QAM	1	12	19.41	19.27	19.35		
5	16QAM	1	24	19.48	19.54	19.62		
5	16QAM	12	0	18.66	18.71	18.56	20	2
5	16QAM	12	7	18.56	18.34	18.49		
5	16QAM	12	13	18.37	18.64	18.48		
5	16QAM	25	0	18.62	18.56	18.51		
5	64QAM	1	0	19.02	19.02	19.05	20	2
5	64QAM	1	12	18.71	18.68	18.91		
5	64QAM	1	24	18.71	18.76	18.92		
5	64QAM	12	0	17.54	17.72	17.69	19	3
5	64QAM	12	7	17.32	17.66	17.63		
5	64QAM	12	13	17.71	17.73	17.64		
5	64QAM	25	0	17.53	17.76	17.58		
5	256QAM	1	0	16.05	16.29	15.98	17	5
5	256QAM	1	12	16.01	16.17	15.99		
5	256QAM	1	24	16.04	16.15	16.12		
5	256QAM	12	0	15.92	16.14	15.98	17	5
5	256QAM	12	7	16.04	16.17	16.16		
5	256QAM	12	13	16.11	16.11	16.12		
5	256QAM	25	0	16.03	16.19	16.15		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	21.00	20.86	22	0
3	QPSK	1	8	20.63	20.68	20.76		
3	QPSK	1	14	20.61	20.60	20.71		
3	QPSK	8	0	19.68	20.06	19.70	21	1
3	QPSK	8	4	19.81	19.95	19.62		
3	QPSK	8	7	19.64	19.63	19.90		
3	QPSK	15	0	19.54	19.61	19.47		
3	16QAM	1	0	19.55	19.69	19.55	21	1
3	16QAM	1	8	19.46	19.34	19.36		
3	16QAM	1	14	19.55	19.47	19.57		
3	16QAM	8	0	18.77	18.76	18.51	20	2
3	16QAM	8	4	18.63	18.44	18.50		
3	16QAM	8	7	18.48	18.54	18.49		
3	16QAM	15	0	18.60	18.59	18.61		
3	64QAM	1	0	18.98	18.88	18.94	20	2
3	64QAM	1	8	18.81	18.54	18.74		
3	64QAM	1	14	18.83	18.72	18.74		
3	64QAM	8	0	17.64	17.66	17.64	19	3
3	64QAM	8	4	17.34	17.50	17.52		
3	64QAM	8	7	17.74	17.70	17.66		
3	64QAM	15	0	17.69	17.68	17.63		
3	256QAM	1	0	16.11	16.07	16.04	17	5
3	256QAM	1	8	16.14	16.01	15.93		
3	256QAM	1	14	16.07	16.15	16.14		
3	256QAM	8	0	16.29	16.04	16.34	17	5
3	256QAM	8	4	16.01	15.80	15.92		
3	256QAM	8	7	15.78	15.64	15.62		
3	256QAM	15	0	15.91	15.89	15.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.98	20.91	20.91	22	0
1.4	QPSK	1	3	20.55	20.74	20.72		
1.4	QPSK	1	5	20.52	20.57	20.61		
1.4	QPSK	3	0	20.84	20.96	20.93		
1.4	QPSK	3	1	20.59	20.67	20.81		
1.4	QPSK	3	3	20.64	20.63	20.65		
1.4	QPSK	6	0	19.66	19.88	19.69	21	1
1.4	16QAM	1	0	19.64	19.98	19.64	21	1
1.4	16QAM	1	3	19.59	19.57	19.82		
1.4	16QAM	1	5	19.61	19.68	19.51		
1.4	16QAM	3	0	19.43	19.55	19.48		
1.4	16QAM	3	1	19.41	19.45	19.42		
1.4	16QAM	3	3	19.63	19.47	19.55		
1.4	16QAM	6	0	18.65	18.70	18.59	20	2
1.4	64QAM	1	0	18.62	18.37	18.52	20	2
1.4	64QAM	1	3	18.40	18.60	18.48		
1.4	64QAM	1	5	18.44	18.47	18.51		
1.4	64QAM	3	0	18.65	18.24	18.38		
1.4	64QAM	3	1	18.35	18.46	18.45		
1.4	64QAM	3	3	18.55	18.53	18.68		
1.4	64QAM	6	0	17.47	17.62	17.62	19	3
1.4	256QAM	1	0	16.16	16.03	15.90	17	5
1.4	256QAM	1	3	16.09	15.88	15.96		
1.4	256QAM	1	5	16.09	15.94	15.95		
1.4	256QAM	3	0	16.19	16.19	16.09		
1.4	256QAM	3	1	16.04	16.14	15.87		
1.4	256QAM	3	3	16.07	16.27	16.29		
1.4	256QAM	6	0	16.10	15.85	16.37	17	5

Band 26 for FCC Ant 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				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.69	22.60	24	0
15	QPSK	1	37	22.63	22.67	22.68		
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55	23	1
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.55	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	1
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	2
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	2
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	3
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47	24	0
10	QPSK	1	25	22.60	22.59	22.66		
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38	23	1
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	1
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	2
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	2
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	3
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	5
10	256QAM	1	25	17.46	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.51	22.51	24	0
5	QPSK	1	12	22.46	22.52	22.50		
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49	23	1
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.48	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	1
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	2
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	2
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	3
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.44	22.63	22.50	24	0
3	QPSK	1	8	22.57	22.48	22.49		
3	QPSK	1	14	22.42	22.48	22.35		
3	QPSK	8	0	21.56	21.54	21.36	23	1
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.58	23	1
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	2
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	2
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	3
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.36	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.56	22.44	24	0
1.4	QPSK	1	3	22.53	22.55	22.57		
1.4	QPSK	1	5	22.48	22.55	22.50		
1.4	QPSK	3	0	22.57	22.59	22.50		
1.4	QPSK	3	1	22.60	22.63	22.54		
1.4	QPSK	3	3	22.51	22.45	22.52		
1.4	QPSK	6	0	21.59	21.65	21.53	23	1
1.4	16QAM	1	0	21.43	21.57	21.53	23	1
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	2
1.4	64QAM	1	0	20.34	20.49	20.37	22	2
1.4	64QAM	1	3	20.33	20.53	20.28		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	3
1.4	256QAM	1	0	17.54	17.55	17.61	19	5
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	5

Band 26 for FCC Ant 4 Default sig path: 320

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.90		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	21.01		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.78	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	5

Band 66 Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.72	21.88	21.85		
20	QPSK	1	49	21.75	21.81	21.70	23	0
20	QPSK	1	99	21.81	21.86	21.86		
20	QPSK	50	0	20.78	20.81	20.71		
20	QPSK	50	24	20.60	20.66	20.61	22	1
20	QPSK	50	50	20.71	20.78	20.57		
20	QPSK	100	0	20.58	20.67	20.65		
20	16QAM	1	0	20.78	20.61	20.63		
20	16QAM	1	49	20.70	20.65	20.75	22	1
20	16QAM	1	99	20.70	20.76	20.68		
20	16QAM	50	0	19.79	19.56	19.72		
20	16QAM	50	24	19.63	19.58	19.66	21	2
20	16QAM	50	50	19.54	19.71	19.51		
20	16QAM	100	0	19.56	19.60	19.53		
20	64QAM	1	0	19.56	19.60	19.51		
20	64QAM	1	49	19.55	19.57	19.51	21	2
20	64QAM	1	99	19.61	19.50	19.73		
20	64QAM	50	0	18.88	18.74	18.77		
20	64QAM	50	24	18.58	18.54	18.75	20	3
20	64QAM	50	50	18.62	18.85	18.73		
20	64QAM	100	0	18.67	18.65	18.83		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53		
20	256QAM	50	24	16.56	16.72	16.64	18	5
20	256QAM	50	50	16.50	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.67	21.68	21.69		
15	QPSK	1	37	21.56	21.63	21.56	23	0
15	QPSK	1	74	21.76	21.70	21.78		
15	QPSK	36	0	20.87	20.81	20.70		
15	QPSK	36	20	20.43	20.51	20.44	22	1
15	QPSK	36	39	20.69	20.66	20.48		
15	QPSK	75	0	20.46	20.50	20.54		
15	16QAM	1	0	20.68	20.45	20.46		
15	16QAM	1	37	20.58	20.49	20.66	22	1
15	16QAM	1	74	20.57	20.73	20.62		
15	16QAM	36	0	19.72	19.49	19.71		
15	16QAM	36	20	19.47	19.39	19.53	21	2
15	16QAM	36	39	19.53	19.64	19.39		
15	16QAM	75	0	19.39	19.44	19.49		
15	64QAM	1	0	19.51	19.51	19.44		
15	64QAM	1	37	19.40	19.55	19.46	21	2
15	64QAM	1	74	19.53	19.43	19.58		
15	64QAM	36	0	18.77	18.73	18.59		
15	64QAM	36	20	18.38	18.46	18.57	20	3
15	64QAM	36	39	18.59	18.51	18.64		
15	64QAM	75	0	18.62	18.59	18.83		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.82	16.66	18	5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	5
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.56	21.80	21.84		
10	QPSK	1	25	21.64	21.68	21.58	23	0
10	QPSK	1	49	21.65	21.67	21.72		
10	QPSK	25	0	20.77	20.78	20.60		
10	QPSK	25	12	20.54	20.58	20.57	22	1
10	QPSK	25	25	20.56	20.78	20.52		
10	QPSK	50	0	20.57	20.60	20.47		
10	16QAM	1	0	20.72	20.56	20.59		
10	16QAM	1	25	20.62	20.59	20.72	22	1
10	16QAM	1	49	20.57	20.59	20.56		
10	16QAM	25	0	19.72	19.38	19.63		
10	16QAM	25	12	19.62	19.57	19.48	21	2
10	16QAM	25	25	19.36	19.55	19.50		
10	16QAM	50	0	19.38	19.43	19.45		
10	64QAM	1	0	19.40	19.48	19.47		
10	64QAM	1	25	19.43	19.49	19.44	21	2
10	64QAM	1	49	19.47	19.37	19.70		
10	64QAM	25	0	18.82	18.72	18.58		
10	64QAM	25	12	18.53	18.52	18.75	20	3
10	64QAM	25	25	18.57	18.46	18.65		
10	64QAM	50	0	18.61	18.58	18.71		
10	256QAM	1	0	16.52	16.79	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.67	21.78	21.65		
5	QPSK	1	12	21.68	21.75	21.59	23	0
5	QPSK	1	24	21.76	21.72	21.84		
5	QPSK	12	0	20.77	20.77	20.56		
5	QPSK	12	7	20.53	20.49	20.60	22	1
5	QPSK	12	13	20.61	20.63	20.56		
5	QPSK	25	0	20.49	20.54	20.49		
5	16QAM	1	0	20.74	20.61	20.46		
5	16QAM	1	12	20.67	20.53	20.64	22	1
5	16QAM	1	24	20.70	20.69	20.64		
5	16QAM	12	0	19.75	19.44	19.67		
5	16QAM	12	7	19.47	19.40	19.49	21	2
5	16QAM	12	13	19.49	19.70	19.35		
5	16QAM	25	0	19.46	19.46	19.45		
5	64QAM	1	0	19.51	19.48	19.32		
5	64QAM	1	12	19.52	19.47	19.37	21	2
5	64QAM	1	24	19.44	19.47	19.66		
5	64QAM	12	0	18.74	18.54	18.71		
5	64QAM	12	7	18.53	18.39	18.60	20	3
5	64QAM	12	13	18.51	18.61	18.55		
5	64QAM	25	0	18.58	18.47	18.71		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.68	21.79	21.81		
3	QPSK	1	8	21.62	21.62	21.56	23	0
3	QPSK	1	14	21.74	21.80	21.69		
3	QPSK	8	0	20.76	20.77	20.51		
3	QPSK	8	4	20.47	20.56	20.60	22	1
3	QPSK	8	7	20.51	20.65	20.45		
3	QPSK	15	0	20.48	20.58	20.64		
3	16QAM	1	0	20.77	20.43	20.56		
3	16QAM	1	8	20.52	20.49	20.67	22	1
3	16QAM	1	14	20.53	20.63	20.56		
3	16QAM	8	0	19.73	19.44	19.57		
3	16QAM	8	4	19.60	19.48	19.56	21	2
3	16QAM	8	7	19.50	19.61	19.50		
3	16QAM	15	0	19.55	19.49	19.34		
3	64QAM	1	0	19.38	19.43	19.48		
3	64QAM	1	8	19.39	19.39	19.35	21	2
3	64QAM	1	14	19.47	19.38	19.66		
3	64QAM	8	0	18.85	18.67	18.75		
3	64QAM	8	4	18.58	18.49	18.67	20	3
3	64QAM	8	7	18.42	18.61	18.57		
3	64QAM	15	0	18.66	18.55	18.82		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.58	21.75	21.76		
1.4	QPSK	1	3	21.72	21.75	21.63		
1.4	QPSK	1	5	21.64	21.67	21.80	23	0
1.4	QPSK	3	0	21.67	21.80	21.72		
1.4	QPSK	3	1	21.67	21.68	21.60		
1.4	QPSK	3	3	21.80	21.82	21.77		
1.4	QPSK	6	0	20.66	20.67	20.53	22	1
1.4	16QAM	1	0	20.56	20.64	20.50		
1.4	16QAM	1	3	20.59	20.64	20.47		
1.4	16QAM	1	5	20.46	20.57	20.59	22	1
1.4	16QAM	3	0	20.66	20.58	20.48		
1.4	16QAM	3	1	20.63	20.54	20.67		
1.4	16QAM	3	3	20.57	20.73	20.55		
1.4	16QAM	6	0	19.78	19.37	19.62	21	2
1.4	64QAM	1	0	19.53	19.42	19.59		
1.4	64QAM	1	3	19.40	19.68	19.35		
1.4	64QAM	1	5	19.41	19.42	19.40	21	2
1.4	64QAM	3	0	19.38	19.48	19.47		
1.4	64QAM	3	1	19.40	19.40	19.34		
1.4	64QAM	3	3	19.57	19.33	19.62		
1.4	64QAM	6	0	18.73	18.72	18.71	20	3
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	5

Band 66 Ant 4 Default sig path: : 354

BW [MHz]	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	21.48	21.53	21.51		
20	QPSK	1	49	21.44	21.46	21.37	23	0
20	QPSK	1	99	21.48	21.51	21.49		
20	QPSK	50	0	20.46	20.52	20.47		
20	QPSK	50	24	20.24	20.42	20.38	22	1
20	QPSK	50	50	20.39	20.41	20.31		
20	QPSK	100	0	20.41	20.45	20.42		
20	16QAM	1	0	20.42	20.33	20.30		
20	16QAM	1	49	20.35	20.38	20.50	22	1
20	16QAM	1	99	20.33	20.52	20.41		
20	16QAM	50	0	19.49	19.28	19.39		
20	16QAM	50	24	19.33	19.22	19.43	21	2
20	16QAM	50	50	19.23	19.45	19.20		
20	16QAM	100	0	19.33	19.22	19.21		
20	64QAM	1	0	19.21	19.27	19.20		
20	64QAM	1	49	19.31	19.21	19.18	21	2
20	64QAM	1	99	19.27	19.17	19.41		
20	64QAM	50	0	18.53	18.50	18.44		
20	64QAM	50	24	18.35	18.22	18.39	20	3
20	64QAM	50	50	18.39	18.40	18.41		
20	64QAM	100	0	18.42	18.32	18.58		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.32	21.49	21.42		
15	QPSK	1	37	21.27	21.34	21.32	23	0
15	QPSK	1	74	21.36	21.44	21.39		
15	QPSK	36	0	20.30	20.35	20.30		
15	QPSK	36	20	20.10	20.26	20.35	22	1
15	QPSK	36	39	20.30	20.30	20.14		
15	QPSK	75	0	20.25	20.40	20.32		
15	16QAM	1	0	20.28	20.18	20.21		
15	16QAM	1	37	20.30	20.22	20.35	22	1
15	16QAM	1	74	20.19	20.42	20.36		
15	16QAM	36	0	19.33	19.21	19.22		
15	16QAM	36	20	19.30	19.15	19.37	21	2
15	16QAM	36	39	19.10	19.29	19.13		
15	16QAM	75	0	19.24	19.10	19.03		
15	64QAM	1	0	19.08	19.21	19.15		
15	64QAM	1	37	19.16	19.15	19.10	21	2
15	64QAM	1	74	19.25	19.06	19.23		
15	64QAM	36	0	18.47	18.36	18.37		
15	64QAM	36	20	18.25	18.10	18.28	20	3
15	64QAM	36	39	18.33	18.25	18.32		
15	64QAM	75	0	18.38	18.24	18.53		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	5
15	256QAM	36	39	16.16	16.14	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.35	21.44	21.35		
10	QPSK	1	25	21.34	21.36	21.32	23	0
10	QPSK	1	49	21.40	21.45	21.31		
10	QPSK	25	0	20.31	20.34	20.32		
10	QPSK	25	12	20.16	20.31	20.25	22	1
10	QPSK	25	25	20.21	20.24	20.16		
10	QPSK	50	0	20.30	20.31	20.31		
10	16QAM	1	0	20.29	20.29	20.26		
10	16QAM	1	25	20.22	20.35	20.46	22	1
10	16QAM	1	49	20.19	20.48	20.27		
10	16QAM	25	0	19.40	19.14	19.35		
10	16QAM	25	12	19.30	19.17	19.33	21	2
10	16QAM	25	25	19.13	19.41	19.13		
10	16QAM	50	0	19.29	19.18	19.19		
10	64QAM	1	0	19.16	19.20	19.17		
10	64QAM	1	25	19.19	19.09	19.09	21	2
10	64QAM	1	49	19.20	19.10	19.35		
10	64QAM	25	0	18.49	18.41	18.30		
10	64QAM	25	12	18.18	18.13	18.30	20	3
10	64QAM	25	25	18.31	18.31	18.23		
10	64QAM	50	0	18.29	18.25	18.46		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25	16.32	16.56	16.47	18	5
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12		
10	256QAM	25	12	16.24	16.34	16.26	18	5
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.28	16.25	16.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.37	21.48	21.35		
5	QPSK	1	12	21.39	21.36	21.23	23	0
5	QPSK	1	24	21.33	21.41	21.33		
5	QPSK	12	0	20.44	20.49	20.34		
5	QPSK	12	7	20.22	20.26	20.21	22	1
5	QPSK	12	13	20.36	20.27	20.23		
5	QPSK	25	0	20.29	20.34	20.25		
5	16QAM	1	0	20.25	20.27	20.16		
5	16QAM	1	12	20.31	20.29	20.46	22	1
5	16QAM	1	24	20.27	20.47	20.31		
5	16QAM	12	0	19.40	19.16	19.24		
5	16QAM	12	7	19.20	19.11	19.27	21	2
5	16QAM	12	13	19.19	19.30	19.09		
5	16QAM	25	0	19.21	19.11	19.06		
5	64QAM	1	0	19.04	19.13	19.05		
5	64QAM	1	12	19.13	19.10	19.12	21	2
5	64QAM	1	24	19.18	19.14	19.28		
5	64QAM	12	0	18.37	18.36	18.39		
5	64QAM	12	7	18.29	18.12	18.32	20	3
5	64QAM	12	13	18.34	18.23	18.36		
5	64QAM	25	0	18.28	18.22	18.54		
5	256QAM	1	0	16.16	16.52	16.11		
5	256QAM	1	12	16.28	16.45	16.45	18	5
5	256QAM	1	24	16.35	16.23	16.31		
5	256QAM	12	0	16.00	16.33	16.12		
5	256QAM	12	7	16.18	16.35	16.27	18	5
5	256QAM	12	13	16.08	16.05	16.03		
5	256QAM	25	0	16.20	16.25	16.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.45	21.44	21.44		
3	QPSK	1	8	21.40	21.38	21.21	23	0
3	QPSK	1	14	21.43	21.38	21.35		
3	QPSK	8	0	20.37	20.37	20.30		
3	QPSK	8	4	20.07	20.28	20.36	22	1
3	QPSK	8	7	20.29	20.31	20.16		
3	QPSK	15	0	20.35	20.32	20.26		
3	16QAM	1	0	20.30	20.24	20.15		
3	16QAM	1	8	20.26	20.22	20.35	22	1
3	16QAM	1	14	20.30	20.42	20.35		
3	16QAM	8	0	19.31	19.14	19.37		
3	16QAM	8	4	19.25	19.06	19.31	21	2
3	16QAM	8	7	19.17	19.38	19.13		
3	16QAM	15	0	19.31	19.19	19.07		
3	64QAM	1	0	19.06	19.09	19.18		
3	64QAM	1	8	19.15	19.13	19.06	21	2
3	64QAM	1	14	19.24	19.05	19.31		
3	64QAM	8	0	18.45	18.42	18.28		
3	64QAM	8	4	18.25	18.13	18.32	20	3
3	64QAM	8	7	18.28	18.23	18.26		
3	64QAM	15	0	18.24	18.20	18.33		
3	256QAM	1	0	16.12	16.54	16.16		
3	256QAM	1	8	16.27	16.43	16.47	18	5
3	256QAM	1	14	16.38	16.21	16.29		
3	256QAM	8	0	16.13	16.34	16.15		
3	256QAM	8	4	16.21	16.23	16.25	18	5
3	256QAM	8	7	16.18	16.09	16.11		
3	256QAM	15	0	16.23	16.14	16.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.33	21.42	21.45		
1.4	QPSK	1	3	21.40	21.43	21.32		
1.4	QPSK	1	5	21.40	21.39	21.44	23	0
1.4	QPSK	3	0	21.35	21.45	21.35		
1.4	QPSK	3	1	21.32	21.41	21.22		
1.4	QPSK	3	3	21.41	21.39	21.44		
1.4	QPSK	6	0	20.40	20.37	20.25	22	1
1.4	16QAM	1	0	20.19	20.27	20.27		
1.4	16QAM	1	3	20.28	20.35	20.11		
1.4	16QAM	1	5	20.20	20.28	20.33	22	1
1.4	16QAM	3	0	20.33	20.24	20.17		
1.4	16QAM	3	1	20.40	20.32	20.44		
1.4	16QAM	3	3	20.29	20.44	20.25		
1.4	16QAM	6	0	19.52	19.04	19.38	21	2
1.4	64QAM	1	0	19.28	19.13	19.29		
1.4	64QAM	1	3	19.06	19.34	19.07		
1.4	64QAM	1	5	19.03	19.12	19.10	21	2
1.4	64QAM	3	0	19.05	19.26	19.25		
1.4	64QAM	3	1	19.07	19.04	19.08		
1.4	64QAM	3	3	19.27	19.01	19.38		
1.4	64QAM	6	0	18.47	18.48	18.35	20	3
1.4	256QAM	1	0	16.27	16.30	16.19		
1.4	256QAM	1	3	16.30	16.50	16.55		
1.4	256QAM	1	5	16.38	16.36	16.42	18	5
1.4	256QAM	3	0	16.19	16.31	16.05		
1.4	256QAM	3	1	16.06	16.28	16.32		
1.4	256QAM	3	3	16.12	16.11	16.02		
1.4	256QAM	6	0	16.20	16.20	16.02	18	5

Band 71 Ant 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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.62	21.68	21.68		
20	16QAM	50	0	20.70	20.69	20.66		
20	16QAM	50	24	20.54	20.53	20.51	22	2
20	16QAM	50	50	20.43	20.55	20.47		
20	16QAM	100	0	20.56	20.59	20.57		
20	64QAM	1

Band 48_FCC Ant 5 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	22.93	22.98	22.81	22.90	24	0
20	QPSK	1	49	22.80	22.93	22.84	22.75		
20	QPSK	1	99	22.80	22.93	22.84	22.75		
20	QPSK	50	0	21.93	21.97	21.84	21.87	23	1
20	QPSK	50	24	21.78	21.93	21.88	21.86		
20	QPSK	50	50	21.92	21.96	21.83	21.87		
20	QPSK	100	0	21.71	21.95	21.72	21.78		
20	16QAM	1	0	21.62	21.75	21.77	21.65	23	1
20	16QAM	1	49	21.59	21.75	21.68	21.53		
20	16QAM	1	99	21.59	21.67	21.61	21.65		
20	16QAM	50	0	20.90	20.93	20.84	20.80	22	2
20	16QAM	50	24	20.83	20.94	20.97	20.89		
20	16QAM	50	50	20.74	20.81	20.78	20.74		
20	16QAM	100	0	20.72	20.91	20.82	20.87		
20	64QAM	1	0	20.66	20.59	20.63	20.52	22	2
20	64QAM	1	49	20.54	20.58	20.49	20.45		
20	64QAM	1	99	20.47	20.55	20.45	20.51		
20	64QAM	50	0	19.64	19.83	19.78	19.67	21	3
20	64QAM	50	24	19.51	19.65	19.58	19.57		
20	64QAM	50	50	19.62	19.66	19.56	19.60		
20	64QAM	100	0	19.63	19.76	19.66	19.63		
20	256QAM	1	0	17.67	17.76	17.56	17.69	19	5
20	256QAM	1	49	17.55	17.77	17.65	17.66		
20	256QAM	1	99	17.48	17.69	17.64	17.53		
20	256QAM	50	0	17.75	17.76	17.68	17.68	19	5
20	256QAM	50	24	17.73	17.82	17.68	17.64		
20	256QAM	50	50	17.57	17.66	17.51	17.48		
20	256QAM	100	0	17.77	17.82	17.69	17.70		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
15	QPSK	1	37	22.68	22.79	22.74	22.61		
15	QPSK	1	74	22.75	22.86	22.75	22.66		
15	QPSK	36	0	21.81	21.86	21.74	21.76	23	1
15	QPSK	36	20	21.72	21.85	21.78	21.78		
15	QPSK	36	39	21.80	21.84	21.76	21.83		
15	QPSK	75	0	21.67	21.84	21.65	21.66		
15	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
15	16QAM	1	37	21.49	21.67	21.62	21.41		
15	16QAM	1	74	21.47	21.52	21.47	21.49		
15	16QAM	36	0	20.83	20.81	20.69	20.67	22	2
15	16QAM	36	20	20.72	20.82	20.84	20.84		
15	16QAM	36	39	20.67	20.73	20.67	20.68		
15	16QAM	75	0	20.57	20.78	20.67	20.79		
15	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
15	64QAM	1	37	20.46	20.52	20.42	20.38		
15	64QAM	1	74	20.41	20.41	20.29	20.42		
15	64QAM	36	0	19.56	19.75	19.63	19.52	21	3
15	64QAM	36	20	19.40	19.51	19.50	19.48		
15	64QAM	36	39	19.48	19.53	19.40	19.52		
15	64QAM	75	0	19.53	19.63	19.54	19.48		
15	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
15	256QAM	1	37	17.45	17.64	17.56	17.53		
15	256QAM	1	74	17.42	17.62	17.50	17.41		
15	256QAM	36	0	17.64	17.63	17.61	17.57	19	5
15	256QAM	36	20	17.62	17.70	17.57	17.58		
15	256QAM	36	39	17.45	17.55	17.37	17.35		
15	256QAM	75	0	17.68	17.74	17.56	17.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
10	QPSK	1	25	22.68	22.79	22.74	22.61		
10	QPSK	1	49	22.75	22.86	22.75	22.66		
10	QPSK	25	0	21.81	21.86	21.74	21.76	23	1
10	QPSK	25	12	21.72	21.85	21.78	21.78		
10	QPSK	25	25	21.80	21.84	21.76	21.83		
10	QPSK	50	0	21.67	21.84	21.65	21.66		
10	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
10	16QAM	1	25	21.49	21.67	21.62	21.41		
10	16QAM	1	49	21.47	21.52	21.47	21.49		
10	16QAM	25	0	20.83	20.81	20.69	20.67	22	2
10	16QAM	25	12	20.72	20.82	20.84	20.84		
10	16QAM	25	25	20.67	20.73	20.67	20.68		
10	16QAM	50	0	20.57	20.78	20.67	20.79		
10	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
10	64QAM	1	25	20.46	20.52	20.42	20.38		
10	64QAM	1	49	20.41	20.41	20.29	20.42		
10	64QAM	25	0	19.56	19.75	19.63	19.52	21	3
10	64QAM	25	12	19.40	19.51	19.50	19.48		
10	64QAM	25	25	19.48	19.53	19.40	19.52		
10	64QAM	50	0	19.53	19.63	19.54	19.48		
10	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
10	256QAM	1	25	17.45	17.64	17.56	17.53		
10	256QAM	1	49	17.42	17.62	17.50	17.41		
10	256QAM	25	0	17.64	17.63	17.61	17.57	19	5
10	256QAM	25	12	17.62	17.70	17.57	17.58		
10	256QAM	25	25	17.45	17.55	17.37	17.35		
10	256QAM	50	0	17.68	17.74	17.56	17.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
5	QPSK	1	12	22.68	22.79	22.74	22.61		
5	QPSK	1	24	22.75	22.86	22.75	22.66		
5	QPSK	12	0	21.81	21.86	21.74	21.76	23	1
5	QPSK	12	7	21.72	21.85	21.78	21.78		
5	QPSK	12	13	21.80	21.84	21.76	21.83		
5	QPSK	25	0	21.67	21.84	21.65	21.66		
5	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
5	16QAM	1	12	21.49	21.67	21.62	21.41		
5	16QAM	1	24	21.47	21.52	21.47	21.49		
5	16QAM	12	0	20.83	20.81	20.69	20.67	22	2
5	16QAM	12	7	20.72	20.82	20.84	20.84		
5	16QAM	12	13	20.67	20.73	20.67	20.68		
5	16QAM	25	0	20.57	20.78	20.67	20.79		
5	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
5	64QAM	1	12	20.46	20.52	20.42	20.38		
5	64QAM	1	24	20.41	20.41	20.29	20.42		
5	64QAM	12	0	19.56	19.75	19.63	19.52	21	3
5	64QAM	12	7	19.40	19.51	19.50	19.48		
5	64QAM	12	13	19.48	19.53	19.40	19.52		
5	64QAM	25	0	19.53	19.63	19.54	19.48		
5	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
5	256QAM	1	12	17.45	17.64	17.56	17.53		
5	256QAM	1	24	17.42	17.62	17.50	17.41		
5	256QAM	12	0	17.64	17.63	17.61	17.57	19	5
5	256QAM	12	7	17.62	17.70	17.57	17.58		
5	256QAM	12	13	17.45	17.55	17.37	17.35		
5	256QAM	25	0	17.68	17.74	17.56	17.58		

Reduced Power Mode for Main PA DSI2 Standalone

GSM850 Ant 0 DSI2

GSM850 Ant 0	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	32.60	32.66	32.48	33.50	23.60	23.66	23.48	24.50
GPRS 1 Tx slot	32.69	32.71	32.55	33.50	23.69	23.71	23.55	24.50
GPRS 2 Tx slots	31.07	31.10	30.95	32.00	25.07	25.10	24.95	26.00
GPRS 3 Tx slots	28.87	28.92	28.81	30.00	24.81	24.88	24.55	25.74
GPRS 4 Tx slots	26.91	26.96	26.73	28.00	23.91	23.96	23.73	25.00
EDGE 1 Tx slot	26.62	26.45	26.66	28.00	17.62	17.45	17.66	19.00
EDGE 2 Tx slots	24.65	24.65	24.50	26.00	18.65	18.65	18.55	20.00
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74
EDGE 4 Tx slots	20.55	20.67	20.58	22.00	17.55	17.67	17.56	19.00

GSM1900 Ant 0 DSI2

GSM1900 Ant 0	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	29.71	29.76	29.82	31.00	20.71	20.76	20.82	22.00
GPRS 1 Tx slot	29.48	29.88	29.90	31.00	20.48	20.88	20.90	22.00
GPRS 2 Tx slots	28.22	28.42	28.11	29.00	22.22	22.42	22.11	23.00
GPRS 3 Tx slots	25.82	25.88	25.71	27.00	21.56	21.62	21.45	22.74
GPRS 4 Tx slots	23.74	23.95	23.93	25.00	20.74	20.95	20.93	22.00
EDGE 1 Tx slot	25.88	26.01	25.97	27.00	16.88	17.01	16.97	18.00
EDGE 2 Tx slots	23.77	24.11	24.02	25.00	17.77	18.11	18.02	19.00
EDGE 3 Tx slots	21.75	22.03	22.09	23.00	17.49	17.77	17.83	18.74
EDGE 4 Tx slots	19.88	19.95	19.62	21.00	16.88	16.95	16.62	18.00

		WCDMA II Ant 0 DSI2				WCDMA IV Ant 0 DSI2				WCDMA V Ant 0 DSI2				
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)	
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	22.94	22.97	22.92	24.00	22.75	22.81	22.66	24.00	22.91	22.95	22.94	24.00	
3GPP Rel 99	RMC 12.2Kbps	22.99	23.01	22.96	24.00	22.77	22.85	22.70	24.00	22.96	23.00	22.98	24.00	
3GPP Rel 6	HSDPA Subtest-1	21.96	22.05	21.98	23.00	21.77	21.81	21.94	23.00	21.83	21.96	21.97	23.00	
3GPP Rel 6	HSDPA Subtest-2	21.92	22.02	21.94	23.00	21.76	21.83	21.78	23.00	21.81	21.96	21.90	23.00	
3GPP Rel 6	HSDPA Subtest-3	21.49	21.56	21.43	22.50	21.25	21.32	21.17	22.50	21.35	21.38	21.25	22.50	
3GPP Rel 6	HSDPA Subtest-4	21.43	21.51	21.40	22.50	21.29	21.30	21.23	22.50	21.38	21.38	21.37	22.50	
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	21.99	21.91	23.00	21.65	21.81	21.70	23.00	21.78	21.97	21.75	23.00	
3GPP Rel 8	DC-HSDPA Subtest-2	21.81	21.94	21.85	23.00	21.55	21.78	21.61	23.00	21.69	21.85	21.71	23.00	
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.52	21.45	22.50	21.19	21.37	21.24	22.50	21.29	21.47	21.38	22.50	
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.47	21.42	22.50	21.23	21.22	21.20	22.50	21.28	21.29	21.27	22.50	
3GPP Rel 6	HSUPA Subtest-1	21.92	21.98	21.83	23.00	21.69	21.80	21.66	23.00	21.77	21.92	21.79	23.00	
3GPP Rel 6	HSUPA Subtest-2	19.85	19.92	19.83	21.00	19.61	19.76	19.57	21.00	19.69	19.82	19.61	21.00	
3GPP Rel 6	HSUPA Subtest-3	20.96	21.06	20.97	22.00	20.81	20.89	20.77	22.00	20.96	20.98	20.85	22.00	
3GPP Rel 6	HSUPA Subtest-4	19.93	20.03	19.95	21.00	19.75	19.88	19.78	21.00	19.85	20.03	19.85	21.00	
3GPP Rel 6	HSUPA Subtest-5	21.81	21.91	21.85	23.00	21.66	21.75	21.66	23.00	21.78	21.88	21.80	23.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.35	19.44	19.29	20.50	19.19	19.29	19.10	20.50	19.33	19.39	19.14	20.50	

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.80	22.73		
20	QPSK	1	49	22.56	22.53	22.59	24	0
20	QPSK	50	0	22.58	22.61	22.51		
20	QPSK	50	0	21.53	21.60	21.59		
20	QPSK	50	24	21.38	21.40	21.44	23	1
20	QPSK	50	50	21.50	21.51	21.53		
20	QPSK	100	0	21.48	21.49	21.44		
20	16QAM	1	0	21.70	21.63	21.71		
20	16QAM	1	49	21.67	21.60	21.55	23	1
20	16QAM	1	99	21.43	21.51	21.49		
20	16QAM	50	0	20.27	20.35	20.37		
20	16QAM	50	24	20.31	20.35	20.42	22	2
20	16QAM	50	50	20.36	20.33	20.34		
20	16QAM	100	0	20.34	20.43	20.35		
20	64QAM	1	0	20.69	20.62	20.61		
20	64QAM	1	49	20.52	20.56	20.50	22	2
20	64QAM	1	99	20.43	20.53	20.53		
20	64QAM	50	0	19.44	19.50	19.50		
20	64QAM	50	24	19.59	19.57	19.59	21	3
20	64QAM	50	50	19.43	19.39	19.30		
20	64QAM	100	0	19.51	19.55	19.48		
20	256QAM	1	0	17.56	17.55	17.61		
20	256QAM	1	49	17.53	17.46	17.39	19	5
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51		
20	256QAM	50	24	17.46	17.52	17.49	19	5
20	256QAM	50	50	17.40	17.40	17.55		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.61	22.61		
15	QPSK	1	37	22.49	22.45	22.59	24	0
15	QPSK	1	74	22.56	22.54	22.41		
15	QPSK	36	0	21.39	21.60	21.42		
15	QPSK	36	20	21.36	21.21	21.40	23	1
15	QPSK	36	39	21.49	21.32	21.37		
15	QPSK	75	0	21.43	21.41	21.36		
15	16QAM	1	0	21.70	21.60	21.42		
15	16QAM	1	37	21.54	21.55	21.51	23	1
15	16QAM	1	74	21.45	21.46	21.36		
15	16QAM	36	0	20.17	20.33	20.20		
15	16QAM	36	20	20.21	20.26	20.25	22	2
15	16QAM	36	39	20.34	20.22	20.19		
15	16QAM	75	0	20.14	20.26	20.32		
15	64QAM	1	0	20.59	20.53	20.59		
15	64QAM	1	37	20.40	20.54	20.39	22	2
15	64QAM	1	74	20.36	20.34	20.47		
15	64QAM	36	0	19.29	19.44	19.37		
15	64QAM	36	20	19.56	19.51	19.55	21	3
15	64QAM	36	39	19.37	19.35	19.14		
15	64QAM	75	0	19.40	19.41	19.33		
15	256QAM	1	0	17.49	17.41	17.46		
15	256QAM	1	37	17.43	17.39	17.41	19	5
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48		
15	256QAM	36	20	17.44	17.46	17.48	19	5
15	256QAM	36	39	17.36	17.36	17.36		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.72	22.54		
10	QPSK	1	25	22.55	22.38	22.57	24	0
10	QPSK	1	49	22.54	22.41	22.42		
10	QPSK	25	0	21.36	21.51	21.40		
10	QPSK	25	12	21.26	21.34	21.32	23	1
10	QPSK	25	25	21.37	21.43	21.34		
10	QPSK	50	0	21.45	21.32	21.27		
10	16QAM	1	0	21.58	21.62	21.67		
10	16QAM	1	25	21.65	21.52	21.47	23	1
10	16QAM	1	49	21.35	21.90	21.45		
10	16QAM	25	0	20.21	20.31	20.27		
10	16QAM	25	12	20.25	20.23	20.24	22	2
10	16QAM	25	25	20.33	20.30	20.33		
10	16QAM	50	0	20.25	20.27	20.26		
10	64QAM	1	0	20.53	20.49	20.54		
10	64QAM	1	25	20.41	20.50	20.33	22	2
10	64QAM	1	49	20.30	20.42	20.45		
10	64QAM	25	0	19.31	19.48	19.35		
10	64QAM	25	12	19.43	19.53	19.45	21	3
10	64QAM	25	25	19.23	19.20	19.14		
10	64QAM	50	0	19.34	19.37	19.37		
10	256QAM	1	0	17.37	17.55	17.57		
10	256QAM	1	25	17.51	17.40	17.23	19	5
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42		
10	256QAM	25	12	17.38	17.38	17.37	19	5
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.74	22.68		
5	QPSK	1	12	22.56	22.36	22.44	24	0
5	QPSK	1	24	22.54	22.49	22.46		
5	QPSK	12	0	21.43	21.49	21.42		
5	QPSK	12	7	21.28	21.25	21.29	23	1
5	QPSK	12	13	21.45	21.50	21.51		
5	QPSK	25	0	21.35	21.33	21.33		
5	16QAM	1	0	21.50	21.49	21.53		
5	16QAM	1	12	21.58	21.51	21.42	23	1
5	16QAM	1	24	21.32	21.46	21.30		
5	16QAM	12	0	20.20	20.18	20.36		
5	16QAM	12	7	20.18	20.18	20.25	22	2
5	16QAM	12	13	20.22	20.20	20.31		
5	16QAM	25	0	20.24	20.24	20.26		
5	64QAM	1	0	20.62	20.48	20.58		
5	64QAM	1	12	20.50	20.46	20.33	22	2
5	64QAM	1	24	20.49	20.49	20.49		
5	64QAM	12	0	19.31	19.48	19.45		
5	64QAM	12	7	19.48	19.48	19.48	21	3
5	64QAM	12	13	19.37	19.32	19.22		
5	64QAM	25	0	19.39	19.40	19.38		
5	256QAM	1	0	17.43	17.55	17.43		
5	256QAM	1	12	17.41	17.43	17.28	19	5
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.42	17.42		
5	256QAM	12	7	17.40	17.45	17.49	19	5
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.75	22.55		
3	QPSK	1	8	22.47	22.44	22.57	24	0
3	QPSK	1	14	22.49	22.59	22.32		
3	QPSK	8	0	21.50	21.42	21.40		
3	QPSK	8	4	21.20	21.21	21.38	23	1
3	QPSK	8	7	21.30	21.47	21.45		
3	QPSK	15	0	21.44	21.48	21.42		
3	16QAM	1	0	21.65	21.65	21.65		
3	16QAM	1	8	21.62	21.59	21.43	23	1
3	16QAM	1	14	21.38	21.44	21.29		
3	16QAM	8	0	20.17	20.25	20.33		
3	16QAM	8	4	20.21	20.18	20.39	22	2
3	16QAM	8	7	20.17	20.21	20.29		
3	16QAM	15	0	20.21	20.29	20.30		
3	64QAM	1	0	20.57	20.44	20.46		
3	64QAM	1	8	20.34	20.44	20.43	22	2
3	64QAM	1	14	20.30	20.40	20.45		
3	64QAM	8	0	19.26	19.38	19.34		
3	64QAM	8	4	19.45	19.45	19.44	21	3
3	64QAM	8	7	19.39	19.37	19.25		
3	64QAM	15	0	19.47	19.55	19.41		
3	256QAM	1	0	17.50	17.50	17.43		
3	256QAM	1	8	17.42	17.36	17.19	19	5
3	256QAM	1	14	17.21	17.27	17.27		
3	256QAM	8	0	17.38	17.42	17.40		
3	256QAM	8	4	17.37	17.47	17.46	19	5
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.31	17.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.71	22.67		
1.4	QPSK	1	3	22.44	22.46	22.42		
1.4	QPSK	1	5	22.46	22.49	22.37	24	0
1.4	QPSK	3	0	22.61	22.64	22.65		
1.4	QPSK	3	1	22.55	22.47	22.59		
1.4	QPSK	3	3	22.51	22.53	22.34		
1.4	QPSK	6	0	21.34	21.42	21.50	23	1
1.4	16QAM	1	0	21.18	21.29	21.28		
1.4	16QAM	1	3	21.31	21.42	21.51		
1.4	16QAM	1	5	21.31	21.43	21.35	23	1
1.4	16QAM	3	0	21.67	21.49	21.54		
1.4	16QAM	3	1	21.61	21.43	21.39		
1.4	16QAM	3	3	21.30	21.36	21.32		
1.4	16QAM	6	0	20.12	20.26	20.18	22	2
1.4	64QAM	1	0	20.17	20.19	20.35		
1.4	64QAM	1	3	20.36	20.28	20.33		
1.4	64QAM	1	5	20.24	20.42	20.19	22	2
1.4	64QAM	3	0	20.62	20.53	20.47		
1.4	64QAM	3	1	20.37	20.49	20.49		
1.4	64QAM	3	3	20.38	20.33	20.33		
1.4	64QAM	6	0	19.48	19.49	19.55	21	3
1.4	256QAM	1	0	17.52	17.41	17.60		
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15	19	5
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.31	23.35	23.25		
20	QPSK	1	49	23.04	23.05	23.01	24	0
20	QPSK	50	0	23.13	23.10	23.02		
20	QPSK	50	0	22.00	22.33	22.02		
20	QPSK	50	24	22.24	22.14	22.05	23	1
20	QPSK	50	50	22.19	22.12	22.23		
20	QPSK	100	0	22.21	22.27	22.08		
20	16QAM	1	0	22.23	22.12	22.18		
20	16QAM	1	49	22.23	22.10	22.02	23	1
20	16QAM	1	99	22.02	21.99	22.00		
20	16QAM	50	0	20.79	20.74	20.92		
20	16QAM	50	24	20.81	20.83	20.93	22	2
20	16QAM	50	50	20.88	20.87	20.87		
20	16QAM	100	0	20.82	20.94	20.86		
20	64QAM	1	0	21.30	21.06	21.14		
20	64QAM	1	49	20.97	21.02	21.00	22	2
20	64QAM	1	99	20.96	21.01	20.98		
20	64QAM	50	0	19.95	19.89	19.96		
20	64QAM	50	24	20.16	20.04	20.02	21	3
20	64QAM	50	50	19.95	19.88	19.77		
20	64QAM	100	0	20.00	20.00	20.05		
20	256QAM	1	0	18.10	18.14	18.14		
20	256QAM	1	49	18.01	17.96	17.79	19	5
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02		
20	256QAM	50	24	17.90	17.95	17.95	19	5
20	256QAM	50	50	17.85	18.03	18.06		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.27	23.23	23.19		
15	QPSK	1	37	22.99	22.99	22.89	24	0
15	QPSK	1	74	23.04	23.04	22.88		
15	QPSK	36	0	21.93	22.19	21.96		
15	QPSK	36	20	22.15	22.02	21.98	23	1
15	QPSK	36	39	22.11	22.04	22.13		
15	QPSK	75	0	22.06	22.14	21.92		
15	16QAM	1	0	22.12	22.05	22.04		
15	16QAM	1	37	22.10	21.96	21.89	23	1
15	16QAM	1	74	21.98	22.03	21.94		
15	16QAM	36	0	20.64	20.59	20.84		
15	16QAM	36	20	20.65	20.69	20.81	22	2
15	16QAM	36	39	20.81	20.77	20.74		
15	16QAM	75	0	20.74	20.82	20.82		
15	64QAM	1	0	21.21	20.97	21.07		
15	64QAM	1	37	20.87	20.98	20.93	22	2
15	64QAM	1	74	20.83	20.86	20.86		
15	64QAM	36	0	19.86	19.80	19.89		
15	64QAM	36	20	20.08	19.99	19.92	21	3
15	64QAM	36	39	19.79	19.79	19.64		
15	64QAM	75	0	19.88	19.95	19.94		
15	256QAM	1	0	18.03	18.02	18.09		
15	256QAM	1	37	17.85	17.89	17.72	19	5
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94		
15	256QAM	36	20	17.84	17.88	17.90	19	5
15	256QAM	36	39	17.74	17.77	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.00	23.12		
10	QPSK	1	25	22.96	22.97	22.92	24	0
10	QPSK	1	49	22.98	23.03	22.87		
10	QPSK	25	0	21.89	22.24	21.90		
10	QPSK	25	12	22.17	22.07	22.00	23	1
10	QPSK	25	25	22.08	22.12	22.10		
10	QPSK	50	0	22.10	22.20	22.03		
10	16QAM	1	0	22.07	22.00	22.04		
10	16QAM	1	25	22.18	21.97	21.93	23	1
10	16QAM	1	49	21.90	21.84	21.90		
10	16QAM	25	0	20.69	20.69	20.78		
10	16QAM	25	12	20.77	20.74	20.88	22	2
10	16QAM	25	25	20.74	20.79	20.78		
10	16QAM	50	0	20.77	20.85	20.72		
10	64QAM	1	0	21.23	21.01	21.10		
10	64QAM	1	25	20.90	20.89	20.96	22	2
10	64QAM	1	49	20.89	20.89	20.87		
10	64QAM	25	0	19.88	19.84	19.94		
10	64QAM	25	12	20.04	19.89	19.87	21	3
10	64QAM	25	25	19.85	19.80	19.63		
10	64QAM	50	0	19.94	19.86	19.97		
10	256QAM	1	0	17.97	18.03	18.00		
10	256QAM	1	25	17.93	17.90	17.70	19	5
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87		
10	256QAM	25	12	17.80	17.85	17.87	19	5
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.43	23.30	23.15		
5	QPSK	1	12	22.96	22.94	22.93	24	0
5	QPSK	1	24	22.99	22.98	22.98		
5	QPSK	12	0	21.92	22.26	21.89		
5	QPSK	12	7	22.14	22.08	21.93	23	1
5	QPSK	12	13	22.07	22.00	22.09		
5	QPSK	25	0	22.12	22.17	22.03		
5	16QAM	1	0	22.11	22.04	22.11		
5	16QAM	1	12	22.08	21.99	22.00	23	1
5	16QAM	1	24	21.93	21.90	21.86		
5	16QAM	12	0	20.72	20.59	20.78		
5	16QAM	12	7	20.76	20.67	20.77	22	2
5	16QAM	12	13	20.77	20.80	20.81		
5	16QAM	25	0	20.78	20.82	20.80		
5	64QAM	1	0	21.25	21.02	21.04		
5	64QAM	1	12	20.85	20.87	20.92	22	2
5	64QAM	1	24	20.91	20.90	20.88		
5	64QAM	12	0	19.88	19.81	19.83		
5	64QAM	12	7	20.03	19.98	19.91	21	3
5	64QAM	12	13	19.90	19.73	19.61		
5	64QAM	25	0	19.88	19.93	19.98		
5	256QAM	1	0	18.03	18.08	18.04		
5	256QAM	1	12	17.86	17.87	17.75	19	5
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94		
5	256QAM	12	7	17.90	17.83	17.79	19	5
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.21	23.25	23.11		
3	QPSK	1	8	22.90	22.94	22.90	24	0
3	QPSK	1	14	23.02	23.04	22.91		
3	QPSK	8	0	21.90	22.25	21.86		
3	QPSK	8	4	22.15	22.09	21.95	23	1
3	QPSK	8	7	22.09	21.97	22.11		
3	QPSK	15	0	22.07	22.17	22.02		
3	16QAM	1	0	22.08	22.00	22.02		
3	16QAM	1	8	22.11	21.98	21.96	23	1
3	16QAM	1	14	21.90	21.92	21.87		
3	16QAM	8	0	20.69	20.63	20.81		
3	16QAM	8	4	20.75	20.73	20.81	22	2
3	16QAM	8	7	20.81	20.72	20.77		
3	16QAM	15	0	20.75	20.87	20.76		
3	64QAM	1	0	21.22	21.00	21.00		
3	64QAM	1	8	20.86	20.92	20.91	22	2
3	64QAM	1	14	20.89	20.87	20.82		
3	64QAM	8	0	19.91	19.85	19.85		
3	64QAM	8	4	20.10	19.92	19.90	21	3
3	64QAM	8	7	19.80	19.78	19.69		
3	64QAM	15	0	19.95	19.87	20.00		
3	256QAM	1	0	18.04	18.03	18.05		
3	256QAM	1	8	17.96	17.81	17.68	19	5
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91		
3	256QAM	8	4	17.80	17.83	17.89	19	5
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.71	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.27	23.18		
1.4	QPSK	1	3	22.99	22.93	22.89		
1.4	QPSK	1	5	23.00	23.05	22.91	24	0
1.4	QPSK	3	0	23.22	23.28	23.14		
1.4	QPSK	3	1	22.99	22.96	22.92		
1.4	QPSK	3	3	23.04	22.94	22.87		
1.4	QPSK	6	0	21.90	22.27	21.91	23	1
1.4	16QAM	1	0	22.17	22.04	21.94		
1.4	16QAM	1	3	22.12	22.05	22.16		
1.4	16QAM	1	5	22.06	22.18	22.03	23	1
1.4	16QAM	3	0	22.11	22.00	22.06		
1.4	16QAM	3	1	22.08	21.96	21.88		
1.4	16QAM	3	3	21.89	21.94	21.87		
1.4	16QAM	6	0	20.67	20.65	20.83	22	2
1.4	64QAM	1	0	20.69	20.75	20.86		
1.4	64QAM	1	3	20.72	20.75	20.77		
1.4	64QAM	1	5	20.68	20.80	20.79	22	2
1.4	64QAM	3	0	21.23	20.90	21.07		
1.4	64QAM	3	1	20.84	20.90	20.95		
1.4	64QAM	3	3	20.90	20.90	20.82		
1.4	64QAM	6	0	19.80	19.77	19.92	21	3
1.4	256QAM	1	0	18.02	18.07	18.05		
1.4	256QAM	1	3	17.93	17.84	17.72		
1.4	256QAM	1	5	17.76	17.77	17.66	19	5
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	5

Band 4 Ant 0 DSI2

BW [MHz]	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	22.71	22.76	22.68		
20	QPSK	1	49	22.51	22.56	22.53	24	0
20	QPSK	50	0	22.52	22.52	22.51		
20	QPSK	50	0	21.47	21.55	21.47		
20	QPSK	50	24	21.51	21.47	21.52	23	1
20	QPSK	50	50	21.47	21.51	21.44		
20	QPSK	100	0	21.45	21.48	21.42		
20	16QAM	1	0	21.65	21.69	21.67		
20	16QAM	1	49	21.80	21.74	21.74	23	1
20	16QAM	1	99	21.55	21.66	21.52		
20	16QAM	50	0	20.42	20.38	20.46		
20	16QAM	50	24	20.54	20.55	20.58	22	2
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0	20.42	20.48	20.42		
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Band 12 Ant 0 DSI2

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.94	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.80		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI2 sig path: 300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.94	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.94	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI2

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI2 sig path: 378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.76	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI2 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

Band 17 Ant 0 DSI2

BW [MHz]	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	23.06	23.11	23.03	24	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	1
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	1
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	2
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	2
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	3
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.49		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	24	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	1
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	1
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	2
5	16QAM	12	7	20.65	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	2
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	3
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

Band 25 Ant 0 DSI2

BW [MHz]	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	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.69	22.73	22.72		
20	QPSK	1	49	22.55	22.62	22.49	24	0
20	QPSK	1	99	22.60	22.67	22.50		
20	QPSK	50	0	21.47	21.53	21.29		
20	QPSK	50	24	21.27	21.40	21.17	23	1
20	QPSK	50	50	21.35	21.52	21.16		
20	QPSK	100	0	21.31	21.41	21.22		
20	16QAM	1	0	21.40	21.55	21.36		
20	16QAM	1	49	21.31	21.49	21.25	23	1
20	16QAM	1	99	21.34	21.48	21.30		
20	16QAM	50	0	20.49	20.53	20.49		
20	16QAM	50	24	20.32	20.49	20.28	22	2
20	16QAM	50	50	20.42	20.44	20.29		
20	16QAM	100	0	20.34	20.45	20.17		
20	64QAM	1	0	20.52	20.52	20.40		
20	64QAM	1	49	20.37	20.47	20.27	22	2
20	64QAM	1	99	20.37	20.49	20.37		
20	64QAM	50	0	19.51	19.55	19.38		
20	64QAM	50	24	19.44	19.60	19.33	21	3
20	64QAM	50	50	19.44	19.46	19.40		
20	64QAM	100	0	19.47	19.63	19.36		
20	256QAM	1	0	17.57	17.69	17.46		
20	256QAM	1	49	17.61	17.68	17.50	19	5
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43		
20	256QAM	50	24	17.34	17.34	17.14	19	5
20	256QAM	50	50	17.40	17.48	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.53	22.67	22.62		
15	QPSK	1	37	22.36	22.50	22.44	24	0
15	QPSK	1	74	22.56	22.59	22.31		
15	QPSK	36	0	21.47	21.37	21.19		
15	QPSK	36	20	21.12	21.34	21.04	23	1
15	QPSK	36	39	21.20	21.41	21.13		
15	QPSK	75	0	21.16	21.36	21.15		
15	16QAM	1	0	21.24	21.38	21.32		
15	16QAM	1	37	21.12	21.39	21.19	23	1
15	16QAM	1	74	21.17	21.36	21.24		
15	16QAM	36	0	20.42	20.47	20.30		
15	16QAM	36	20	20.19	20.30	20.23	22	2
15	16QAM	36	39	20.29	20.41	20.15		
15	16QAM	75	0	20.23	20.43	20.10		
15	64QAM	1	0	20.50	20.51	20.36		
15	64QAM	1	37	20.29	20.32	20.09	22	2
15	64QAM	1	74	20.19	20.46	20.26		
15	64QAM	36	0	19.51	19.46	19.34		
15	64QAM	36	20	19.32	19.56	19.15	21	3
15	64QAM	36	39	19.26	19.43	19.37		
15	64QAM	75	0	19.32	19.54	19.31		
15	256QAM	1	0	17.45	17.53	17.31		
15	256QAM	1	37	17.42	17.59	17.37	19	5
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32		
15	256QAM	36	20	17.15	17.15	17.00	19	5
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.55	22.60	22.58		
10	QPSK	1	25	22.43	22.55	22.39	24	0
10	QPSK	1	49	22.47	22.55	22.39		
10	QPSK	25	0	21.37	21.51	21.16		
10	QPSK	25	12	21.18	21.35	21.09	23	1
10	QPSK	25	25	21.15	21.49	21.11		
10	QPSK	50	0	21.28	21.32	21.03		
10	16QAM	1	0	21.20	21.46	21.21		
10	16QAM	1	25	21.25	21.46	21.18	23	1
10	16QAM	1	49	21.27	21.30	21.16		
10	16QAM	25	0	20.37	20.47	20.40		
10	16QAM	25	12	20.27	20.46	20.14	22	2
10	16QAM	25	25	20.37	20.29	20.20		
10	16QAM	50	0	20.21	20.29	20.00		
10	64QAM	1	0	20.33	20.46	20.21		
10	64QAM	1	25	20.21	20.39	20.23	22	2
10	64QAM	1	49	20.19	20.48	20.27		
10	64QAM	25	0	19.33	19.39	19.31		
10	64QAM	25	12	19.42	19.47	19.16	21	3
10	64QAM	25	25	19.39	19.41	19.37		
10	64QAM	50	0	19.42	19.54	19.34		
10	256QAM	1	0	17.42	17.61	17.44		
10	256QAM	1	25	17.56	17.53	17.40	19	5
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27		
10	256QAM	25	12	17.17	17.15	17.07	19	5
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.64	22.64	22.71		
5	QPSK	1	12	22.48	22.53	22.44	24	0
5	QPSK	1	24	22.48	22.49	22.43		
5	QPSK	12	0	21.32	21.46	21.21		
5	QPSK	12	7	21.21	21.21	21.17	23	1
5	QPSK	12	13	21.17	21.39	21.12		
5	QPSK	25	0	21.25	21.33	21.08		
5	16QAM	1	0	21.28	21.46	21.21		
5	16QAM	1	12	21.23	21.37	21.13	23	1
5	16QAM	1	24	21.19	21.46	21.10		
5	16QAM	12	0	20.47	20.35	20.44		
5	16QAM	12	7	20.26	20.32	20.27	22	2
5	16QAM	12	13	20.28	20.26	20.27		
5	16QAM	25	0	20.19	20.42	20.12		
5	64QAM	1	0	20.50	20.39	20.27		
5	64QAM	1	12	20.32	20.28	20.14	22	2
5	64QAM	1	24	20.19	20.31	20.23		
5	64QAM	12	0	19.42	19.53	19.33		
5	64QAM	12	7	19.38	19.52	19.19	21	3
5	64QAM	12	13	19.30	19.34	19.36		
5	64QAM	25	0	19.37	19.60	19.23		
5	256QAM	1	0	17.48	17.61	17.29		
5	256QAM	1	12	17.50	17.58	17.46	19	5
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26		
5	256QAM	12	7	17.21	17.25	17.02	19	5
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26055	26340	26627	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.50	22.56	22.67		
3	QPSK	1	8	22.48	22.59	22.44	24	0
3	QPSK	1	14	22.52	22.53	22.39		
3	QPSK	8	0	21.41	21.41	21.21		
3	QPSK	8	4	21.15	21.34	21.10	23	1
3	QPSK	8	7	21.26	21.51	21.06		
3	QPSK	15	0	21.25	21.22	21.22		
3	16QAM	1	0	21.24	21.51	21.17		
3	16QAM	1	8	21.27	21.40	21.22	23	1
3	16QAM	1	14	21.24	21.40	21.17		
3	16QAM	8	0	20.43	20.47	20.37		
3	16QAM	8	4	20.20	20.44	20.25	22	2
3	16QAM	8	7	20.40	20.40	20.26		
3	16QAM	15	0	20.26	20.40	20.04		
3	64QAM	1	0	20.49	20.33	20.26		
3	64QAM	1	8	20.33	20.30	20.16	22	2
3	64QAM	1	14	20.29	20.36	20.26		
3	64QAM	8	0	19.34	19.52	19.23		
3	64QAM	8	4	19.41	19.53	19.30	21	3
3	64QAM	8	7	19.41	19.36	19.40		
3	64QAM	15	0	19.43	19.63	19.24		
3	256QAM	1	0	17.41	17.64	17.41		
3	256QAM	1	8	17.59	17.58	17.34	19	5
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36		
3	256QAM	8	4	17.26	17.21	17.11	19	5
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.15	17.39	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.55	22.72	22.57		
1.4	QPSK	1	3	22.38	22.51	22.45		
1.4	QPSK	1	5	22.53	22.64	22.31	24	0
1.4	QPSK	3	0	22.55	22.55	22.55		
1.4	QPSK	3	1	22.41	22.53	22.33		
1.4	QPSK	3	3	22.43	22.59	22.45		
1.4	QPSK	6	0	21.33	21.42	21.21	23	1
1.4	16QAM	1	0	21.18	21.21	21.10		
1.4	16QAM	1	3	21.32	21.49	21.08		
1.4	16QAM	1	5	21.26	21.28	21.09	23	1
1.4	16QAM	3	0	21.32	21.39	21.32		
1.4	16QAM	3	1	21.11	21.42	21.18		
1.4	16QAM	3	3	21.28	21.36	21.30		
1.4	16QAM	6	0	20.39	20.43	20.45	22	2
1.4	64QAM	1	0	20.14	20.34	20.11		
1.4	64QAM	1	3	20.37	20.36	20.27		
1.4	64QAM	1	5	20.29	20.43	20.06	22	2
1.4	64QAM	3	0	20.39	20.39	20.33		
1.4	64QAM	3	1	20.22	20.42	20.19		
1.4	64QAM	3	3	20.26	20.46	20.25		
1.4	64QAM	6	0	19.34	19.55	19.28	21	3
1.4	256QAM	1	0	17.47	17.50	17.44		
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41	19	5
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	5

Band 26 for FCC Ant 0 DSI2

BW [MHz]	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	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.79	22.80	22.78		
15	QPSK	1	37	22.77	22.79	22.78	24	0
15	QPSK	1	74	22.64	22.73	22.66		
15	QPSK	36	0	21.60	21.64	21.60		
15	QPSK	36	20	21.31	21.38	21.29	23	1
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.34	21.31		
15	16QAM	1	0	21.55	21.58	21.47		
15	16QAM	1	37	21.41	21.44	21.37	23	1
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54		
15	16QAM	36	20	20.33	20.39	20.48	22	2
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58		
15	64QAM	1	37	20.45	20.55	20.55	22	2
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53		
15	64QAM	36	20	19.34	19.38	19.43	21	3
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53		
15	256QAM	1	37	17.62	17.45	17.54	19	5
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42		
15	256QAM	36	20	17.40	17.43	17.40	19	5
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.64	22.64	22.67		
10	QPSK	1	25	22.73	22.60	22.77	24	0
10	QPSK	1	49	22.47	22.54	22.59		
10	QPSK	25	0	21.52	21.45	21.45		
10	QPSK	25	12	21.13	21.37	21.23	23	1
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33		
10	16QAM	1	25	21.37	21.41	21.28	23	1
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35		
10	16QAM	25	12	20.23	20.25	20.39	22	2
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51		
10	64QAM	1	25	20.35	20.45	20.54	22	2
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36		
10	64QAM	25	12	19.29	19.25	19.24	21	3
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51		
10	256QAM	1	25	17.44	17.27	17.53	19	5
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24		
10	256QAM	25	12	17.25	17.38	17.37	19	5
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.72	22.73		
5	QPSK	1	12	22.64	22.71	22.74	24	0
5	QPSK	1	24	22.63	22.58	22.62		
5	QPSK	12	0	21.50	21.56	21.45		
5	QPSK	12	7	21.19	21.27	21.27	23	1
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38		
5	16QAM	1	12	21.23	21.40	21.20	23	1
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36		
5	16QAM	12	7	20.25	20.38	20.48	22	2
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49		
5	64QAM	1	12	20.42	20.44	20.51	22	2
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52		
5	64QAM	12	7	19.17	19.27	19.28	21	3
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39		
5	256QAM	1	12	17.33	17.40	17.52	19	5
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29		
5	256QAM	12	7	17.31	17.38	17.33	19	5
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	22.73	22.67	22.65		
3	QPSK	1	8	22.68	22.67	22.61	24	0
3	QPSK	1	14	22.48	22.64	22.63		
3	QPSK	8	0	21.40	21.56	21.48		
3	QPSK	8	4	21.24	21.38	21.17	23	1
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28		
3	16QAM	1	8	21.33	21.36	21.26	23	1
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51		
3	16QAM	8	4	20.27	20.27	20.34	22	2
3	16QAM	8	7	20.36	20.45	20.26		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50		
3	64QAM	1	8	20.31	20.43	20.39	22	2
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47		
3	64QAM	8	4	19.26	19.32	19.41	21	3
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36		
3	256QAM	1	8	17.38	17.41	17.50	19	5
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.26	17.43	17.29		
3	256QAM	8	4	17.22	17.41	17.36	19	5
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.72	22.74	22.67		
1.4	QPSK	1	3	22.66	22.70	22.61		
1.4	QPSK	1	5	22.56	22.66	22.64	24	0
1.4	QPSK	3	0	22.64	22.71	22.72		
1.4	QPSK	3	1	22.58	22.60	22.66		
1.4	QPSK	3	3	22.63	22.59	22.55		
1.4	QPSK	6	0	21.57	21.61	21.54	23	1
1.4	16QAM	1	0	21.16	21.32	21.24		
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12	23	1
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.28	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	2
1.4	64QAM	1	0	20.33	20.37	20.41		
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39	22	2
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.43	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	3
1.4	256QAM	1	0	17.39	17.37	17.47		
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57	19	5
1.4	256QAM	3	0	17.27	17.33	17.41		
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.08	17.21	17.23	19	5

Band 26 for FCC Ant 0 DSI2 sig path: 320

BW [MHz]	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	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.31	23.36	23.33		
15	QPSK	1	37	23.24	23.33	23.28	24	0
15	QPSK	1	74	23.17	23.25	23.12		
15	QPSK	36	0	22.03	22.13	22.10		
15	QPSK	36	20	21.79	21.86	21.85	23	1
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94		
15	16QAM	1	37	21.92	21.88	21.90	23	1
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	21.06		
15	16QAM	36	20	20.84	20.96	20.99	22	2
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11		
15	64QAM	1	37	21.01	21.09	20.98	22	2
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04		
15	64QAM	36	20	19.88	19.85	19.98	21	3
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03		
15	256QAM	1	37	18.09	17.94	18.12	19	5
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96		
15	256QAM	36	20	17.94	17.99	17.89	19	5
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.18	23.32	23.19		
10	QPSK	1	25	23.10	23.25	23.20	24	0
10	QPSK	1	49	23.15	23.18	22.95		
10	QPSK	25	0	22.00	22.08	21.97		
10	QPSK	25	12	21.69	21.79	21.75	23	1
10	QPSK	25	25	21.79	21.90	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88		
10	16QAM	1	25	21.86	21.74	21.86	23	1
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96		
10	16QAM	25	12	20.76	20.79	20.84	22	2
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		

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BW [MHz]	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	22.72	22.76	22.70	24	0
20	QPSK	1	49	22.49	22.55	22.54		
20	QPSK	1	99	22.65	22.61	22.53		
20	QPSK	50	0	21.63	21.69	21.46	23	1
20	QPSK	50	24	21.66	21.65	21.68		
20	QPSK	50	50	21.51	21.50	21.37		
20	QPSK	100	0	21.48	21.66	21.54		
20	16QAM	1	0	21.50	21.67	21.60	23	1
20	16QAM	1	49	21.52	21.62	21.57		
20	16QAM	1	99	21.49	21.58	21.51		
20	16QAM	50	0	20.59	20.67	20.53	22	2
20	16QAM	50	24	20.73	20.62	20.65		
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58	22	2
20	64QAM	1	49	20.44	20.53	20.55		
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51	21	3
20	64QAM	50	24	19.48	19.60	19.25		
20	64QAM	50	50	19.48	19.54	19.66		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48	19	5
20	256QAM	1	49	17.53	17.60	17.45		
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44	19	5
20	256QAM	50	24	17.31	17.49	17.14		
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.59	22.60	24	0
15	QPSK	1	37	22.33	22.49	22.49		
15	QPSK	1	74	22.52	22.44	22.40		
15	QPSK	36	0	21.57	21.52	21.33	23	1
15	QPSK	36	20	21.62	21.53	21.67		
15	QPSK	36	39	21.49	21.47	21.27		
15	QPSK	75	0	21.36	21.52	21.47		
15	16QAM	1	0	21.31	21.63	21.46	23	1
15	16QAM	1	37	21.44	21.60	21.46		
15	16QAM	1	74	21.34	21.40	21.33		
15	16QAM	36	0	20.48	20.60	20.36	22	2
15	16QAM	36	20	20.69	20.45	20.51		
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.55	20.44		
15	64QAM	1	0	20.60	20.43	20.56	22	2
15	64QAM	1	37	20.25	20.49	20.49		
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48	21	3
15	64QAM	36	20	19.29	19.44	19.24		
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38	19	5
15	256QAM	1	37	17.49	17.42	17.28		
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34	19	5
15	256QAM	36	20	17.30	17.35	17.04		
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.55	22.56	22.63	24	0
10	QPSK	1	25	22.43	22.44	22.44		
10	QPSK	1	49	22.60	22.53	22.35		
10	QPSK	25	0	21.58	21.65	21.29	23	1
10	QPSK	25	12	21.62	21.51	21.49		
10	QPSK	25	25	21.43	21.47	21.25		
10	QPSK	50	0	21.35	21.65	21.43		
10	16QAM	1	0	21.34	21.55	21.44	23	1
10	16QAM	1	25	21.46	21.53	21.55		
10	16QAM	1	49	21.36	21.53	21.48		
10	16QAM	25	0	20.52	20.61	20.50	22	2
10	16QAM	25	12	20.54	20.51	20.64		
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.49	20.53	20.39	22	2
10	64QAM	1	25	20.44	20.53	20.37		
10	64QAM	1	49	20.51	20.36	20.19		
10	64QAM	25	0	19.52	19.50	19.33	21	3
10	64QAM	25	12	19.31	19.44	19.14		
10	64QAM	25	25	19.30	19.51	19.52		
10	64QAM	50	0	19.46	19.45	19.30		
10	256QAM	1	0	17.37	17.61	17.42	19	5
10	256QAM	1	25	17.36	17.41	17.42		
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31	19	5
10	256QAM	25	12	17.30	17.34	17.08		
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.58	22.72	22.60	24	0
5	QPSK	1	12	22.33	22.47	22.45		
5	QPSK	1	24	22.63	22.49	22.47		
5	QPSK	12	0	21.46	21.53	21.29	23	1
5	QPSK	12	7	21.62	21.59	21.53		
5	QPSK	12	13	21.51	21.30	21.23		
5	QPSK	25	0	21.46	21.64	21.54		
5	16QAM	1	0	21.45	21.66	21.53	23	1
5	16QAM	1	12	21.36	21.60	21.44		
5	16QAM	1	24	21.33	21.49	21.33		
5	16QAM	12	0	20.43	20.54	20.40	22	2
5	16QAM	12	7	20.65	20.61	20.53		
5	16QAM	12	13	20.37	20.32	20.22		
5	16QAM	25	0	20.54	20.49	20.42		
5	64QAM	1	0	20.55	20.37	20.42	22	2
5	64QAM	1	12	20.25	20.50	20.52		
5	64QAM	1	24	20.48	20.51	20.30		
5	64QAM	12	0	19.54	19.49	19.51	21	3
5	64QAM	12	7	19.38	19.48	19.13		
5	64QAM	12	13	19.29	19.46	19.46		
5	64QAM	25	0	19.51	19.51	19.31		
5	256QAM	1	0	17.37	17.60	17.43	19	5
5	256QAM	1	12	17.51	17.55	17.26		
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44	19	5
5	256QAM	12	7	17.30	17.44	17.07		
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.63	22.55	24	0
3	QPSK	1	8	22.45	22.48	22.52		
3	QPSK	1	14	22.61	22.51	22.38		
3	QPSK	8	0	21.48	21.63	21.32	23	1
3	QPSK	8	4	21.48	21.54	21.52		
3	QPSK	8	7	21.37	21.33	21.26		
3	QPSK	15	0	21.39	21.63	21.36		
3	16QAM	1	0	21.41	21.60	21.43	23	1
3	16QAM	1	8	21.32	21.46	21.51		
3	16QAM	1	14	21.42	21.50	21.34		
3	16QAM	8	0	20.51	20.65	20.47	22	2
3	16QAM	8	4	20.61	20.59	20.58		
3	16QAM	8	7	20.24	20.43	20.37		
3	16QAM	15	0	20.49	20.42	20.42		
3	64QAM	1	0	20.46	20.40	20.43	22	2
3	64QAM	1	8	20.27	20.46	20.54		
3	64QAM	1	14	20.35	20.41	20.22		
3	64QAM	8	0	19.43	19.38	19.46	21	3
3	64QAM	8	4	19.38	19.42	19.14		
3	64QAM	8	7	19.36	19.39	19.48		
3	64QAM	15	0	19.51	19.52	19.27		
3	256QAM	1	0	17.54	17.59	17.46	19	5
3	256QAM	1	8	17.33	17.51	17.42		
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37	19	5
3	256QAM	8	4	17.19	17.41	17.10		
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131978	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.57	22.74	22.62	24	0
1.4	QPSK	1	3	22.47	22.44	22.37		
1.4	QPSK	1	5	22.60	22.52	22.36		
1.4	QPSK	3	0	22.57	22.70	22.55		
1.4	QPSK	3	1	22.36	22.44	22.47		
1.4	QPSK	3	3	22.47	22.55	22.50		
1.4	QPSK	6	0	21.58	21.68	21.38	23	1
1.4	16QAM	1	0	21.59	21.50	21.63	23	1
1.4	16QAM	1	3	21.43	21.40	21.24		
1.4	16QAM	1	5	21.36	21.57	21.46		
1.4	16QAM	3	0	21.32	21.62	21.44		
1.4	16QAM	3	1	21.37	21.61	21.54		
1.4	16QAM	3	3	21.39	21.53	21.32		
1.4	16QAM	6	0	20.59	20.57	20.49	22	2
1.4	64QAM	1	0	20.65	20.44	20.49	22	2
1.4	64QAM	1	3	20.31	20.48	20.21		
1.4	64QAM	1	5	20.51	20.42	20.54		
1.4	64QAM	3	0	20.61	20.54	20.53		
1.4	64QAM	3	1	20.25	20.46	20.36		
1.4	64QAM	3	3	20.52	20.47	20.18		
1.4	64QAM	6	0	19.46	19.54	19.12	21	3
1.4	256QAM	1	0	17.37	17.49	17.39	19	5
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49		
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	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	22.81	22.86	22.83	24	0
20	QPSK	1	49	22.76	22.68	22.72		
20	QPSK	1	99	22.64	22.77	22.68		
20	QPSK	50	0	21.80	21.84	21.54	23	1
20	QPSK	50	24	21.81	21.73	21.83		
20	QPSK	50	50	21.71	21.80	21.77		
20	QPSK	100	0	21.79	21.82	21.73		
20	16QAM	1	0	21.69	21.74	21.79	23	1
20	16QAM	1	49	21.70	21.73	21.73		
20	16QAM	1	99	21.63	21.79	21.64		
20	16QAM	50	0	20.67	20.79	20.60	22	2
20	16QAM	50	24	20.81	20.76	20.80		
20	16QAM	50	50	20.60	20.66	20.52		
20	16QAM	100	0	20.87	20.78	20.68		
20	64QAM	1	0	20.78	20.75	20.66	22	2
20	64QAM	1	49	20.60	20.62	20.68		
20	64QAM	1	99	20.68	20.70	20.51		
20	64QAM	50	0	19.75	19.67	19.73	21	3
20	64QAM	50	24	19.67	19.82	19.34		
20	64QAM	50	50	19.58	19.71	19.80		
20	64QAM	100	0	19.64	19.65	19.57		
20	256QAM	1	0	17.76	17.75	17.67	19	5
20	256QAM	1	49	17.64	17.70	17.63		
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55	19	5
20	256QAM	50	24	17.49	17.66	17.33		
20	256QAM	50	50	17.55	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.82	22.71	24	0
15	QPSK	1	37	22.67	22.52	22.56		
15	QPSK	1	74	22.70	22.59	22.55		
15	QPSK	36	0	21.76	21.77	21.52	23	1
15	QPSK	36	20	21.70	21.60	21.73		
15	QPSK	36	39	21.55	21.75	21.62		
15	QPSK	75	0	21.71	21.79	21.56		
15	16QAM	1	0	21.52	21.57	21.64	23	1
15	16QAM	1	37	21.61	21.67	21.66		
15	16QAM	1	74	21.46	21.68	21.53		
15	16QAM	36	0	20.52	20.65	20.47	22	2
15	16QAM	36	20	20.66	20.58	20.68		
15	16QAM	36	39	20.51	20.63	20.45		
15	16QAM	75	0	20.74	20.63	20.62		
15	64QAM	1	0	20.74	20.66	20.49	22	2
15	64QAM	1	37	20.47	20.55	20.64		
15	64QAM	1	74	20.54	20.58	20.33		
15	64QAM	36	0	19.71	19.59	19.70	21	3
15	64QAM	36	20	19.53	19.73	19.70		
15	64QAM	36	39	19.55	19.57	19.77		
15	64QAM	75	0	19.50	19.66	19.56		
15	256QAM	1	0	17.68	17.60	17.55	19	5
15	256QAM	1	37	17.58	17.66	17.51		
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64	19	5
15	256QAM	36	20	17.70	17.65	17.67		
15	256QAM	36	39	17.65	17.59	17.89		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.60	22.75	22.72	24	0
10	QPSK	1	25	22.71	22.55	22.69		
10	QPSK	1	49	22.77	22.70	22.59		
10	QPSK	25	0	21.69	21.77	21.50	23	1
10	QPSK	25	12	21.66	21.58	21.79		
10	QPSK	25	25	21.66	21.69	21.71		
10	QPSK	50	0	21.68	21.73	21.62		
10	16QAM	1	0	21.58	21.63	21.66	23	1
10	16QAM	1	25	21.60	21.59	21.68		
10	16QAM	1	49	21.49	21.72	21.58		
10	16QAM	25	0	20.51	20.74	20.56	22	2
10	16QAM	25	12	20.65	20.62	20.73		
10	16QAM	25	25	20.53	20.63	20.38		
10	16QAM	50	0	20.77	20.66	20.54		
10	64QAM	1	0	20.68	20.69	20.60	22	2
10	64QAM	1	25	20.55	20.53	20.50		
10	64QAM	1	49	20.62	20.59	20.37		
10	64QAM	25	0	19.67	19.57	19.68	21	3
10	64QAM	25	12	19.51	19.73	19.76		
10	64QAM	25	25	19.63	19.60	19.71		
10	64QAM	50	0	19.59	19.65	19.60		
10	256QAM	1	0	17.59	17.71	17.60	19	5
10	256QAM	1	25	17.55	17.58	17.54		
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61	19	5
10	256QAM	25	12	17.72	17.65	17.61		
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.76	22.78	22.68	24	0
5	QPSK	1	12	22.68	22.52	22.66		
5	QPSK	1	24	22.71	22.65	22.53		
5	QPSK	12	0	21.63	21.78	21.45	23	1
5	QPSK	12	7	21.66	21.61	21.67		
5	QPSK	12	13	21.65	21.72	21.64		
5	QPSK	25	0	21.60	21.73	21.65		
5	16QAM	1	0	21.56	21.70	21.73	23	1
5	16QAM	1	12	21.58	21.70	21.68		
5	16QAM	1	24	21.59	21.61	21.60		
5	16QAM	12	0	20.56	20.71	20.44	22	2
5	16QAM	12	7	20.64	20.62	20.78		
5	16QAM	12	13	20.50	20.58	20.47		
5	16QAM	25	0	20.70	20.68	20.54		
5	64QAM	1	0	20.61	20.64	20.55	22	2
5	64QAM	1	12	20.58	20.45	20.61		
5	64QAM	1	24	20.64	20.67	20.40		
5	64QAM	12	0	19.60	19.56	19.61	21	3
5	64QAM	12	7	19.52	19.66	19.72		
5	64QAM	12	13	19.68	19.57	19.72		
5	64QAM	25	0	19.58	19.64	19.66		
5	256QAM	1	0	17.60	17.71	17.60	19	5
5	256QAM	1	12	17.59	17.59	17.58		
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57	19	5
5	256QAM	12	7	17.73	17.60	17.58		
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.77	22.69	22.67	24	0
3	QPSK	1	8	22.74	22.60	22.69		
3	QPSK	1	14	22.70	22.72	22.51		
3	QPSK	8	0	21.75	21.73	21.41	23	1
3	QPSK	8	4	21.75	21.58	21.72		
3	QPSK	8	7	21.63	21.71	21.72		
3	QPSK	15	0	21.70	21.79	21.66		
3	16QAM	1	0	21.55	21.70	21.67	23	1
3	16QAM	1	8	21.56	21.62	21.67		
3	16QAM	1	14	21.49	21.69	21.57		
3	16QAM	8	0	20.49	20.64	20.58	22	2
3	16QAM	8	4	20.65	20.58	20.66		
3	16QAM	8	7	20.51	20.51	20.42		
3	16QAM	15	0	20.73	20.75	20.63		
3	64QAM	1	0	20.64	20.58	20.57	22	2
3	64QAM	1	8	20.54	20.50	20.64		
3	64QAM	1	14	20.64	20.62	20.37		
3	64QAM	8	0	19.66	19.49	19.61	21	3
3	64QAM	8	4	19.61	19.70	19.69		
3	64QAM	8	7	19.55	19.65	19.78		
3	64QAM	15	0	19.55	19.63	19.59		
3	256QAM	1	0	17.60	17.66	17.59	19	5
3	256QAM	1	8	17.60	17.65	17.55		
3	256QAM	1	14	17.55	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66	19	5
3	256QAM	8	4	17.61	17.63	17.67		
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.85	22.82	24	0
1.4	QPSK	1	3	22.56	22.58	22.57		
1.4	QPSK	1	5	22.74	22.67	22.55		
1.4	QPSK	3	0	22.69	22.80	22.70		
1.4	QPSK	3	1	22.58	22.61	22.59		
1.4	QPSK	3	3	22.61	22.68	22.70		
1.4	QPSK	6	0	21.66	21.86	21.55	23	1
1.4	16QAM	1	0	21.79	21.72	21.71	23	1
1.4	16QAM	1	3	21.59	21.55	21.35		
1.4	16QAM	1	5	21.54	21.73	21.57		
1.4	16QAM	3	0	21.44	21.69	21.56		
1.4	16QAM	3	1	21.54	21.78	21.72		
1.4	16QAM	3	3	21.56	21.75	21.50		
1.4	16QAM	6	0	20.76	20.80	20.60	22	2
1.4	64QAM	1	0	20.75	20.56	20.62	22	2
1.4	64QAM	1	3	20.50	20.59	20.43		
1.4	64QAM	1	5	20.73	20.64	20.71		
1.4	64QAM	3	0	20.69	20.76	20.71		
1.4	64QAM	3	1	20.48	20.60	20.49		
1.4	64QAM	3	3	20.62	20.66	20.26		
1.4	64QAM	6	0	19.60	19.64	19.28	21	3
1.4	256QAM	1	0	17.55	17.58	17.56	19	5
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61		
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62	22	2
20	16QAM	50	24	20.93	20.72	20.85		
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64QAM	1	0	20.79	20.72	20.70	22	2
20	64QAM	1	49	20.56	20.61	20.71		
20	64QAM	1	99	20.69	20.62	20.52		
20	64QAM	50	0	19.72	19.76	19.63	21	3
20	64QAM	50	24	19.66	19.74	19.39		
20	64QAM	50	50	19.64	19.67	19.82		
20	64QAM	100	0	19.69	19.66	19.59		
20	256QAM	1	0	17.76	17.85	17.57	19	5
20	256QAM	1	49	17.70	17.73	17.69		
20	256QAM	1	99	17.52	17.91	17.71		
20	256QAM	50	0	17.64	17.55	17.55	19	5
20	256QAM	50	24	17.37	17.73	17.32		
20	256QAM	50	50	17.78	17.79	17.56		
20	256QAM	100	0	17.40	17.65	17.57		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.70	22.76	22.75	24	0
15	QPSK	1	37	22.52	22.50	22.75		
15	QPSK	1	74	22.59	22.52	22.58		
15	QPSK	36	0	21.62	21.68	21.50	23	1
15	QPSK	36	20	21.76	21.74	21.72		
15	QPSK	36	39	21.59	21.45	21.44		
15	QPSK	75	0	21.67	21.68	21.71		
15	16QAM	1	0	21.56	21.88	21.53	23	1
15	16QAM	1	37	21.68	21.75	21.49		
15	16QAM	1	74	21.64	21.62	21.61		
15	16QAM	36	0	20.52	20.70	20.51	22	2
15	16QAM	36	20	20.77	20.55	20.85		
15	16QAM	36	39	20.53	20.52	20.43		
15	16QAM	75	0	20.75	20.65	20.68		
15	64QAM	1	0	20.66	20.67	20.52	22	2
15	64QAM	1	37	20.51	20.49	20.67		
15	64QAM	1	74	20.56	20.61	20.40		
15	64QAM	36	0	19.65	19.58	19.48	21	3
15	64QAM	36	20	19.57	19.56	19.22		
15	64QAM	36	39	19.46	19.54	19.71		
15	64QAM	75	0	19.51	19.59	19.58		
15	256QAM	1	0	17.57	17.70	17.44	19	5
15	256QAM	1	37	17.56	17.57	17.58		
15	256QAM	1	74	17.39	17.83	17.65		
15	256QAM	36	0	17.63	17.40	17.53	19	5
15	256QAM	36	20	17.18	17.62	17.23		
15	256QAM	36	39	17.62	17.62	17.36		
15	256QAM	75	0	17.37	17.50	17.53		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.73	22.71	22.79	24	0
10	QPSK	1	25	22.50	22.52	22.71		
10	QPSK	1	49	22.62	22.51	22.53		
10	QPSK	25	0	21.70	21.80	21.51	23	1
10	QPSK	25	12	21.73	21.64	21.76		
10	QPSK	25	25	21.46	21.54	21.39		
10	QPSK	50	0	21.65	21.78	21.65		
10	16QAM	1	0	21.49	21.86	21.53	23	1
10	16QAM	1	25	21.54	21.59	21.53		
10	16QAM	1	49	21.65	21.53	21.59		
10	16QAM	25	0	20.56	20.72	20.46	22	2
10	16QAM	25	12	20.89	20.69	20.70		
10	16QAM	25	25	20.54	20.46	20.42		
10	16QAM	50	0	20.80	20.59	20.62		
10	64QAM	1	0	20.77	20.53	20.65	22	2
10	64QAM	1	25	20.56	20.41	20.52		
10	64QAM	1	49	20.58	20.61	20.48		
10	64QAM	25	0	19.60	19.59	19.58	21	3
10	64QAM	25	12	19.54	19.58	19.38		
10	64QAM	25	25	19.50	19.49	19.74		
10	64QAM	50	0	19.67	19.58	19.45		
10	256QAM	1	0	17.64	17.77	17.41	19	5
10	256QAM	1	25	17.68	17.61	17.51		
10	256QAM	1	49	17.37	17.73	17.54		
10	256QAM	25	0	17.52	17.51	17.35	19	5
10	256QAM	25	12	17.21	17.59	17.31		
10	256QAM	25	25	17.64	17.69	17.45		
10	256QAM	50	0	17.22	17.53	17.47		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.69	22.90	22.73	24	0
5	QPSK	1	12	22.56	22.47	22.62		
5	QPSK	1	24	22.73	22.49	22.55		
5	QPSK	12	0	21.74	21.74	21.62	23	1
5	QPSK	12	7	21.70	21.70	21.66		
5	QPSK	12	13	21.49	21.50	21.47		
5	QPSK	25	0	21.65	21.78	21.58		
5	16QAM	1	0	21.49	21.81	21.52	23	1
5	16QAM	1	12	21.58	21.59	21.60		
5	16QAM	1	24	21.54	21.61	21.69		
5	16QAM	12	0	20.54	20.76	20.50	22	2
5	16QAM	12	7	20.75	20.60	20.77		
5	16QAM	12	13	20.46	20.53	20.46		
5	16QAM	25	0	20.64	20.73	20.59		
5	64QAM	1	0	20.78	20.67	20.52	22	2
5	64QAM	1	12	20.43	20.52	20.52		
5	64QAM	1	24	20.49	20.60	20.43		
5	64QAM	12	0	19.67	19.58	19.44	21	3
5	64QAM	12	7	19.63	19.59	19.37		
5	64QAM	12	13	19.53	19.65	19.72		
5	64QAM	25	0	19.62	19.49	19.54		
5	256QAM	1	0	17.63	17.68	17.38	19	5
5	256QAM	1	12	17.50	17.72	17.54		
5	256QAM	1	24	17.45	17.72	17.65		
5	256QAM	12	0	17.52	17.52	17.47	19	5
5	256QAM	12	7	17.31	17.56	17.21		
5	256QAM	12	13	17.67	17.65	17.53		
5	256QAM	25	0	17.23	17.59	17.42		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.95	22.82	24	0
20	QPSK	1	49	22.59	22.61	22.61		
20	QPSK	1	99	22.37	22.49	22.58		
20	QPSK	50	0	21.45	21.56	21.40	23	1
20	QPSK	50	24	21.17	21.35	21.32		
20	QPSK	50	50	21.30	21.50	21.43		
20	QPSK	100	0	21.35	21.54	21.44		
20	16QAM	1	0	21.64	21.69	21.61	23	1
20	16QAM	1	49	21.52	21.70	21.56		
20	16QAM	1	99	21.39	21.53	21.51		
20	16QAM	50	0	20.37	20.53	20.52	22	2
20	16QAM	50	24	20.25	20.39	20.25		
20	16QAM	50	50	20.39	20.43	20.27		
20	16QAM	100	0	20.35	20.43	20.41		
20	64QAM	1	0	20.55	20.68	20.64	22	2
20	64QAM	1	49	20.54	20.63	20.61		
20	64QAM	1	99	20.31	20.43	20.32		
20	64QAM	50	0	19.39	19.48	19.45	21	3
20	64QAM	50	24	19.23	19.38	19.33		
20	64QAM	50	50	19.39	19.41	19.22		
20	64QAM	100	0	19.19	19.29	19.21		
20	256QAM	1	0	17.69	17.82	17.75	19	5
20	256QAM	1	49	17.52	17.60	17.56		
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40	19	5
20	256QAM	50	24	17.19	17.38	17.32		
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.82	22.85	22.70	24	0
15	QPSK	1	37	22.54	22.60	22.42		
15	QPSK	1	74	22.59	22.36	22.46		
15	QPSK	36	0	21.31	21.47	21.28	23	1
15	QPSK	36	20	21.11	21.17	21.13		
15	QPSK	36	39	21.20	21.35	21.41		
15	QPSK	75	0	21.16	21.36	21.43		
15	16QAM	1	0	21.61	21.63	21.60	23	1
15	16QAM	1	37	21.44	21.68	21.43		
15	16QAM	1	74	21.33	21.52	21.42		
15	16QAM	36	0	20.17	20.46	20.40	22	2
15	16QAM	36	20	20.15	20.27	20.05		
15	16QAM	36	39	20.25	20.40	20.08		
15	16QAM	75	0	20.24	20.41	20.37		
15	64QAM	1	0	20.49	20.57	20.52	22	2
15	64QAM	1	37	20.36	20.54	20.48		
15	64QAM	1	74	20.31	20.28	20.20		
15	64QAM	36	0	19.24	19.34	19.27	21	3
15	64QAM	36	20	19.06	19.36	19.32		
15	64QAM	36	39	19.36	19.37	19.19		
15	64QAM	75	0	19.03	19.21	19.08		
15	256QAM	1	0	17.65	17.75	17.65	19	5
15	256QAM	1	37	17.43	17.48	17.48		
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33	19	5
15	256QAM	36	20	17.01	17.18	17.26		
15	256QAM	36	39	17.11	17.17	17.15		
15	256QAM	75	0	17.22	17.28	17.11		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.81	22.83	22.72	24	0
10	QPSK	1	25	22.48	22.46	22.60		
10	QPSK	1	49	22.55	22.43	22.56		
10	QPSK	25	0	21.29	21.50	21.28	23	1
10	QPSK	25	12	21.05	21.16	21.28		
10	QPSK	25	25	21.11	21.44	21.33		
10	QPSK	50	0	21.17	21.42	21.33		
10	16QAM	1	0	21.47	21.64	21.50	23	1
10	16QAM	1	25	21.36	21.61	21.50		
10	16QAM	1	49	21.26	21.47	21.42		
10	16QAM	25	0	20.20	20.37	20.49	22	2
10	16QAM	25	12	20.07	20.22	20.12		
10	16QAM	25	25	20.38	20.32	20.12		
10	16QAM	50	0	20.27	20.23	20.33		
10	64QAM	1	0	20.40	20.49	20.59	22	2
10	64QAM	1	25	20.39	20.52	20.55		
10	64QAM	1	49	20.16	20.27	20.21		
10	64QAM	25	0	19.37	19.40	19.28	21	3
10	64QAM	25	12	19.19	19.37	19.26		
10	64QAM	25	25	19.26	19.27	19.20		
10	64QAM	50	0	19.18	19.22	19.08		
10	256QAM	1	0	17.50	17.72	17.56	19	5
10	256QAM	1	25	17.32	17.57	17.40		
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24	19	5
10	256QAM	25	12	17.00	17.24	17.19		
10	256QAM	25	25	17.11	17.24	17.18		
10	256QAM	50	0	17.04	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.73	22.76	22.70	24	0
5	QPSK	1	12	22.59	22.48	22.47		
5	QPSK	1	24	22.59	22.35	22.54		
5	QPSK	12	0	21.36	21.43	21.26	23	1
5	QPSK	12	7	21.07	21.19	21.16		
5	QPSK	12	13	21.26	21.46	21.39		
5	QPSK	25	0	21.22	21.47	21.43		
5	16QAM	1	0	21.57	21.51	21.50	23	1
5	16QAM	1	12	21.35	21.62	21.56		
5	16QAM	1	24	21.34	21.52	21.48		
5	16QAM	12	0	20.37	20.43	20.42	22	2
5	16QAM	12	7	20.15	20.33	20.09		
5	16QAM	12	13	20.32	20.30	20.08		
5	16QAM	25	0	20.16	20.34	20.22		
5	64QAM	1	0	20.47	20.49	20.50	22	2
5	64QAM	1	12	20.40	20.52	20.53		
5	64QAM	1	24	20.29	20.42	20.25		
5	64QAM	12	0	19.32	19.42	19.27	21	3
5	64QAM	12	7	19.05	19.30	19.30		
5	64QAM	12	13	19.32	19.33	19.19		
5	64QAM	25	0	19.11	19.10	19.03		
5	256QAM	1	0	17.66	17.69	17.74	19	5
5	256QAM	1	12	17.34	17.58	17.43		
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20	19	5
5	256QAM	12	7	17.09	17.27	17.29		
5	256QAM	12	13	17.17	17.22	17.07		
5	256QAM	25	0	17.10	17.40	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	22.95	23.00	22.85	24	0
10	QPSK	1	25	22.56	22.65	22.58		
10	QPSK	1	49	22.54	22.50	22.55		
10	QPSK	25	0	21.51	21.59	21.45	23	1
10	QPSK	25	12	21.19	21.41	21.36		
10	QPSK	25	25	21.34	21.44	21.46		
10	QPSK	50	0	21.31	21.50	21.48		
10	16QAM	1	0	21.58	21.73	21.61	23	1
10	16QAM	1	25	21.46	21.74	21.55		
10	16QAM	1	49	21.44	21.53	21.55		
10	16QAM	25	0	20.38	20.49	20.46	22	2
10	16QAM	25	12	20.30	20.36	20.28		
10	16QAM	25	25	20.34	20.37	20.21		
10	16QAM	50	0	20.30	20.43	20.40		
10	64QAM	1	0	20.49	20.61	20.60	22	2
10	64QAM	1	25	20.61	20.64	20.58		
10	64QAM	1	49	20.33	20.48	20.33		
10	64QAM	25	0	19.32	19.52	19.48	21	3
10	64QAM	25	12	19.18	19.32	19.32		
10	64QAM	25	25	19.34	19.36	19.26		
10	64QAM	50	0	19.22	19.35	19.23		
10	256QAM	1	0	17.63	17.75	17.80	19	5
10	256QAM	1	25	17.58	17.60	17.61		
10	256QAM	1	49	17.62	17.54	17.59		
10	256QAM	25	0	17.40	17.52	17.37	19	5
10	256QAM	25	12	17.61	17.40	17.59		
10	256QAM	25	25	17.27	17.41	17.16		
10	256QAM	50	0	17.20	17.41	17.25		
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.86	22.84	22.77	24	0
5	QPSK	1	12	22.51	22.48	22.42		
5	QPSK	1	24	22.38	22.36	22.49		
5	QPSK	12	0	21.36	21.50	21.35	23	1
5	QPSK	12	7	21.02	21.25	21.31		
5	QPSK	12	13	21.27	21.34	21.41		
5	QPSK	25	0	21.23	21.38	21.33		
5	16QAM	1	0	21.51	21.64	21.50	23	1
5	16QAM	1	12	21.43	21.59	21.41		
5	16QAM	1	24	21.30	21.47	21.45		
5	16QAM	12	0	20.23	20.44	20.32	22	2
5	16QAM	12	7	20.20	20.27	20.17		
5	16QAM	12	13	20.24	20.27	20.05		
5	16QAM	25	0	20.14	20.34	20.34		
5	64QAM	1	0	20.35	20.47	20.56	22	2
5	64QAM	1	12	20.55	20.51	20.54		
5	64QAM	1	24	20.26	20.38	20.18		
5	64QAM	12	0	19.19	19.35	19.35	21	3
5	64QAM	12	7	19.09	19.21	19.20		
5	64QAM	12	13	19.20	19.29	19.22		
5	64QAM	25	0	19.17	19.22	19.12		
5	256QAM	1	0	17.58	17.68	17.64	19	5
5	256QAM	1	12	17.43	17.57	17.54		
5	256QAM	1	24	17.56	17.48	17.52		
5	256QAM	12	0	17.27	17.39	17.24	19	5
5	256QAM	12	7	17.58	17.32	17.53		
5	256QAM	12	13	17.14	17.29	17.12		
5	256QAM	25	0	17.07	17.35	17.19		

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BW [MHz]	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	2596	2610		
20	QPSK	1	0	22.86	22.94	22.91	24	0
20	QPSK	1	49	22.56	22.68	22.58		
20	QPSK	1	99	22.71	22.78	22.62		
20	QPSK	50	0	21.68	21.84	21.65	23	1
20	QPSK	50	24	21.57	21.60	21.53		
20	QPSK	50	50	21.51	21.68	21.54		
20	QPSK	100	0	21.75	21.82	21.71		
20	16QAM	1	0	21.70	21.67	21.65	23	1
20	16QAM	1	49	21.55	21.65	21.62		
20	16QAM	1	99	21.48	21.61	21.51		
20	16QAM	50	0	20.71	20.74	20.66	22	2
20	16QAM	50	24	20.53	20.61	20.53		
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56	22	2
20	64QAM	1	49	20.44	20.47	20.50		
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67	21	3
20	64QAM	50	24	19.69	19.71	19.62		
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60	19	5
20	256QAM	1	49	17.56	17.66	17.63		
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67	19	5
20	256QAM	50	24	17.60	17.81	17.58		
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.79	22.88	22.78	24	0
15	QPSK	1	37	22.50	22.62	22.47		
15	QPSK	1	74	22.59	22.73	22.55		
15	QPSK	36	0	21.58	21.75	21.52	23	1
15	QPSK	36	20	21.41	21.52	21.47		
15	QPSK	36	39	21.47	21.62	21.44		
15	QPSK	75	0	21.60	21.72	21.65		
15	16QAM	1	0	21.54	21.55	21.52	23	1
15	16QAM	1	37	21.43	21.48	21.51		
15	16QAM	1	74	21.40	21.49	21.44		
15	16QAM	36	0	20.56	20.66	20.51	22	2
15	16QAM	36	20	20.39	20.50	20.48		
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44	22	2
15	64QAM	1	37	20.40	20.41	20.38		
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61	21	3
15	64QAM	36	20	19.55	19.62	19.54		
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51	19	5
15	256QAM	1	37	17.39	17.52	17.52		
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62	19	5
15	256QAM	36	20	17.56	17.65	17.47		
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	22.79	22.82	22.87	24	0
10	QPSK	1	25	22.48	22.57	22.42		
10	QPSK	1	49	22.62	22.64	22.55		
10	QPSK	25	0	21.62	21.72	21.57	23	1
10	QPSK	25	12	21.44	21.51	21.53		
10	QPSK	25	25	21.45	21.63	21.46		
10	QPSK	50	0	21.61	21.78	21.64		
10	16QAM	1	0	21.61	21.58	21.49	23	1
10	16QAM	1	25	21.51	21.54	21.50		
10	16QAM	1	49	21.34	21.54	21.35		
10	16QAM	25	0	20.56	20.59	20.50	22	2
10	16QAM	25	12	20.37	20.52	20.37		
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52	22	2
10	64QAM	1	25	20.38	20.32	20.43		
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58	21	3
10	64QAM	25	12	19.55	19.54	19.58		
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45	19	5
10	256QAM	1	25	17.50	17.55	17.53		
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60	19	5
10	256QAM	25	12	17.48	17.77	17.43		
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	22.80	22.79	22.77	24	0
5	QPSK	1	12	22.42	22.59	22.52		
5	QPSK	1	24	22.67	22.65	22.57		
5	QPSK	12	0	21.63	21.71	21.54	23	1
5	QPSK	12	7	21.47	21.55	21.58		
5	QPSK	12	13	21.45	21.55	21.44		
5	QPSK	25	0	21.70	21.73	21.62		
5	16QAM	1	0	21.60	21.54	21.48	23	1
5	16QAM	1	12	21.42	21.58	21.49		
5	16QAM	1	24	21.37	21.56	21.41		
5	16QAM	12	0	20.65	20.64	20.54	22	2
5	16QAM	12	7	20.40	20.51	20.41		
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43	22	2
5	64QAM	1	12	20.32	20.36	20.43		
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59	21	3
5	64QAM	12	7	19.56	19.60	19.52		
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51	19	5
5	256QAM	1	12	17.49	17.50	17.49		
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51	19	5
5	256QAM	12	7	17.43	17.76	17.45		
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

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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	22.87	22.85	22.97	22.91	22.90	24	0
20	QPSK	1	49	22.64	22.60	22.57	22.62	22.54		
20	QPSK	1	99	22.65	22.65	22.77	22.81	22.62		
20	QPSK	50	0	21.64	21.61	21.81	21.77	21.72	23	1
20	QPSK	50	24	21.57	21.57	21.61	21.59	21.66		
20	QPSK	50	50	21.55	21.58	21.52	21.73	21.50		
20	QPSK	100	0	21.66	21.78	21.80	21.77	21.67		
20	16QAM	1	0	21.71	21.59	21.69	21.60	21.64	23	1
20	16QAM	1	49	21.67	21.59	21.60	21.69	21.55		
20	16QAM	1	99	21.55	21.52	21.44	21.63	21.56		
20	16QAM	50	0	20.67	20.63	20.77	20.81	20.69	22	2
20	16QAM	50	24	20.59	20.56	20.46	20.58	20.57		
20	16QAM	50	50	20.63	20.65	20.47	20.64	20.55		
20	16QAM	100	0	20.46	20.51	20.62	20.71	20.52		
20	64QAM	1	0	20.52	20.54	20.65	20.61	20.57	22	2
20	64QAM	1	49	20.51	20.49	20.45	20.52	20.47		
20	64QAM	1	99	20.47	20.49	20.48	20.54	20.53		
20	64QAM	50	0	19.63	19.62	19.75	19.78	19.70	21	3
20	64QAM	50	24	19.64	19.68	19.69	19.78	19.60		
20	64QAM	50	50	19.49	19.57	19.57	19.71	19.53		
20	64QAM	100	0	19.57	19.52	19.49	19.71	19.64		
20	256QAM	1	0	17.58	17.63	17.62	17.73	17.62	19	5
20	256QAM	1	49	17.64	17.61	17.53	17.73	17.68		
20	256QAM	1	99	17.55	17.63	17.61	17.72	17.55		
20	256QAM	50	0	17.65	17.67	17.66	17.74	17.64	19	5
20	256QAM	50	24	17.57	17.57	17.56	17.88	17.52		
20	256QAM	50	50	17.47	17.58	17.47	17.69	17.52		
20	256QAM	100	0	17.66	17.58	17.62	17.76	17.69		
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	22.83	22.76	22.81	22.80	22.54	24	0
15	QPSK	1	37	22.50	22.55	22.54	22.46	22.46		
15	QPSK	1	74	22.53	22.61	22.62	22.76	22.50		
15	QPSK	36	0	21.57	21.55	21.70	21.71	21.64	23	1
15	QPSK	36	20	21.44	21.54	21.45	21.48	21.59		
15	QPSK	36	39	21.43	21.54	21.43	21.62	21.42		
15	QPSK	75	0	21.56	21.75	21.67	21.65	21.61		
15	16QAM	1	0	21.62	21.45	21.61	21.51	21.49	23	1
15	16QAM	1	37	21.57	21.50	21.55	21.63	21.49		
15	16QAM	1	74	21.51	21.45	21.34	21.50	21.41		
15	16QAM	36	0	20.54	20.51	20.64	20.74	20.63	22	2
15	16QAM	36	20	20.56	20.51	20.41	20.49	20.43		
15	16QAM	36	39	20.46	20.61	20.41	20.58	20.44		
15	16QAM	75	0	20.39	20.44	20.57	20.67	20.46		
15	64QAM	1	0	20.40	20.45	20.58	20.55	20.50	22	2
15	64QAM	1	37	20.36	20.32	20.38	20.43	20.36		
15	64QAM	1	74	20.37	20.45	20.33	20.42	20.44		
15	64QAM	36	0	19.48	19.46	19.59	19.70	19.60	21	3
15	64QAM	36	20	19.48	19.59	19.52	19.67	19.51		
15	64QAM	36	39	19.46	19.48	19.41	19.58	19.48		
15	64QAM	75	0	19.54	19.36	19.45	19.60	19.52		
15	256QAM	1	0	17.48	17.56	17.59	17.62	17.49	19	5
15	256QAM	1	37	17.56	17.55	17.38	17.56	17.54		
15	256QAM	1	74	17.48	17.55	17.44	17.60	17.49		
15	256QAM	36	0	17.58	17.52	17.52	17.59	17.53	19	5
15	256QAM	36	20	17.47	17.47	17.50	17.72	17.37		
15	256QAM	36	39	17.36	17.51	17.42	17.63	17.39		
15	256QAM	75	0	17.62	17.53	17.49	17.62	17.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.82	22.76	22.82	22.86	22.77	24	0
10	QPSK	1	25	22.55	22.56	22.40	22.46	22.48		
10	QPSK	1	49	22.50	22.49	22.71	22.72	22.51		
10	QPSK	25	0	21.60	21.52	21.73	21.65	21.66	23	1
10	QPSK	25	12	21.50	21.64	21.44	21.51	21.55		
10	QPSK	25	25	21.47	21.52	21.39	21.67	21.37		
10	QPSK	50	0	21.49	21.69	21.66	21.66	21.51		
10	16QAM	1	0	21.54	21.48	21.58	21.56	21.54	23	1
10	16QAM	1	25	21.62	21.46	21.46	21.65	21.49		
10	16QAM	1	49	21.48	21.44	21.29	21.49	21.39		
10	16QAM	25	0	20.63	20.47	20.71	20.75	20.63	22	2
10	16QAM	25	12	20.53	20.42	20.38	20.54	20.42		
10	16QAM	25	25	20.48	20.61	20.36	20.55	20.40		
10	16QAM	50	0	20.32	20.38	20.58	20.60	20.37		
10	64QAM	1	0	20.44	20.41	20.55	20.48	20.46	22	2
10	64QAM	1	25	20.47	20.43	20.42	20.49	20.40		
10	64QAM	1	49	20.40	20.35	20.33	20.43	20.37		
10	64QAM	25	0	19.53	19.49	19.67	19.74	19.57	21	3
10	64QAM	25	12	19.48	19.54	19.64	19.62	19.51		
10	64QAM	25	25	19.39	19.40	19.40	19.56	19.43		
10	64QAM	50	0	19.43	19.40	19.42	19.58	19.48		
10	256QAM	1	0	17.52	17.55	17.50	17.58	17.48	19	5
10	256QAM	1	25	17.50	17.52	17.50	17.61	17.56		
10	256QAM	1	49	17.43	17.53	17.51	17.64	17.45		
10	256QAM	25	0	17.51	17.53	17.52	17.63	17.60	19	5
10	256QAM	25	12	17.53	17.50	17.40	17.79	17.39		
10	256QAM	25	25	17.43	17.54	17.37	17.61	17.45		
10	256QAM	50	0	17.57	17.49	17.47	17.59	17.61		
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	22.81	22.69	22.93	22.78	22.74	24	0
5	QPSK	1	12	22.57	22.52	22.53	22.48	22.46		
5	QPSK	1	24	22.61	22.58	22.66	22.70	22.47		
5	QPSK	12	0	21.50	21.52	21.73	21.65	21.64	23	1
5	QPSK	12	7	21.53	21.51	21.53	21.44	21.53		
5	QPSK	12	13	21.49	21.46	21.38	21.60	21.38		
5	QPSK	25	0	21.61	21.74	21.67	21.64	21.55		
5	16QAM	1	0	21.62	21.55	21.54	21.49	21.57	23	1
5	16QAM	1	12	21.52	21.56	21.48	21.61	21.42		
5	16QAM	1	24	21.52	21.37	21.27	21.52	21.40		
5	16QAM	12	0	20.51	20.56	20.63	20.73	20.61	22	2
5	16QAM	12	7	20.44	20.50	20.32	20.42	20.49		
5	16QAM	12	13	20.46	20.49	20.35	20.59	20.45		
5	16QAM	25	0	20.42	20.35	20.58	20.55	20.42		
5	64QAM	1	0	20.45	20.41	20.50	20.46	20.51	22	2
5	64QAM	1	12	20.37	20.45	20.41	20.46	20.33		
5	64QAM	1	24	20.32	20.40	20.39	20.41	20.39		
5	64QAM	12	0	19.53	19.51	19.69	19.64	19.55	21	3
5	64QAM	12	7	19.51	19.52	19.62	19.73	19.43		
5	64QAM	12	13	19.39	19.53	19.48	19.55	19.38		
5	64QAM	25	0	19.40	19.49	19.39	19.60	19.50		
5	256QAM	1	0	17.55	17.47	17.57	17.65	17.50	19	5
5	256QAM	1	12	17.60	17.56	17.41	17.61	17.61		
5	256QAM	1	24	17.48	17.47	17.49	17.60	17.41		
5	256QAM	12	0	17.56	17.54	17.54	17.59	17.50	19	5
5	256QAM	12	7	17.45	17.48	17.53	17.78	17.43		
5	256QAM	12	13	17.35	17.47	17.31	17.59	17.42		
5	256QAM	25	0	17.58	17.49	17.50	17.61	17.57		

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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	25.68	25.73	25.55	25.76	25.82	27	0
20	QPSK	1	49	25.71	25.71	25.79	25.74	25.64		
20	QPSK	1	99	25.73	25.81	25.81	25.77	25.77		
20	QPSK	50	0	24.64	24.73	24.77	24.65	24.67	26	1
20	QPSK	50	24	24.58	24.59	24.66	24.53	24.67		
20	QPSK	50	50	24.52	24.61	24.63	24.51	24.66		
20	QPSK	100	0	24.65	24.67	24.71	24.66	24.61		
20	16QAM	1	0	24.99	24.94	25.01	24.86	24.98	26	1
20	16QAM	1	49	24.82	24.96	24.93	24.86	24.90		
20	16QAM	1	99	24.91	24.75	24.87	24.73	24.75		
20	16QAM	50	0	23.65	23.58	23.73	23.63	23.73	25	2
20	16QAM	50	24	23.69	23.62	23.76	23.71	23.63		
20	16QAM	50	50	23.73	23.60	23.71	23.68	23.67		
20	16QAM	100	0	23.61	23.72	23.73	23.67	23.71		
20	64QAM	1	0	23.60	23.73	23.68	23.58	23.70	25	2
20	64QAM	1	49	23.50	23.60	23.59	23.61	23.59		
20	64QAM	1	99	23.72	23.74	23.74	23.71	23.63		
20	64QAM	50	0	22.36	22.30	22.36	22.40	22.38	24	3
20	64QAM	50	24	22.20	22.19	22.27	22.14	22.28		
20	64QAM	50	50	22.46	22.45	22.43	22.30	22.36		
20	64QAM	100	0	22.40	22.38	22.48	22.38	22.42		
20	256QAM	1	0	20.71	20.60	20.68	20.65	20.59	22	5
20	256QAM	1	49	20.73	20.70	20.81	20.69	20.74		
20	256QAM	1	99	20.71	20.67	20.75	20.73	20.68		
20	256QAM	50	0	20.68	20.78	20.81	20.78	20.71	22	5
20	256QAM	50	24	20.66	20.60	20.73	20.75	20.77		
20	256QAM	50	50	20.59	20.67	20.68	20.68	20.64		
20	256QAM	100	0	20.77	20.66	20.78	20.68	20.64		
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	25.53	25.62	25.72	25.71	25.74	27	0
15	QPSK	1	37	25.52	25.57	25.72	25.60	25.48		
15	QPSK	1	74	25.63	25.69	25.80	25.63	25.59		
15	QPSK	36	0	24.57	24.59	24.77	24.53	24.61	26	1
15	QPSK	36	20	24.40	24.47	24.65	24.37	24.57		
15	QPSK	36	39	24.48	24.58	24.61	24.46	24.64		
15	QPSK	75	0	24.46	24.50	24.71	24.62	24.46		
15	16QAM	1	0	24.84	24.80	24.96	24.77	24.89	26	1
15	16QAM	1	37	24.65	24.87	24.82	24.82	24.82		
15	16QAM	1	74	24.78	24.60	24.75	24.61	24.65		
15	16QAM	36	0	23.57	23.52	23.58	23.56	23.64	25	2
15	16QAM	36	20	23.57	23.50	23.64	23.63	23.48		
15	16QAM	36	39	23.60	23.45	23.67	23.51	23.49		
15	16QAM	75	0	23.52	23.70	23.70	23.53	23.59		
15	64QAM	1	0	23.45	23.73	23.52	23.56	23.69	25	2
15	64QAM	1	37	23.40	23.56	23.52	23.56	23.56		
15	64QAM	1	74	23.54	23.68	23.62	23.54	23.48		
15	64QAM	36	0	22.27	22.16	22.28	22.23	22.23	24	3
15	64QAM	36	20	22.08	22.02	22.20	22.28	22.24		
15	64QAM	36	39	22.30	22.34	22.43	22.14	22.27		
15	64QAM	75	0	22.25	22.37	22.32	22.31	22.38		
15	256QAM	1	0	20.61	20.48	20.64	20.56	20.40	22	5
15	256QAM	1	37	20.69	20.66	20.76	20.55	20.55		
15	256QAM	1	74	20.70	20.60	20.68	20.72	20.53		
15	256QAM	36	0	20.52	20.63	20.63	20.70	20.62	22	5
15	256QAM	36	20	20.52	20.52	20.61	20.70	20.67		
15	256QAM	36	39	20.51	20.61	20.52	20.49	20.50		
15	256QAM	75	0	20.71	20.47	20.69	20.47	20.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.65	25.61	25.71	25.68	25.63	27	0
10	QPSK	1	25	25.66	25.57	25.75	25.56	25.63		
10	QPSK	1	49	25.63	25.71	25.76	25.73	25.63		
10	QPSK	25	0	24.57	24.61	24.76	24.59	24.57	26	1
10	QPSK	25	12	24.53	24.52	24.51	24.41	24.55		
10	QPSK	25	25	24.47	24.50	24.44	24.45	24.59		
10	QPSK	50	0	24.65	24.67	24.56	24.56	24.44		
10	16QAM	1	0	24.92	24.83	24.86	24.70	24.94	26	1
10	16QAM	1	25	24.78	24.79	24.83	24.73	24.80		
10	16QAM	1	49	24.83	24.61	24.82	24.62	24.67		
10	16QAM	25	0	23.45	23.38	23.68	23.46	23.67	25	2
10	16QAM	25	12	23.61	23.43	23.75	23.58	23.45		
10	16QAM	25	25	23.68	23.54	23.57	23.60	23.62		
10	16QAM	50	0	23.56	23.56	23.60	23.53	23.59		
10	64QAM	1	0	23.54	23.72	23.63	23.44	23.67	25	2
10	64QAM	1	25	23.40	23.58	23.50	23.41	23.39		
10	64QAM	1	49	23.68	23.57	23.56	23.57	23.57		
10	64QAM	25	0	22.27	22.29

Band 2 Ant 4 DSI2

BW [MHz]	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	15.72	15.80	15.78	16.5	0
20	QPSK	1	49	15.72	15.78	15.59		
20	QPSK	1	99	15.65	15.54	15.67		
20	QPSK	50	0	15.73	15.77	15.69		
20	QPSK	50	24	15.55	15.50	15.55	16.5	0
20	QPSK	50	50	15.58	15.65	15.67		
20	QPSK	100	0	15.63	15.72	15.67		
20	16QAM	1	0	15.72	15.72	15.61		
20	16QAM	1	49	15.70	15.55	15.63	16.5	0
20	16QAM	1	99	15.55	15.61	15.64		
20	16QAM	50	0	15.55	15.53	15.67		
20	16QAM	50	24	15.64	15.63	15.73	16.5	0
20	16QAM	50	50	15.65	15.62	15.65		
20	16QAM	100	0	15.65	15.60	15.58		
20	64QAM	1	0	15.64	15.62	15.58		
20	64QAM	1	49	15.53	15.62	15.55	16.5	0
20	64QAM	1	99	15.68	15.72	15.73		
20	64QAM	50	0	15.69	15.58	15.59		
20	64QAM	50	24	15.72	15.69	15.70	16.5	0
20	64QAM	50	50	15.66	15.77	15.65		
20	64QAM	100	0	15.56	15.68	15.61		
20	256QAM	1	0	15.69	15.69	15.74		
20	256QAM	1	49	15.59	15.75	15.54		
20	256QAM	1	99	15.53	15.41	15.54		
20	256QAM	50	0	15.67	15.68	15.54		
20	256QAM	50	24	15.40	15.43	15.53	16.5	0
20	256QAM	50	50	15.45	15.55	15.55		
20	256QAM	100	0	15.57	15.58	15.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.36	15.46	15.52	16.5	0
15	QPSK	1	37	15.45	15.53	15.45		
15	QPSK	1	74	15.34	15.23	15.36		
15	QPSK	36	0	15.41	15.45	15.42		
15	QPSK	36	20	15.27	15.22	15.31		
15	QPSK	36	39	15.22	15.34	15.38		
15	QPSK	75	0	15.35	15.39	15.29		
15	16QAM	1	0	15.46	15.36	15.29		
15	16QAM	1	37	15.39	15.25	15.32	16.5	0
15	16QAM	1	74	15.25	15.33	15.33		
15	16QAM	36	0	15.27	15.22	15.21		
15	16QAM	36	20	15.40	15.32	15.43		
15	16QAM	36	39	15.34	15.30	15.39	16.5	0
15	16QAM	75	0	15.38	15.29	15.34		
15	64QAM	1	0	15.30	15.33	15.28		
15	64QAM	1	37	15.24	15.33	15.28	16.5	0
15	64QAM	1	74	15.44	15.43	15.42		
15	64QAM	36	0	15.44	15.31	15.27		
15	64QAM	36	20	15.46	15.45	15.39	16.5	0
15	64QAM	36	39	15.33	15.52	15.38		
15	64QAM	75	0	15.24	15.33	15.36		
15	256QAM	1	0	15.49	15.51	15.55		
15	256QAM	1	37	15.42	15.48	15.35	16.5	0
15	256QAM	1	74	15.40	15.31	15.32		
15	256QAM	36	0	15.48	15.51	15.33		
15	256QAM	36	20	15.23	15.21	15.31	16.5	0
15	256QAM	36	39	15.22	15.36	15.33		
15	256QAM	75	0	15.32	15.41	15.26		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.37	15.50	15.51	16.5	0
10	QPSK	1	25	15.48	15.47	15.27		
10	QPSK	1	49	15.37	15.20	15.40		
10	QPSK	25	0	15.42	15.43	15.42		
10	QPSK	25	12	15.21	15.23	15.27	16.5	0
10	QPSK	25	25	15.34	15.38	15.34		
10	QPSK	50	0	15.27	15.45	15.21		
10	16QAM	1	0	15.46	15.45	15.29		
10	16QAM	1	25	15.41	15.19	15.34	16.5	0
10	16QAM	1	49	15.24	15.35	15.18		
10	16QAM	25	0	15.30	15.28	15.32		
10	16QAM	25	12	15.30	15.36	15.39	16.5	0
10	16QAM	25	25	15.31	15.34	15.32		
10	16QAM	50	0	15.31	15.33	15.34		
10	64QAM	1	0	15.37	15.33	15.28		
10	64QAM	1	25	15.20	15.29	15.20	16.5	0
10	64QAM	1	49	15.41	15.41	15.47		
10	64QAM	25	0	15.44	15.27	15.29		
10	64QAM	25	12	15.40	15.40	15.39	16.5	0
10	64QAM	25	25	15.41	15.51	15.33		
10	64QAM	50	0	15.22	15.35	15.30		
10	256QAM	1	0	15.46	15.54	15.47		
10	256QAM	1	25	15.42	15.47	15.29	16.5	0
10	256QAM	1	49	15.38	15.25	15.42		
10	256QAM	25	0	15.37	15.50	15.32		
10	256QAM	25	12	15.18	15.25	15.27	16.5	0
10	256QAM	25	25	15.31	15.36	15.40		
10	256QAM	50	0	15.36	15.49	15.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.42	15.52	15.48	16.5	0
5	QPSK	1	12	15.47	15.46	15.28		
5	QPSK	1	24	15.38	15.22	15.42		
5	QPSK	12	0	15.48	15.52	15.44		
5	QPSK	12	7	15.31	15.24	15.29	16.5	0
5	QPSK	12	13	15.24	15.37	15.38		
5	QPSK	25	0	15.35	15.45	15.25		
5	16QAM	1	0	15.38	15.41	15.33		
5	16QAM	1	12	15.40	15.20	15.27	16.5	0
5	16QAM	1	24	15.25	15.30	15.35		
5	16QAM	12	0	15.27	15.19	15.26		
5	16QAM	12	7	15.31	15.37	15.48	16.5	0
5	16QAM	12	13	15.41	15.24	15.29		
5	16QAM	25	0	15.34	15.30	15.29		
5	64QAM	1	0	15.39	15.33	15.24		
5	64QAM	1	12	15.25	15.26	15.30	16.5	0
5	64QAM	1	24	15.39	15.47	15.37		
5	64QAM	12	0	15.44	15.28	15.27		
5	64QAM	12	7	15.43	15.33	15.37	16.5	0
5	64QAM	12	13	15.39	15.42	15.33		
5	64QAM	25	0	15.26	15.44	15.33		
5	256QAM	1	0	15.46	15.42	15.49		
5	256QAM	1	12	15.38	15.50	15.24	16.5	0
5	256QAM	1	24	15.37	15.29	15.30		
5	256QAM	12	0	15.46	15.41	15.35		
5	256QAM	12	7	15.19	15.12	15.24	16.5	0
5	256QAM	12	13	15.22	15.35	15.29		
5	256QAM	25	0	15.29	15.36	15.33		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.42	15.49	15.53	16.5	0
3	QPSK	1	8	15.48	15.45	15.26		
3	QPSK	1	14	15.35	15.20	15.42		
3	QPSK	8	0	15.48	15.46	15.39		
3	QPSK	8	4	15.23	15.17	15.21	16.5	0
3	QPSK	8	7	15.23	15.30	15.31		
3	QPSK	15	0	15.31	15.37	15.32		
3	16QAM	1	0	15.41	15.45	15.38		
3	16QAM	1	8	15.39	15.26	15.32	16.5	0
3	16QAM	1	14	15.22	15.33	15.34		
3	16QAM	8	0	15.20	15.18	15.22		
3	16QAM	8	4	15.35	15.31	15.40	16.5	0
3	16QAM	8	7	15.40	15.30	15.33		
3	16QAM	15	0	15.32	15.35	15.32		
3	64QAM	1	0	15.35	15.30	15.32		
3	64QAM	1	8	15.21	15.29	15.31	16.5	0
3	64QAM	1	14	15.38	15.45	15.39		
3	64QAM	8	0	15.33	15.28	15.31		
3	64QAM	8	4	15.47	15.38	15.34	16.5	0
3	64QAM	8	7	15.36	15.52	15.40		
3	64QAM	15	0	15.23	15.41	15.29		
3	256QAM	1	0	15.37	15.45	15.41		
3	256QAM	1	8	15.39	15.40	15.26	16.5	0
3	256QAM	1	14	15.37	15.21	15.43		
3	256QAM	8	0	15.48	15.51	15.41		
3	256QAM	8	4	15.21	15.23	15.30	16.5	0
3	256QAM	8	7	15.23	15.33	15.32		
3	256QAM	15	0	15.37	15.36	15.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.43	15.52	15.51	16.5	0
1.4	QPSK	1	3	15.40	15.44	15.30		
1.4	QPSK	1	5	15.33	15.18	15.35		
1.4	QPSK	3	0	15.44	15.42	15.34		
1.4	QPSK	3	1	15.23	15.26	15.22		
1.4	QPSK	3	3	15.28	15.38	15.34		
1.4	QPSK	6	0	15.31	15.43	15.31	16.5	0
1.4	16QAM	1	0	15.41	15.47	15.31	16.5	0
1.4	16QAM	1	3	15.39	15.21	15.38		
1.4	16QAM	1	5	15.24	15.29	15.33		
1.4	16QAM	3	0	15.22	15.21	15.28		
1.4	16QAM	3	1	15.30	15.29	15.44		
1.4	16QAM	3	3	15.33	15.38	15.40		
1.4	16QAM	6	0	15.38	15.29	15.27	16.5	0
1.4	64QAM	1	0	15.32	15.30	15.32	16.5	0
1.4	64QAM	1	3	15.18	15.30	15.20		
1.4	64QAM	1	5	15.42	15.42	15.46		
1.4	64QAM	3	0	15.44	15.31	15.26		
1.4	64QAM	3	1	15.45	15.39	15.42		
1.4	64QAM	3	3	15.42	15.44	15.38		
1.4	64QAM	6	0	15.28	15.36	15.32	16.5	0
1.4	256QAM	1	0	15.38	15.52	15.41	16.5	0
1.4	256QAM	1	3	15.42	15.42	15.32		
1.4	256QAM	1	5	15.41	15.25	15.35		
1.4	256QAM	3	0	15.44	15.52	15.43		
1.4	256QAM	3	1	15.28	15.26	15.19		
1.4	256QAM	3	3	15.22	15.39	15.31		
1.4	256QAM	6	0	15.31	15.45	15.22	16.5	0

Band 2 Ant 4 DSI2 sig path: 347

BW [MHz]	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	16.43	16.49	16.40	16.5	0
20	QPSK	1	49	16.38	16.35	16.45		
20	QPSK	1	99	16.38	16.35	16.32		
20	QPSK	50	0	16.42	16.47	16.33		
20	QPSK	50	24	16.35	16.36	16.27	16.5	0
20	QPSK	50	50	16.46	16.34	16.32		
20	QPSK	100	0	16.34	16.45	16.42		
20	16QAM	1	0	16.36	16.40	16.32		
20	16QAM	1	49	16.33	16.34	16.40	16.5	0
20	16QAM	1	99	16.28	16.40	16.41		
20	16QAM	50	0	16.38	16.38	16.32		
20	16QAM	50	24	16.29	16.41	16.39	16.5	0
20	16QAM	50	50	16.33	16.39	16.26		
20	16QAM	100	0	16.33	16.42	16.45		
20	64QAM	1	0	16.36	16.38	16.42		
20	64QAM	1	49	16.32	16.25	16.36	16.5	0
20	64QAM	1	99	16.41	16.38	16.46		
20	64QAM	50	0	16.29	16.37	16.28		
20	64QAM	50	24	16.30	16.31	16.42	16.5	0
20	64QAM	50	50	16.40	16.37	16.39		
20	64QAM	100	0	16.36	16.28	16.37		
20	256QAM	1	0	16.36	16.45	16.35		
20	256QAM	1	49	16.21	16.19	16.35	16.5	0
20	256QAM	1	99	16.30	16.17	16.15		
20	256QAM	50	0	16.28	16.31	16.19		
20	256QAM	50	24	16.29	16.25	16.17	16.5	0
20	256QAM	50	50	16.34	16.30	16.20		
20	256QAM	100	0	16.21	16.34	16.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.15	16.19	16.20	16.5	0
15	QPSK	1	37	16.14	16.06	16.06		
15	QPSK	1	74	16.03	16.03	15.97		
15	QPSK	36	0	16.09	16.25	16.06		
15	QPSK	36	20	16.06	16.03	15.97	16.5	0
15	QPSK	36	39	16.18	16.03	15.98		
15	QPSK	75	0	16.02	16.10	16.20		
15	16QAM	1	0	16.14	16.09	16.11		
15	16QAM	1	37	16.12	15.96	16.02	16.5	0
15	16QAM	1	74	15.96	16.12	16.17		
15	16QAM	36	0	16.01	16.12	16.10		
15	16QAM	36	20	15.95	16.06	16.02	16.5	0
15	16QAM	36	39	15.99	16.06	15.90		
15	16QAM	75	0	15.97	16.06	16.14		
15	64QAM	1	0	15.97	16.03	16.03		
15	64QAM	1	37	15.93	15.89	16.01	16.5	0
15	64QAM	1	74	16.17	16.09	16.08		
15	64QAM	36	0	16.01	16.05	15.94		
15	64QAM	36	20	15.98	15.93	16.16	16.5	0
15	64QAM	36	39	16.12	16.07	16.10		
15	64QAM	75	0	16.14	15.89	16.08		
15	256QAM	1	0	16.12	16.23	16.16		
15	256QAM	1	37	16.15	16.13	16.07	16.5	0
15	256QAM	1	74	16.00	16.13	16.03		
15	256QAM	36	0	16.06	16.24	16.00		
15	256QAM	36	20	16.03	15.98	15.98	16.5	0
15	256QAM	36	39	16.22	16.09	16.09		
15	256QAM	75	0	16.04	16.08	16.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.18	16.19	16.08	16.5	0
10	QPSK	1	25	16.16	16.09	16.23		
10	QPSK	1	49	16.08	16.05	15.98		
10	QPSK	25	0	16.07	16.27	16.02		
10	QPSK	25	12	16.04	15.98	15.97	16.5	0
10	QPSK	25	25	16.11	15.98	16.08		
10	QPSK	50	0	16.04	16.20	16.18		
10	16QAM	1	0	16.15	16.11	15.97		
10	16QAM	1	25	16.08	16.05	16.02	16.5	0
10	16QAM	1	49	16.02	16.05	16.07		
10	16QAM	25	0	16.17	15.98	16.09		
10	16QAM	25	12	15.96	16.06	16.07	16.5	0
10	16QAM	25	25	16.11	15.99	15.86		
10	16QAM	50	0	15.95	16.12	16.12		
10	64QAM	1	0	16.02	16.05	16.17		
10	64QAM	1	25	15.92	15.88	16.03	16.5	0
10	64QAM	1	49	16.07	16.15	16.07		
10	64QAM	25	0	16.01	16.04	15.96		
10	64QAM	25	12	16.06	16.10	16.20	16.5	0
10	64QAM	25	25	16.17	15.99	16.10		
10	64QAM	50	0	16.15	15.92	16.09		
10	256QAM	1	0	16.15	16.14	16.06		
10	256QAM	1	25	16.09	16.06	16.21	16.5	0
10	256QAM	1	49	15.95	16.08	16.02		
10	256QAM	25	0	16.19	16.23	15.97		
10	256QAM	25	12	16.01	16.04	15.98	16.5	0
10	256QAM	25	25	16.18	16.09	16.04		
10	256QAM	50	0	15.97	16.19	16.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.03	16.26	16.06	16.5	0
5	QPSK	1	12	15.99	16.03	16.18		
5	QPSK	1	24	16.05	16.01	16.10		
5	QPSK	12	0	16.03	16.07	16.06		
5	QPSK	12	7	16.09	16.16	16.06	16.5	0
5	QPSK	12	13	16.20	15.94	16.04		
5	QPSK	25	0	15.96	16.12	16.05		
5	16QAM	1	0	16.10	16.11	16.04		
5	16QAM	1	12	16.13	16.12	16.18	16.5	0
5	16QAM	1	24	16.08	16.12	16.14		
5	16QAM	12	0	16.11	16.07	16.07		
5	16QAM	12	7	16.08	16.10	16.14	16.5	0
5	16QAM	12	13	16.11	16.04	16.04		
5	16QAM	25	0	16.10	16.09	16.17		
5	64QAM	1	0	16.10	16.01	16.18		
5	64QAM	1	12	15.96	15.93	16.02	16.5	0
5	64QAM	1	24	16.19	16.16	16.26		
5	64QAM	12	0	15.99	16.01	15.91		
5	64QAM	12	7	16.07	16.07	16.16	16.5	0
5	64QAM	12	13	16.07	16.15	16.18		
5	64QAM	25	0	16.05	16.06	16.14		
5	256QAM	1	0	16.13	16.18	16.10		
5	256QAM	1	12	16.06	16.00	16.10	16.5	0
5	256QAM	1	24	16.03	16.10	16.06		
5	256QAM	12	0	16.19	16.14	15.98		
5	256QAM	12	7	16.13	16.04	15.92	16.5	0
5	256QAM	12	13	16.14	16.09	16.02		
5	256QAM	25	0	16.07	16.17	16.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.15	16.22	16.10	16.5	0
3	QPSK	1	8	16.05	16.14	16.22		
3	QPSK	1	14	15.99	16.05	16.02		
3	QPSK	8	0	16.21	16.10	16.01		
3	QPSK	8	4	15.98	16.00	16.04	16.5	0
3	QPSK	8	7	16.22	15.95	16.11		
3	QPSK	15	0	16.13	16.07	16.21		
3	16QAM	1	0	16.11	16.08	16.09		
3	16QAM	1	8	16.06	16.06	16.05	16.5	0
3	16QAM	1	14	15.96	16.06	16.07		
3	16QAM	8	0	16.08	16.03	16.11		
3	16QAM	8	4	16.05	16.06	16.05	16.5	0
3	16QAM	8	7	15.93	16.18	16.04		
3	16QAM	15	0	15.97	16.13	16.18		
3	64QAM	1	0	16.05	16.07	16.12		
3	64QAM	1	8	15.95	16.04	16.12	16.5	0
3	64QAM	1	14	16.21	16.02	16.22		
3	64QAM	8	0	16.03	16.16	15.95		
3	64QAM	8	4	16.00	15.95	16.15	16.5	0
3	64QAM	8	7	16.02	16.16	16.00		
3	64QAM	15	0	16.12	16.06	16.10		
3	256QAM	1	0	16.05	16.11	16.12		
3	256QAM	1	8	16.15	16.09	16.22	16.5	0
3	256QAM	1	14	16.00	15.99	16.01		
3	256QAM	8	0	16.12	16.19	16.05		
3	256QAM	8	4	16.04	16.12	15.96	16.5	0
3	256QAM	8	7	16.22	16.10	16.10		
3	256QAM	15	0	16.08	16.17	16.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.17	16.11	16.04	16.5	0
1.4	QPSK	1	3	16.15	16.03	16.22		
1.4	QPSK	1	5	16.05	16.13	16.01		
1.4	QPSK	3	0	16.06	16.13	16.11		
1.4	QPSK	3	1	16.07	15.97	15.97		
1.4	QPSK	3	3	16.10	15.98	16.06		
1.4	QPSK	6	0	15.97	16.09	16.09	16.5	0
1.4	16QAM	1	0	15.97	16.09	16.10	16.5	0
1.4	16QAM	1	3	16.10	16.01	16.03		
1.4	16QAM	1	5	15.98	16.05	16.04		
1.4	16QAM	3	0	16.15	16.12	16.10		
1.4	16QAM	3	1	16.02	16.04	16.15		
1.4	16QAM	3	3	16.03	16.08	16.04		
1.4	16QAM	6	0	15.97	16.04	16.23	16.5	0
1.4	64QAM	1	0	16.12	15.99	16.13	16.5	0
1.4	64QAM	1	3	15.94	15.91	16.14		
1.4	64QAM	1	5	16.16	16.03	16.08		
1.4	64QAM	3	0	16.03	15.97	16.01		
1.4	64QAM	3	1	16.08	15.93	16.11		
1.4	64QAM	3	3	16.11	16.07	16.07		
1.4	64QAM	6	0	16.00	16.05	15.98	16.5	0
1.4	256QAM	1	0	16.14	16.21	16.11	16.5	0
1.4	256QAM	1	3	16.04	16.09	16.09		
1.4	256QAM	1	5	16.03	16.11	16.00		
1.4	256QAM	3	0	16.10	16.16	16.04		
1.4	256QAM	3	1	16.08	16.04	15.91		
1.4	256QAM	3	3	16.22	16.11	15.99		
1.4	256QAM	6	0	16.02	16.16	16.07	16.5	0

Band 4 Ant 4 DSI2

BW [MHz]	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	17.70	17.72	17.61	18.5	0
20	QPSK	1	49	17.50	17.53	17.54		
20	QPSK	1	99	17.42	17.39	17.53		
20	QPSK	50	0	17.64	17.66	17.65		
20	QPSK	50	24	17.44	17.57	17.59	18.5	0
20	QPSK	50	50	17.58	17.59	17.48		
20	QPSK	100	0	17.48	17.57	17.45		
20	16QAM	1	0	17.59	17.62	17.63		
20	16QAM	1	49	17.53	17.63	17.65	18.5	0
20	16QAM	1	99	17.48	17.

Band 12 Ant 4 DSI2

BW [MHz]	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	22.63	22.69	22.60		
10	QPSK	1	25	22.55	22.57	22.59	23.5	0
10	QPSK	1	49	22.54	22.61	22.62		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	0.5
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	21.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	0.5
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	1.5
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	1.5
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	2.5
10	64QAM	25	25	19.58	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	4.5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	4.5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.33	22.47	22.34		
5	QPSK	1	12	22.20	22.35	22.31	23.5	0
5	QPSK	1	24	22.31	22.29	22.29		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	0.5
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	0.5
5	16QAM	1	24	21.66	21.63	21.38		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	1.5
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	1.5
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.39	19.40	19.52	21	2.5
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.40	17.52	19	4.5
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	4.5
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.32	22.41	22.37		
3	QPSK	1	8	22.31	22.38	22.31	23.5	0
3	QPSK	1	14	22.27	22.31	22.31		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	0.5
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	0.5
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	1.5
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	1.5
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	2.5
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	4.5
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	4.5
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.34	22.44	22.34		
1.4	QPSK	1	3	22.23	22.36	22.33		
1.4	QPSK	1	5	22.29	22.29	22.32	23.5	0
1.4	QPSK	3	0	22.38	22.45	22.34		
1.4	QPSK	3	1	22.24	22.36	22.32		
1.4	QPSK	3	3	22.33	22.36	22.37		
1.4	QPSK	6	0	21.35	21.45	21.43	23	0.5
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	0.5
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	1.5
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	1.5
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	2.5
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	4.5
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	4.5

Band 12 Ant 4 DSI2 sig path: 300

BW [MHz]	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	22.88	22.92	22.85		
10	QPSK	1	25	22.83	22.78	22.90	23.5	0
10	QPSK	1	49	22.78	22.84	22.91		
10	QPSK	25	0	21.85	21.89	21.88		
10	QPSK	25	12	21.83	21.80	21.76	23	0.5
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.87	21.83		
10	16QAM	1	0	21.99	22.03	21.83		
10	16QAM	1	25	22.02	21.92	21.89	23	0.5
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	1.5
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.94	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	1.5
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	2.5
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	4.5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	4.5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.65	22.65	22.58		
5	QPSK	1	12	22.64	22.56	22.68	23.5	0
5	QPSK	1	24	22.56	22.57	22.75		
5	QPSK	12	0	21.79	21.85	21.77		
5	QPSK	12	7	21.78	21.76	21.67	23	0.5
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.96	21.75		
5	16QAM	1	12	21.99	21.87	21.77	23	0.5
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	1.5
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	1.5
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	2.5
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	4.5
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	4.5
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.65	22.64	22.55		
3	QPSK	1	8	22.64	22.59	22.68	23.5	0
3	QPSK	1	14	22.58	22.62	22.70		
3	QPSK	8	0	21.76	21.85	21.85		
3	QPSK	8	4	21.70	21.64	21.63	23	0.5
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	0.5
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	1.5
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	1.5
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	2.5
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	4.5
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	4.5
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.64	22.64	22.61		
1.4	QPSK	1	3	22.53	22.62	22.69		
1.4	QPSK	1	5	22.60	22.66	22.73	23.5	0
1.4	QPSK	3	0	22.64	22.68	22.54		
1.4	QPSK	3	1	22.63	22.63	22.68		
1.4	QPSK	3	3	22.57	22.67	22.67		
1.4	QPSK	6	0	21.60	21.69	21.63	23	0.5
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	0.5
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	1.5
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	1.5
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	2.5
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	4.5
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	4.5

Band 13 Ant 4 DSI2

BW [MHz]	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		22.78			
10	QPSK	1	25		22.65		23.5	0
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72			
10	QPSK	25	12		21.68		23	0.5
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85			
10	16QAM	1	25		21.77		23	0.5
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	1.5
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	1.5
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	2.5
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	4.5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	4.5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.71	22.67		
5	QPSK	1	12	22.61	22.56	22.57	23.5	0
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62		
5	QPSK	12	7	21.61	21.54	21.58	23	0.5
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76		
5	16QAM	1	12	21.63	21.64	21.73	23	0.5
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	1.5
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	1.5
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	2.5
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	4.5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	4.5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI2 sig path: 378

BW [MHz]	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		22.51			
10	QPSK	1	25		22.50		23.5	0
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.45		23	0.5
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69			
10	16QAM	1	25		21.52		23	0.5
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	1.5
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	1.5
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	2.5
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	4.5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	4.5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.45	22.36		
5	QPSK	1	12	22.46	22.39	22.41	23.5	0
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37		
5	QPSK	12	7	21.40	21.39	21.36	23	0.5
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62		
5	16QAM	1	12	21.47	21.42	21.43	23	0.5
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	1.5
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	1.5
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	2.5
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	4.5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	4.5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		23.5	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	0.5
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	0.5
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	1.5
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	2.5
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	4.5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	4.5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	23.5	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	0.5
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	0.5
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	1.5
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	1.5
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	2.5
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	4.5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	4.5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.86	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI2 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		23.5	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	0.5
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	0.5
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	1.5
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	1.5
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	2.5
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	4.5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	4.5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	23.5	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	0.5
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	0.5
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	1.5
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	1.5
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	2.5
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	4.5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	4.5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 17 Ant 4 DSI2

BW [MHz]	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	22.72	22.76	22.73	23.5	0
10	QPSK	1	25	22.70	22.75	22.72		
10	QPSK	1	49	22.69	22.74	22.71		
10	QPSK	25	0	21.74	21.75	21.71	22.5	1
10	QPSK	25	12	21.59	21.68	21.52		
10	QPSK	25	25	21.57	21.62	21.57		
10	QPSK	50	0	21.64	21.73	21.68		
10	16QAM	1	0	21.95	21.87	21.96	22.5	1
10	16QAM	1	25	21.83	21.82	21.75		
10	16QAM	1	49	21.84	21.81	21.84		
10	16QAM	25	0	20.68	20.66	20.66	21.5	2
10	16QAM	25	12	20.52	20.61	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.56	21.5	2
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	20.5	3
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	18.5	5
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.46	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	18.5	5
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.48	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.61	22.60	22.51	23.5	0
5	QPSK	1	12	22.63	22.63	22.49		
5	QPSK	1	24	22.46	22.49	22.48		
5	QPSK	12	0	21.65	21.72	21.65	22.5	1
5	QPSK	12	7	21.49	21.48	21.39		
5	QPSK	12	13	21.46	21.57	21.55		
5	QPSK	25	0	21.57	21.59	21.50		
5	16QAM	1	0	21.86	21.85	21.95	22.5	1
5	16QAM	1	12	21.70	21.64	21.61		
5	16QAM	1	24	21.71	21.74	21.79		
5	16QAM	12	0	20.67	20.52	20.55	21.5	2
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.44	20.45		
5	64QAM	1	0	20.31	20.47	20.44	21.5	2
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	20.5	3
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	18.5	5
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	18.5	5
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.46	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

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BW [MHz]	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	15.83	15.89	15.87	16.5	0
20	QPSK	1	49	15.68	15.77	15.83		
20	QPSK	1	99	15.58	15.69	15.67		
20	QPSK	50	0	15.82	15.85	15.74		
20	QPSK	50	24	15.79	15.65	15.82		
20	QPSK	50	50	15.63	15.84	15.84		
20	QPSK	100	0	15.74	15.79	15.71		
20	16QAM	1	0	15.80	15.75	15.73	16.5	0
20	16QAM	1	49	15.82	15.69	15.72		
20	16QAM	1	99	15.76	15.71	15.69		
20	16QAM	50	0	15.62	15.75	15.76	16.5	0
20	16QAM	50	24	15.76	15.63	15.88		
20	16QAM	50	50	15.75	15.75	15.78		
20	16QAM	100	0	15.73	15.80	15.66		
20	64QAM	1	0	15.73	15.70	15.79	16.5	0
20	64QAM	1	49	15.72	15.83	15.64		
20	64QAM	1	99	15.61	15.68	15.80		
20	64QAM	50	0	15.77	15.74	15.62		
20	64QAM	50	24	15.86	15.61	15.68		
20	64QAM	50	50	15.78	15.74	15.70		
20	64QAM	100	0	15.70	15.85	15.76		
20	256QAM	1	0	15.69	15.85	15.72	16.5	0
20	256QAM	1	49	15.57	15.70	15.72		
20	256QAM	1	99	15.51	15.66	15.56		
20	256QAM	50	0	15.68	15.77	15.70	16.5	0
20	256QAM	50	24	15.62	15.52	15.79		
20	256QAM	50	50	15.59	15.74	15.70		
20	256QAM	100	0	15.71	15.76	15.61		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.56	15.56	15.59	16.5	0
15	QPSK	1	37	15.35	15.45	15.47		
15	QPSK	1	74	15.23	15.40	15.37		
15	QPSK	36	0	15.58	15.59	15.45	16.5	0
15	QPSK	36	20	15.49	15.32	15.53		
15	QPSK	36	39	15.29	15.56	15.52		
15	QPSK	75	0	15.44	15.52	15.43		
15	16QAM	1	0	15.52	15.43	15.44	16.5	0
15	16QAM	1	37	15.53	15.45	15.41		
15	16QAM	1	74	15.48	15.46	15.41		
15	16QAM	36	0	15.34	15.49	15.48	16.5	0
15	16QAM	36	20	15.47	15.32	15.57		
15	16QAM	36	39	15.39	15.48	15.53		
15	16QAM	75	0	15.45	15.46	15.34		
15	64QAM	1	0	15.38	15.34	15.48	16.5	0
15	64QAM	1	37	15.39	15.51	15.33		
15	64QAM	1	74	15.34	15.37	15.55		
15	64QAM	36	0	15.43	15.38	15.36	16.5	0
15	64QAM	36	20	15.59	15.28	15.49		
15	64QAM	36	39	15.46	15.38	15.40		
15	64QAM	75	0	15.45	15.59	15.40		
15	256QAM	1	0	15.60	15.56	15.59	16.5	0
15	256QAM	1	37	15.33	15.40	15.57		
15	256QAM	1	74	15.21	15.38	15.43		
15	256QAM	36	0	15.46	15.58	15.48	16.5	0
15	256QAM	36	20	15.44	15.39	15.57		
15	256QAM	36	39	15.32	15.56	15.49		
15	256QAM	75	0	15.40	15.55	15.47		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.55	15.56	15.58	16.5	0
10	QPSK	1	25	15.39	15.49	15.55		
10	QPSK	1	49	15.29	15.41	15.34		
10	QPSK	25	0	15.48	15.52	15.50	16.5	0
10	QPSK	25	12	15.45	15.35	15.46		
10	QPSK	25	25	15.30	15.53	15.52		
10	QPSK	50	0	15.50	15.54	15.40		
10	16QAM	1	0	15.54	15.46	15.40	16.5	0
10	16QAM	1	25	15.49	15.37	15.43		
10	16QAM	1	49	15.41	15.36	15.43		
10	16QAM	25	0	15.29	15.40	15.49	16.5	0
10	16QAM	25	12	15.50	15.29	15.56		
10	16QAM	25	25	15.43	15.48	15.44		
10	16QAM	50	0	15.44	15.46	15.35		
10	64QAM	1	0	15.38	15.41	15.47	16.5	0
10	64QAM	1	25	15.43	15.51	15.35		
10	64QAM	1	49	15.36	15.44	15.46		
10	64QAM	25	0	15.46	15.48	15.27	16.5	0
10	64QAM	25	12	15.61	15.36	15.42		
10	64QAM	25	25	15.51	15.42	15.34		
10	64QAM	50	0	15.41	15.59	15.52		
10	256QAM	1	0	15.61	15.55	15.58	16.5	0
10	256QAM	1	25	15.35	15.44	15.49		
10	256QAM	1	49	15.35	15.43	15.35		
10	256QAM	25	0	15.50	15.49	15.46	16.5	0
10	256QAM	25	12	15.57	15.43	15.54		
10	256QAM	25	25	15.36	15.49	15.47		
10	256QAM	50	0	15.47	15.44	15.46		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.54	15.62	15.62	16.5	0
5	QPSK	1	12	15.38	15.44	15.51		
5	QPSK	1	24	15.33	15.40	15.35		
5	QPSK	12	0	15.56	15.60	15.40	16.5	0
5	QPSK	12	7	15.51	15.33	15.53		
5	QPSK	12	13	15.28	15.53	15.48		
5	QPSK	25	0	15.45	15.47	15.42		
5	16QAM	1	0	15.52	15.40	15.39	16.5	0
5	16QAM	1	12	15.52	15.34	15.44		
5	16QAM	1	24	15.44	15.37	15.36		
5	16QAM	12	0	15.34	15.46	15.46	16.5	0
5	16QAM	12	7	15.48	15.37	15.60		
5	16QAM	12	13	15.43	15.49	15.44		
5	16QAM	25	0	15.43	15.51	15.36		
5	64QAM	1	0	15.48	15.36	15.54	16.5	0
5	64QAM	1	12	15.46	15.57	15.34		
5	64QAM	1	24	15.31	15.36	15.47		
5	64QAM	12	0	15.50	15.47	15.38	16.5	0
5	64QAM	12	7	15.55	15.32	15.33		
5	64QAM	12	13	15.44	15.40	15.37		
5	64QAM	25	0	15.44	15.50	15.48		
5	256QAM	1	0	15.56	15.57	15.59	16.5	0
5	256QAM	1	12	15.40	15.52	15.60		
5	256QAM	1	24	15.30	15.46	15.34		
5	256QAM	12	0	15.58	15.63	15.39	16.5	0
5	256QAM	12	7	15.53	15.40	15.59		
5	256QAM	12	13	15.29	15.47	15.49		
5	256QAM	25	0	15.48	15.55	15.45		
Channel				26035	26340	26695	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.51	15.62	15.57	16.5	0
3	QPSK	1	8	15.43	15.49	15.55		
3	QPSK	1	14	15.30	15.45	15.39		
3	QPSK	8	0	15.47	15.61	15.40	16.5	0
3	QPSK	8	4	15.54	15.36	15.47		
3	QPSK	8	7	15.35	15.52	15.59		
3	QPSK	15	0	15.50	15.44	15.45		
3	16QAM	1	0	15.46	15.44	15.48	16.5	0
3	16QAM	1	8	15.57	15.43	15.45		
3	16QAM	1	14	15.47	15.43	15.38		
3	16QAM	8	0	15.31	15.43	15.52	16.5	0
3	16QAM	8	4	15.43	15.31	15.57		
3	16QAM	8	7	15.43	15.44	15.50		
3	16QAM	15	0	15.40	15.52	15.33		
3	64QAM	1	0	15.39	15.44	15.53	16.5	0
3	64QAM	1	8	15.43	15.51	15.30		
3	64QAM	1	14	15.37	15.43	15.48		
3	64QAM	8	0	15.45	15.47	15.35	16.5	0
3	64QAM	8	4	15.62	15.28	15.42		
3	64QAM	8	7	15.48	15.46	15.35		
3	64QAM	15	0	15.45	15.60	15.48		
3	256QAM	1	0	15.59	15.60	15.58	16.5	0
3	256QAM	1	8	15.45	15.46	15.52		
3	256QAM	1	14	15.26	15.35	15.36		
3	256QAM	8	0	15.45	15.49	15.43	16.5	0
3	256QAM	8	4	15.43	15.34	15.49		
3	256QAM	8	7	15.37	15.47	15.57		
3	256QAM	15	0	15.49	15.42	15.42		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.51	15.53	15.51	16.5	0
1.4	QPSK	1	3	15.37	15.43	15.53		
1.4	QPSK	1	5	15.29	15.44	15.36		
1.4	QPSK	3	0	15.50	15.58	15.49		
1.4	QPSK	3	1	15.51	15.39	15.51		
1.4	QPSK	3	3	15.38	15.51	15.49		
1.4	QPSK	6	0	15.43	15.45	15.39	16.5	0
1.4	16QAM	1	0	15.50	15.49	15.49	16.5	0
1.4	16QAM	1	3	15.49	15.40	15.45		
1.4	16QAM	1	5	15.42	15.42	15.42		
1.4	16QAM	3	0	15.33	15.41	15.45		
1.4	16QAM	3	1	15.49	15.37	15.59		
1.4	16QAM	3	3	15.49	15.46	15.49		
1.4	16QAM	6	0	15.39	15.49	15.38	16.5	0
1.4	64QAM	1	0	15.40	15.37	15.46	16.5	0
1.4	64QAM	1	3	15.42	15.50	15.32		
1.4	64QAM	1	5	15.33	15.38	15.46		
1.4	64QAM	3	0	15.46	15.41	15.35		
1.4	64QAM	3	1	15.52	15.35	15.40		
1.4	64QAM	3	3	15.54	15.50	15.40		
1.4	64QAM	6	0	15.46	15.61	15.43	16.5	0
1.4	256QAM	1	0	15.58	15.66	15.64	16.5	0
1.4	256QAM	1	3	15.31	15.40	15.45		
1.4	256QAM	1	5	15.26	15.39	15.42		
1.4	256QAM	3	0	15.60	15.49	15.36		
1.4	256QAM	3	1	15.50	15.43	15.57		
1.4	256QAM	3	3	15.38	15.54	15.61		
1.4	256QAM	6	0	15.50	15.52	15.43	16.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.25	22.15	23	0
15	QPSK	1	37	21.97	22.15	22.07		
15	QPSK	1	74	21.95	21.98	21.96		
15	QPSK	36	0	22.11	22.15	22.09	23	0
15	QPSK	36	20	22.09	21.98	22.03		
15	QPSK	36	39	22.01	22.02	22.04		
15	QPSK	75	0	22.06	22.13	22.10		
15	16QAM	1	0	22.01	22.09	22.02	23	0
15	16QAM	1	37	21.98	21.98	22.07		
15	16QAM	1	74	21.94	22.07	22.13		
15	16QAM	36	0	20.55	20.57	20.48	22	1
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	1
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	2
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	4
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	4
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.13	22.19	22.00	23	0
10	QPSK	1	25	21.87	22.04	22.02		
10	QPSK	1	49	21.84	21.84	21.85		
10	QPSK	25	0	22.01	22.02	22.00	23	0
10	QPSK	25	12	21.99	21.89	21.92		
10	QPSK	25	25	21.91	21.87	21.91		
10	QPSK	50	0	21.95	21.99	21.99		
10	16QAM	1	0	21.86	21.97	21.90	23	0
10	16QAM	1	25	21.83	21.83	21.91		
10	16QAM	1	49	21.89	21.93	22.07		
10	16QAM	25	0	20.49	20.49	20.36	22	1
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	1
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	2
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	4
10	256QAM	1	25	17.45	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	4
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.14	22.09	23	0
5	QPSK	1	12	21.82	22.06	21.94		
5	QPSK	1	24	21.88	21.93	21.84		
5	QPSK	12	0	22.02	22.09	21.94	23	0
5	QPSK	12	7	21.99	21.91	21.98		
5	QPSK	12	13	21.96	21.93	22.00		
5	QPSK	25	0	21.96	22.04	22.06		
5	16QAM	1	0	21.95	22.04	21.88	23	0
5	16QAM	1	12	21.83	21.92	22.03		
5	16QAM	1	24	21.82	21.93	21.98		
5	16QAM	12	0	20.53	20.56	20.30	22	1
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	1
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	2
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	4
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	4
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.15	22.05	23	0
3	QPSK	1	8	21.91	22.06	21.97		
3	QPSK	1	14	21.83	21.91	21.86		
3	QPSK	8	0	21.98	22.01	21.99	23	0
3	QPSK	8	4	22.01	21.92	21.94		
3	QPSK	8	7	21.85	21.90	21.92		
3	QPSK	15	0	21.98	22.03	21.98		
3	16QAM	1	0	21.86	21.97	21.93	23	0
3	16QAM	1	8	21.91	21.83	22.02		
3	16QAM	1	14	21.86	21.97	22.01		
3	16QAM	8	0	20.38	20.56	20.29	22	1
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	1
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	2
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.26	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	4
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	4
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.12	22.11	22.01	23	0
1.4	QPSK	1	3	21.92	22.07	21.97		
1.4	QPSK	1	5	21.79	21.91	21.81		
1.4	QPSK	3	0	22.12	22.20	22.11		
1.4	QPSK	3	1	21.83	22.03	22.02		
1.4	QPSK	3	3	21.85	21.94	21.91		
1.4	QPSK	6	0	21.98	22.06	21.94	23	0
1.4	16QAM	1	0	22.05	21.99	21.87	23	0
1.4	16QAM	1	3	21.89	21.97	21.88		
1.4	16QAM	1	5	22.00	22.06	21.95		
1.4	16QAM	3	0	21.90	21.97	21.96		
1.4	16QAM	3	1	21.83	21.92	21.99		
1.4	16QAM	3	3	21.81	21.98	22.03		
1.4	16QAM	6	0	20.51	20.46	20.42	22	1
1.4	64QAM	1	0	20.34	20.49	20.37	22	1
1.4	64QAM	1	3	20.33	20.53	20.28		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	2
1.4	256QAM	1	0	17.54	17.55	17.61	19	4
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	4

Band 26 for FCC Ant 4 DSI2 sig path: 320

BW [MHz]	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	22.64	22.70	22.67	23	0
15	QPSK	1	37	22.61	22.57	22.57		
15	QPSK	1	74	22.52	22.53	22.55		
15	QPSK	36	0	21.97	22.05	21.96	23	0
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	0
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	1
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	1
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	2
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	4
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	4
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.54	22.64	22.58	23	0
10	QPSK	1	25	22.46	22.53	22.49		
10	QPSK	1	49	22.48	22.49	22.52		
10	QPSK	25	0	21.90	21.88	21.79	23	0
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	0
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	1
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	1
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	2
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	4
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	4
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.55	22.52	22.66	23	0
5	QPSK	1	12	22.50	22.49	22.55		
5	QPSK	1	24	22.46	22.52	22.49		
5	QPSK	12	0	21.81	22.02	21.81	23	0
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	0
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	1
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	1
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	2
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	4
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	4
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.62	22.61	22.49	23	0
3	QPSK	1	8	22.43	22.44	22.47		
3	QPSK	1	14	22.49	22.52	22.50		
3	QPSK	8	0	21.80	21.95	21.83	23	0
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	0
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	1
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	1
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	2
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	4
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	4
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.47	22.64	22.50	23	0
1.4	QPSK	1	3	22.53	22.51	22.51		
1.4	QPSK	1	5	22.47	22.41	22.38		
1.4	QPSK	3	0	22.63	22.60	22.52		
1.4	QPSK	3	1	22.50	22.46	22.45		
1.4	QPSK	3	3	22.46	22.33	22.54		
1.4	QPSK	6	0	21.91	21.99	21.81	23	0
1.4	16QAM	1	0	21.98	22.00	21.79	23	0
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	1
1.4	64QAM	1	0	20.75	20.66	20.82	22	1
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	2
1.4	256QAM	1	0	17.93	17.97	17.68	19	4
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	4

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BW [MHz]	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	17.72	17.79	17.74		
20	QPSK	1	49	17.64	17.68	17.61	18.5	0
20	QPSK	1	99	17.58	17.53	17.51		
20	QPSK	50	0	17.65	17.77	17.65		
20	QPSK	50	24	17.63	17.57	17.66	18.5	0
20	QPSK	50	50	17.65	17.63	17.74		
20	QPSK	100	0	17.73	17.75	17.58		
20	16QAM	1	0	17.63	17.57	17.59		
20	16QAM	1	49	17.76	17.65	17.65	18.5	0
20	16QAM	1	99	17.58	17.60	17.60		
20	16QAM	50	0	17.68	17.58	17.64		
20	16QAM	50	24	17.57	17.59	17.64	18.5	0
20	16QAM	50	50	17.74	17.64	17.63		
20	16QAM	100	0	17.62	17.62	17.74		
20	64QAM	1	0	17.61	17.67	17.58		
20	64QAM	1	49	17.54	17.76	17.62	18.5	0
20	64QAM	1	99	17.66	17.66	17.70		
20	64QAM	50	0	17.58	17.76	17.70		
20	64QAM	50	24	17.70	17.52	17.70	18.5	0
20	64QAM	50	50	17.52	17.59	17.54		
20	64QAM	100	0	17.69	17.78	17.52		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	0.5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53		
20	256QAM	50	24	16.56	16.72	16.64	18	0.5
20	256QAM	50	50	16.50	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.63	17.73	17.65		
15	QPSK	1	37	17.58	17.62	17.45	18.5	0
15	QPSK	1	74	17.50	17.46	17.45		
15	QPSK	36	0	17.59	17.69	17.53		
15	QPSK	36	20	17.59	17.48	17.50	18.5	0
15	QPSK	36	39	17.56	17.55	17.59		
15	QPSK	75	0	17.58	17.60	17.48		
15	16QAM	1	0	17.53	17.43	17.44		
15	16QAM	1	37	17.65	17.53	17.60	18.5	0
15	16QAM	1	74	17.53	17.49	17.49		
15	16QAM	36	0	17.60	17.46	17.60		
15	16QAM	36	20	17.47	17.53	17.60	18.5	0
15	16QAM	36	39	17.67	17.54	17.57		
15	16QAM	75	0	17.51	17.53	17.65		
15	64QAM	1	0	17.54	17.59	17.49		
15	64QAM	1	37	17.44	17.62	17.50	18.5	0
15	64QAM	1	74	17.52	17.59	17.61		
15	64QAM	36	0	17.42	17.72	17.63		
15	64QAM	36	20	17.56	17.37	17.57	18.5	0
15	64QAM	36	39	17.43	17.48	17.43		
15	64QAM	75	0	17.57	17.70	17.40		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.82	16.66	18	0.5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	0.5
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.61	17.68	17.54		
10	QPSK	1	25	17.48	17.54	17.52	18.5	0
10	QPSK	1	49	17.45	17.42	17.37		
10	QPSK	25	0	17.53	17.70	17.61		
10	QPSK	25	12	17.50	17.51	17.60	18.5	0
10	QPSK	25	25	17.57	17.57	17.61		
10	QPSK	50	0	17.62	17.62	17.47		
10	16QAM	1	0	17.57	17.45	17.48		
10	16QAM	1	25	17.65	17.56	17.55	18.5	0
10	16QAM	1	49	17.47	17.54	17.49		
10	16QAM	25	0	17.54	17.46	17.56		
10	16QAM	25	12	17.49	17.53	17.51	18.5	0
10	16QAM	25	25	17.59	17.59	17.51		
10	16QAM	50	0	17.49	17.54	17.70		
10	64QAM	1	0	17.52	17.58	17.43		
10	64QAM	1	25	17.43	17.60	17.55	18.5	0
10	64QAM	1	49	17.53	17.57	17.60		
10	64QAM	25	0	17.43	17.62	17.57		
10	64QAM	25	12	17.63	17.43	17.64	18.5	0
10	64QAM	25	25	17.41	17.48	17.48		
10	64QAM	50	0	17.60	17.68	17.45		
10	256QAM	1	0	16.52	16.79	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	0.5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	0.5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.56	17.68	17.69		
5	QPSK	1	12	17.57	17.60	17.50	18.5	0
5	QPSK	1	24	17.49	17.43	17.43		
5	QPSK	12	0	17.50	17.72	17.55		
5	QPSK	12	7	17.57	17.52	17.52	18.5	0
5	QPSK	12	13	17.52	17.52	17.69		
5	QPSK	25	0	17.65	17.68	17.44		
5	16QAM	1	0	17.50	17.52	17.46		
5	16QAM	1	12	17.65	17.58	17.52	18.5	0
5	16QAM	1	24	17.50	17.46	17.47		
5	16QAM	12	0	17.62	17.46	17.51		
5	16QAM	12	7	17.43	17.54	17.52	18.5	0
5	16QAM	12	13	17.60	17.51	17.53		
5	16QAM	25	0	17.49	17.55	17.59		
5	64QAM	1	0	17.52	17.63	17.46		
5	64QAM	1	12	17.49	17.63	17.47	18.5	0
5	64QAM	1	24	17.54	17.57	17.58		
5	64QAM	12	0	17.43	17.69	17.61		
5	64QAM	12	7	17.55	17.43	17.56	18.5	0
5	64QAM	12	13	17.42	17.46	17.46		
5	64QAM	25	0	17.63	17.71	17.44		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	0.5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	0.5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.61	17.69	17.68		
3	QPSK	1	8	17.50	17.54	17.56	18.5	0
3	QPSK	1	14	17.53	17.38	17.46		
3	QPSK	8	0	17.50	17.68	17.53		
3	QPSK	8	4	17.54	17.46	17.53	18.5	0
3	QPSK	8	7	17.50	17.59	17.68		
3	QPSK	15	0	17.61	17.69	17.44		
3	16QAM	1	0	17.47	17.42	17.47		
3	16QAM	1	8	17.61	17.50	17.56	18.5	0
3	16QAM	1	14	17.53	17.54	17.52		
3	16QAM	8	0	17.62	17.49	17.52		
3	16QAM	8	4	17.47	17.54	17.52	18.5	0
3	16QAM	8	7	17.68	17.58	17.53		
3	16QAM	15	0	17.51	17.49	17.69		
3	64QAM	1	0	17.62	17.51	17.53		
3	64QAM	1	8	17.42	17.65	17.54	18.5	0
3	64QAM	1	14	17.51	17.61	17.62		
3	64QAM	8	0	17.53	17.63	17.65		
3	64QAM	8	4	17.62	17.46	17.65	18.5	0
3	64QAM	8	7	17.42	17.52	17.49		
3	64QAM	15	0	17.63	17.71	17.42		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	0.5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	0.5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.99	16.55	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.63	17.69	17.66		
1.4	QPSK	1	3	17.56	17.55	17.48		
1.4	QPSK	1	5	17.46	17.45	17.40	18.5	0
1.4	QPSK	3	0	17.54	17.73	17.54		
1.4	QPSK	3	1	17.49	17.45	17.53		
1.4	QPSK	3	3	17.50	17.56	17.64		
1.4	QPSK	6	0	17.58	17.70	17.46	18.5	0
1.4	16QAM	1	0	17.53	17.42	17.48		
1.4	16QAM	1	3	17.64	17.50	17.54		
1.4	16QAM	1	5	17.51	17.55	17.56	18.5	0
1.4	16QAM	3	0	17.60	17.45	17.59		
1.4	16QAM	3	1	17.52	17.47	17.56		
1.4	16QAM	3	3	17.59	17.50	17.55		
1.4	16QAM	6	0	17.51	17.47	17.69	18.5	0
1.4	64QAM	1	0	17.55	17.51	17.48		
1.4	64QAM	1	3	17.49	17.64	17.46		
1.4	64QAM	1	5	17.60	17.54	17.57	18.5	0
1.4	64QAM	3	0	17.43	17.71	17.62		
1.4	64QAM	3	1	17.64	17.44	17.57		
1.4	64QAM	3	3	17.40	17.49	17.43		
1.4	64QAM	6	0	17.61	17.72	17.38	18.5	0
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	0.5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	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	17.43	17.50	17.48		
20	QPSK	1	49	17.39	17.38	17.44	18.5	0
20	QPSK	1	99	17.38	17.40	17.39		
20	QPSK	50	0	17.46	17.49	17.38		
20	QPSK	50	24	17.40	17.36	17.32	18.5	0
20	QPSK	50	50	17.45	17.37	17.31		
20	QPSK	100	0	17.35	17.47	17.37		
20	16QAM	1	0	17.35	17.32	17.38		
20	16QAM	1	49	17.36	17.27	17.38	18.5	0
20	16QAM	1	99	17.36	17.41	17.30		
20	16QAM	50	0	17.44	17.40	17.35		
20	16QAM	50	24	17.25	17.39	17.38	18.5	0
20	16QAM	50	50	17.31	17.40	17.30		
20	16QAM	100	0	17.41	17.42	17.45		
20	64QAM	1	0	17.44	17.37	17.39		
20	64QAM	1	49	17.30	17.24	17.30	18.5	0
20	64QAM	1	99	17.35	17.40	17.46		
20	64QAM	50	0	17.33	17.31	17.36		
20	64QAM	50	24	17.35	17.29	17.41	18.5	0
20	64QAM	50	50	17.35	17.38	17.41		
20	64QAM	100	0	17.34	17.28	17.41		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	0.5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	0.5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.30	17.44	17.28		
15	QPSK	1	37	17.27	17.34	17.34	18.5	0
15	QPSK	1	74	17.20	17.28	17.34		
15	QPSK	36	0	17.42	17.37	17.26		
15	QPSK	36	20	17.21	17.18	17.19	18.5	0
15	QPSK	36	39	17.38	17.27	17.12		
15	QPSK	75	0	17.28	17.41	17.28		
15	16QAM	1	0	17.28	17.19	17.28		
15	16QAM	1	37	17.31	17.25	17.25	18.5	0
15	16QAM	1	74	17.19	17.29	17.13		
15	16QAM	36	0	17.39	17.28	17.15		
15	16QAM	36	20	17.08	17.24	17.35	18.5	0
15	16QAM	36	39	17.29	17.28	17.28		
15	16QAM	75	0	17.32	17.26	17.32		
15	64QAM	1	0	17.43	17.25	17.29		
15	64QAM	1	37	17.21	17.19	17.29	18.5	0
15	64QAM	1	74	17.30	17.34	17.39		
15	64QAM	36	0	17.28	17.26	17.29		
15	64QAM	36	20	17.20	17.28	17.28	18.5	0
15	64QAM	36	39	17.16	17.25	17.33		
15	64QAM	75	0	17.17	17.23	17.23		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	0.5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	0.5
15	256QAM	36	39	16.16	16.14	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.38	17.30	17.36		
10	QPSK	1	25	17.22	17.32	17.32	18.5	0
10	QPSK	1	49	17.24	17.26	17.35		
10	QPSK	25	0	17.39	17.44	17.32		
10	QPSK	25	12	17.28	17.26	17.22	18.5	0
10	QPSK	25	25	17.41	17.23	17.20		
10	QPSK	50	0	17.16	17.32	17.36		
10	16QAM	1	0	17.22	17.13	17.28		
10	16QAM	1	25	17.27	17.07	17.20	18.5	0
10	16QAM	1	49	17.26	17.37	17.21		
10	16QAM	25	0	17.35	17.26	17.20		
10	16QAM	25	12	17.06	17.30	17.23	18.5	0
10	16QAM	25	25	17.15	17.34	17.13		
10	16QAM	50	0	17.32	17.41	17.27		
10	64QAM	1	0	17.32	17.34	17.25		
10	64QAM	1	25	17.29	17.24	17.25	18.5	0
10	64QAM	1	49	17.22	17.20	17.44		
10	64QAM	25	0	17.26	17.26	17.18		
10	64QAM	25	12	17.34	17.11	17.39	18.5	0
10	64QAM	25	25	17.23	17.27	17.27		
10	64QAM	50	0	17.15	17.19	17.39		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25	16.32	16.56	16.47	18	0.5
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12		
10	256QAM	25	12	16.24	16.34	16.25	18	0.5
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.28	16.25	16.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.37	17.40	17.39		
5	QPSK	1	12	17.30	17.25	17.33	18.5	0
5	QPSK	1	24	17.25	17.33	17.38		
5	QPSK	12	0	17.31	17.34	17.21		
5	QPSK	12	7	17.40	17.26	17.29	18.5	0
5	QPSK	12	13	17.43	17.22	17.27		
5	QPSK	25	0	17.19	17.46	17.32		
5	16QAM	1	0	17.22	17.22	17.26		
5	16QAM	1	12	17.21	17.23	17.28	18.5	0
5	16QAM	1	24	17.23	17.25	17.12		
5	16QAM	12	0	17.34	17.36	17.29		
5	16QAM	12	7	17.08	17.25	17.28	18.5	0
5	16QAM	12	13	17.19	17.33	17.26		
5	16QAM	25	0	17.35	17.36	17.44		
5	64QAM	1	0	17.29	17.26	17.27		
5	64QAM	1	12	17.25	17.13	17.15	18.5	0
5	64QAM	1	24	17.26	17.31	17.30		
5	64QAM	12	0	17.25	17.30	17.22		
5	64QAM	12	7	17.32	17.29	17.41	18.5	0
5	64QAM	12	13	17.19	17.37	17.23		
5	64QAM	25	0	17.17	17.26	17.29		
5	256QAM	1	0	16.16	16.52	16.11		
5	256QAM	1	12	16.28	16.45	16.45	18	0.5
5	256QAM	1	24	16.35	16.23	16.31		
5	256QAM	12	0	16.00	16.33	16.12		
5	256QAM	12	7	16.18	16.35	16.27	18	0.5
5	256QAM	12	13	16.08	16.05	16.03		
5	256QAM	25	0	16.20	16.25	16.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.42	17.41	17.34		
3	QPSK	1	8	17.29	17.34	17.33	18.5	0
3	QPSK	1	14	17.33	17.34	17.28		
3	QPSK	8	0	17.44	17.37	17.24		
3	QPSK	8	4	17.30	17.26	17.20	18.5	0
3	QPSK	8	7	17.40	17.34	17.17		
3	QPSK	15	0	17.27	17.32	17.25		
3	16QAM	1	0	17.19	17.20	17.19		
3	16QAM	1	8	17.19	17.16	17.20	18.5	0
3	16QAM	1	14	17.34	17.41	17.10		
3	16QAM	8	0	17.31	17.32	17.26		
3	16QAM	8	4	17.20	17.22	17.28	18.5	0
3	16QAM	8	7	17.11	17.39	17.11		
3	16QAM	15	0	17.28	17.28	17.33		
3	64QAM	1	0	17.25	17.18	17.25		
3	64QAM	1	8	17.11	17.08	17.28	18.5	0
3	64QAM	1	14	17.27	17.33	17.26		
3	64QAM	8	0	17.25	17.29	17.36		
3	64QAM	8	4	17.17	17.22	17.26	18.5	0
3	64QAM	8	7	17.18	17.30	17.22		
3	64QAM	15	0	17.19	17.09	17.24		
3	256QAM	1	0	16.12	16.54	16.16		
3	256QAM	1	8	16.27	16.43	16.47	18	0.5
3	256QAM	1	14	16.38	16.21	16.29		
3	256QAM	8	0	16.13	16.34	16.15		
3	256QAM	8	4	16.21	16.23	16.25	18	0.5
3	256QAM	8	7	16.18	16.09	16.11		
3	256QAM	15	0	16.23	16.14	16.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.30	17.37	17.46		
1.4	QPSK	1	3	17.38	17.22	17.44		
1.4	QPSK	1	5	17.29	17.37	17.22	18.5	0
1.4	QPSK	3	0	17.38	17.41	17.27		
1.4	QPSK	3	1	17.33	17.34	17.13		
1.4	QPSK	3	3	17.26	17.34	17.16		
1.4	QPSK	6	0	17.18	17.38	17.31	18.5	0
1.4	16QAM	1	0	17.18	17.23	17.33		
1.4	16QAM	1	3	17.18	17.27	17.38		
1.4	16QAM	1	5	17.31	17.37	17.23	18.5	0
1.4	16QAM	3	0	17.38	17.37	17.18		
1.4	16QAM	3	1	17.23	17.19	17.30		
1.4	16QAM	3	3	17.21	17.30	17.14		
1.4	16QAM	6	0	17.38	17.29	17.29	18.5	0
1.4	64QAM	1	0	17.35	17.16	17.35		
1.4	64QAM	1	3	17.19	17.12	17.22		
1.4	64QAM	1	5	17.35	17.39	17.29	18.5	0
1.4	64QAM	3	0	17.25	17.18	17.21		
1.4	64QAM	3	1	17.20	17.17	17.22		
1.4	64QAM	3	3	17.34	17.25	17.40		
1.4	64QAM	6	0	17.21	17.21	17.41	18.5	0
1.4	256QAM	1	0	16.27	16.30	16.19		
1.4	256QAM	1	3	16.30	16.50	16.55		
1.4	256QAM	1	5	16.38	16.36	16.42	18	0.5
1.4	256QAM	3	0	16.19	16.31	16.05		
1.4	256QAM	3	1	16.06	16.28	16.32		
1.4	256QAM	3	3	16.12	16.11	16.02		
1.4	256QAM	6	0	16.20	16.20	16.02	18	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.

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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	18.53	18.48	18.51	18.50	19.5	0
20	QPSK	1	49	18.49	18.41	18.41	18.41		
20	QPSK	1	99	18.40	18.41	18.46	18.40		
20	QPSK	50	0	18.51	18.55	18.48	18.46	19.5	0
20	QPSK	50	24	18.30	18.32	18.41	18.50		
20	QPSK	50	50	18.40	18.49	18.41	18.40		
20	QPSK	100	0	18.50	18.47	18.52	18.49		
20	16QAM	1	0	18.53	18.45	18.52	18.44	19.5	0
20	16QAM	1	49	18.48	18.49	18.47	18.41		
20	16QAM	1	99	18.46	18.39	18.51	18.31		
20	16QAM	50	0	18.46	18.47	18.36	18.44	19.5	0
20	16QAM	50	24	18.41	18.55	18.47	18.51		
20	16QAM	50	50	18.50	18.45	18.40	18.47		
20	16QAM	100	0	18.39	18.37	18.48	18.49		
20	64QAM	1	0	18.53	18.36	18.44	18.55	19.5	0
20	64QAM	1	49	18.53	18.38	18.50	18.42		
20	64QAM	1	99	18.47	18.38	18.48	18.32		
20	64QAM	50	0	18.43	18.46	18.49	18.46	19.5	0
20	64QAM	50	24	18.35	18.53	18.53	18.46		
20	64QAM	50	50	18.45	18.43	18.46	18.45		
20	64QAM	100	0	18.58	18.35	18.39	18.48		
20	256QAM	1	0	17.98	18.07	18.02	18.06	19	0.5
20	256QAM	1	49	18.01	17.96	18.00	17.87		
20	256QAM	1	99	17.85	17.92	17.97	17.93		
20	256QAM	50	0	17.95	18.02	17.93	18.02	19	0.5
20	256QAM	50	24	17.71	17.85	17.82	17.96		
20	256QAM	50	50	17.93	17.90	17.88	17.86		
20	256QAM	100	0	17.93	17.98	17.95	18.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.41	18.39	18.43	18.44	19.5	0
15	QPSK	1	37	18.42	18.29	18.36	18.35		
15	QPSK	1	74	18.31	18.36	18.41	18.27		
15	QPSK	36	0	18.45	18.40	18.41	18.36	19.5	0
15	QPSK	36	20	18.26	18.20	18.32	18.40		
15	QPSK	36	39	18.32	18.43	18.30	18.29		
15	QPSK	75	0	18.39	18.41	18.44	18.43		
15	16QAM	1	0	18.47	18.29	18.40	18.38	19.5	0
15	16QAM	1	37	18.39	18.44	18.33	18.33		
15	16QAM	1	74	18.41	18.27	18.38	18.27		
15	16QAM	36	0	18.38	18.32	18.26	18.33	19.5	0
15	16QAM	36	20	18.32	18.50	18.39	18.41		
15	16QAM	36	39	18.42	18.31	18.26	18.39		
15	16QAM	75	0	18.26	18.26	18.33	18.44		
15	64QAM	1	0	18.42	18.22	18.31	18.41	19.5	0
15	64QAM	1	37	18.43	18.31	18.38	18.35		
15	64QAM	1	74	18.32	18.33	18.38	18.23		
15	64QAM	36	0	18.32	18.36	18.41	18.39	19.5	0
15	64QAM	36	20	18.23	18.43	18.44	18.35		
15	64QAM	36	39	18.34	18.33	18.40	18.35		
15	64QAM	75	0	18.42	18.25	18.23	18.35		
15	256QAM	1	0	17.82	17.95	17.95	17.99	19	0.5
15	256QAM	1	37	17.94	17.85	17.92	17.78		
15	256QAM	1	74	17.79	17.85	17.83	17.81		
15	256QAM	36	0	17.86	17.90	17.89	17.97	19	0.5
15	256QAM	36	20	17.62	17.73	17.75	17.83		
15	256QAM	36	39	17.88	17.75	17.81	17.71		
15	256QAM	75	0	17.77	17.85	17.88	17.92		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.47	18.37	18.39	18.40	19.5	0
10	QPSK	1	25	18.43	18.35	18.33	18.30		
10	QPSK	1	49	18.27	18.31	18.39	18.31		
10	QPSK	25	0	18.44	18.39	18.42	18.41	19.5	0
10	QPSK	25	12	18.22	18.18	18.30	18.40		
10	QPSK	25	25	18.28	18.39	18.26	18.31		
10	QPSK	50	0	18.37	18.33	18.46	18.36		
10	16QAM	1	0	18.43	18.32	18.39	18.35	19.5	0
10	16QAM	1	25	18.38	18.33	18.41	18.27		
10	16QAM	1	49	18.41	18.34	18.40	18.16		
10	16QAM	25	0	18.34	18.38	18.26	18.37	19.5	0
10	16QAM	25	12	18.32	18.50	18.35	18.39		
10	16QAM	25	25	18.43	18.32	18.32	18.43		
10	16QAM	50	0	18.27	18.21	18.41	18.34		
10	64QAM	1	0	18.40	18.31	18.28	18.43	19.5	0
10	64QAM	1	25	18.41	18.30	18.45	18.38		
10	64QAM	1	49	18.32	18.22	18.33	18.17		
10	64QAM	25	0	18.32	18.40	18.36	18.34	19.5	0
10	64QAM	25	12	18.28	18.37	18.40	18.36		
10	64QAM	25	25	18.38	18.33	18.31	18.35		
10	64QAM	50	0	18.50	18.25	18.34	18.36		
10	256QAM	1	0	17.83	17.96	17.90	17.98	19	0.5
10	256QAM	1	25	17.86	17.87	17.85	17.77		
10	256QAM	1	49	17.72	17.87	17.83	17.80		
10	256QAM	25	0	17.88	17.96	17.80	17.94	19	0.5
10	256QAM	25	12	17.64	17.69	17.68	17.90		
10	256QAM	25	25	17.85	17.81	17.74	17.77		
10	256QAM	50	0	17.88	17.83	17.91	17.96		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.40	18.42	18.42	18.41	19.5	0
5	QPSK	1	12	18.44	18.29	18.33	18.27		
5	QPSK	1	24	18.30	18.28	18.32	18.26		
5	QPSK	12	0	18.43	18.46	18.44	18.40	19.5	0
5	QPSK	12	7	18.26	18.18	18.33	18.42		
5	QPSK	12	13	18.25	18.35	18.34	18.34		
5	QPSK	25	0	18.44	18.41	18.43	18.35		
5	16QAM	1	0	18.40	18.34	18.44	18.30	19.5	0
5	16QAM	1	12	18.32	18.38	18.42	18.26		
5	16QAM	1	24	18.31	18.23	18.44	18.17		
5	16QAM	12	0	18.40	18.33	18.24	18.29	19.5	0
5	16QAM	12	7	18.37	18.45	18.36	18.46		
5	16QAM	12	13	18.41	18.39	18.34	18.41		
5	16QAM	25	0	18.30	18.29	18.42	18.39		
5	64QAM	1	0	18.45	18.23	18.32	18.50	19.5	0
5	64QAM	1	12	18.38	18.25	18.35	18.34		
5	64QAM	1	24	18.35	18.30	18.35	18.24		
5	64QAM	12	0	18.30	18.39	18.40	18.37	19.5	0
5	64QAM	12	7	18.20	18.49	18.41	18.42		
5	64QAM	12	13	18.36	18.38	18.35	18.38		
5	64QAM	25	0	18.46	18.30	18.30	18.36		
5	256QAM	1	0	17.85	17.92	17.95	17.93	19	0.5
5	256QAM	1	12	17.97	17.88	17.89	17.72		
5	256QAM	1	24	17.72	17.76	17.87	17.84		
5	256QAM	12	0	17.84	17.86	17.80	17.87	19	0.5
5	256QAM	12	7	17.63	17.70	17.71	17.81		
5	256QAM	12	13	17.86	17.77	17.82	17.71		
5	256QAM	25	0	17.88	17.93	17.87	17.93		

Reduced Power Mode for Main PA DSI2 ENDC

Band 2 Ant 0 DSI2

BW [MHz]	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	22.74	22.80	22.73	24	0
20	QPSK	1	49	22.56	22.53	22.59		
20	QPSK	1	99	22.56	22.61	22.57		
20	QPSK	50	0	21.53	21.60	21.59	23	1
20	QPSK	50	24	21.38	21.40	21.44		
20	QPSK	50	50	21.50	21.51	21.53		
20	QPSK	100	0	21.48	21.49	21.44		
20	16QAM	1	0	21.70	21.63	21.71	23	1
20	16QAM	1	49	21.67	21.60	21.55		
20	16QAM	1	99	21.43	21.51	21.49		
20	16QAM	50	0	20.27	20.35	20.37	22	2
20	16QAM	50	24	20.31	20.35	20.42		
20	16QAM	50	50	20.36	20.33	20.34		
20	16QAM	100	0	20.34	20.43	20.35		
20	64QAM	1	0	20.49	20.62	20.61	22	2
20	64QAM	1	49	20.52	20.56	20.50		
20	64QAM	1	99	20.43	20.53	20.53		
20	64QAM	50	0	19.44	19.50	19.50	21	3
20	64QAM	50	24	19.59	19.57	19.55		
20	64QAM	50	50	19.43	19.39	19.30		
20	64QAM	100	0	19.51	19.55	19.48		
20	256QAM	1	0	17.56	17.55	17.61	19	5
20	256QAM	1	49	17.53	17.46	17.39		
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51	19	5
20	256QAM	50	24	17.46	17.52	17.49		
20	256QAM	50	50	17.40	17.40	17.55		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.61	22.61	24	0
15	QPSK	1	37	22.49	22.45	22.59		
15	QPSK	1	74	22.56	22.54	22.41		
15	QPSK	36	0	21.39	21.60	21.42	23	1
15	QPSK	36	20	21.36	21.21	21.40		
15	QPSK	36	39	21.49	21.32	21.37		
15	QPSK	75	0	21.43	21.41	21.36		
15	16QAM	1	0	21.70	21.60	21.62	23	1
15	16QAM	1	37	21.54	21.55	21.51		
15	16QAM	1	74	21.25	21.48	21.36		
15	16QAM	36	0	20.17	20.33	20.20	22	2
15	16QAM	36	20	20.21	20.26	20.25		
15	16QAM	36	39	20.34	20.22	20.19		
15	16QAM	75	0	20.14	20.29	20.32		
15	64QAM	1	0	20.59	20.53	20.59	22	2
15	64QAM	1	37	20.40	20.54	20.39		
15	64QAM	1	74	20.36	20.34	20.47		
15	64QAM	36	0	19.29	19.44	19.37	21	3
15	64QAM	36	20	19.56	19.37	19.51		
15	64QAM	36	39	19.37	19.35	19.14		
15	64QAM	75	0	19.40	19.41	19.33		
15	256QAM	1	0	17.49	17.41	17.46	19	5
15	256QAM	1	37	17.43	17.39	17.31		
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48	19	5
15	256QAM	36	20	17.44	17.46	17.48		
15	256QAM	36	39	17.30	17.36	17.48		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.73	22.54	24	0
10	QPSK	1	25	22.56	22.37	22.57		
10	QPSK	1	49	22.54	22.41	22.42		
10	QPSK	25	0	21.36	21.51	21.40	23	1
10	QPSK	25	12	21.26	21.34	21.32		
10	QPSK	25	25	21.37	21.43	21.34		
10	QPSK	50	0	21.45	21.32	21.27		
10	16QAM	1	0	21.58	21.62	21.67	23	1
10	16QAM	1	25	21.65	21.52	21.47		
10	16QAM	1	49	21.38	21.51	21.35		
10	16QAM	25	0	20.21	20.31	20.27	22	2
10	16QAM	25	12	20.25	20.23	20.24		
10	16QAM	25	25	20.33	20.30	20.33		
10	16QAM	50	0	20.25	20.27	20.26		
10	64QAM	1	0	20.53	20.49	20.54	22	2
10	64QAM	1	25	20.41	20.50	20.33		
10	64QAM	1	49	20.30	20.42	20.45		
10	64QAM	25	0	19.31	19.48	19.35	21	3
10	64QAM	25	12	19.43	19.53	19.45		
10	64QAM	25	25	19.23	19.20	19.14		
10	64QAM	50	0	19.34	19.37	19.37		
10	256QAM	1	0	17.37	17.55	17.37	19	5
10	256QAM	1	25	17.51	17.40	17.23		
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42	19	5
10	256QAM	25	12	17.38	17.34	17.30		
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.74	22.68	24	0
5	QPSK	1	12	22.56	22.36	22.44		
5	QPSK	1	24	22.54	22.49	22.46		
5	QPSK	12	0	21.43	21.49	21.42	23	1
5	QPSK	12	7	21.28	21.29	21.29		
5	QPSK	12	13	21.45	21.50	21.51		
5	QPSK	25	0	21.35	21.33	21.33		
5	16QAM	1	0	21.50	21.49	21.53	23	1
5	16QAM	1	12	21.58	21.51	21.62		
5	16QAM	1	24	21.32	21.46	21.30		
5	16QAM	12	0	20.20	20.18	20.36	22	2
5	16QAM	12	7	20.18	20.18	20.25		
5	16QAM	12	13	20.22	20.18	20.31		
5	16QAM	25	0	20.24	20.24	20.26		
5	64QAM	1	0	20.62	20.48	20.58	22	2
5	64QAM	1	12	20.50	20.46	20.33		
5	64QAM	1	24	20.37	20.36	20.46		
5	64QAM	12	0	19.31	19.48	19.45	21	3
5	64QAM	12	7	19.48	19.48	19.48		
5	64QAM	12	13	19.37	19.32	19.22		
5	64QAM	25	0	19.38	19.36	19.38		
5	256QAM	1	0	17.43	17.55	17.43	19	5
5	256QAM	1	12	17.41	17.43	17.28		
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.50	17.42	19	5
5	256QAM	12	7	17.40	17.45	17.49		
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18511	18900	19289	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.1	1880	1908.9		
3	QPSK	1	0	22.66	22.75	22.55	24	0
3	QPSK	1	8	22.47	22.44	22.57		
3	QPSK	1	14	22.49	22.59	22.32		
3	QPSK	8	0	21.50	21.40	21.40	23	1
3	QPSK	8	4	21.20	21.21	21.38		
3	QPSK	8	7	21.30	21.47	21.45		
3	QPSK	15	0	21.44	21.48	21.42		
3	16QAM	1	0	21.56	21.65	21.65	23	1
3	16QAM	1	8	21.62	21.59	21.43		
3	16QAM	1	14	21.38	21.44	21.29		
3	16QAM	8	0	20.17	20.25	20.33	22	2
3	16QAM	8	4	20.21	20.18	20.39		
3	16QAM	8	7	20.17	20.21	20.29		
3	16QAM	15	0	20.21	20.29	20.30		
3	64QAM	1	0	20.57	20.44	20.46	22	2
3	64QAM	1	8	20.34	20.44	20.43		
3	64QAM	1	14	20.30	20.40	20.45		
3	64QAM	8	0	19.26	19.38	19.34	21	3
3	64QAM	8	4	19.45	19.45	19.44		
3	64QAM	8	7	19.39	19.37	19.25		
3	64QAM	15	0	19.47	19.55	19.41		
3	256QAM	1	0	17.50	17.50	17.43	19	5
3	256QAM	1	8	17.42	17.39	17.19		
3	256QAM	1	14	17.21	17.27	17.25		
3	256QAM	8	0	17.38	17.42	17.40	19	5
3	256QAM	8	4	17.37	17.47	17.46		
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.31	17.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.71	22.67	24	0
1.4	QPSK	1	3	22.44	22.46	22.42		
1.4	QPSK	1	5	22.46	22.49	22.37		
1.4	QPSK	3	0	22.61	22.64	22.65		
1.4	QPSK	3	1	22.55	22.47	22.59		
1.4	QPSK	3	3	22.51	22.53	22.34		
1.4	QPSK	6	0	21.34	21.42	21.50	23	1
1.4	16QAM	1	0	21.18	21.29	21.28	23	1
1.4	16QAM	1	3	21.31	21.42	21.51		
1.4	16QAM	1	5	21.31	21.43	21.35		
1.4	16QAM	3	0	21.67	21.49	21.54		
1.4	16QAM	3	1	21.61	21.43	21.39		
1.4	16QAM	3	3	21.30	21.36	21.32		
1.4	16QAM	6	0	20.12	20.26	20.18	22	2
1.4	64QAM	1	0	20.17	20.19	20.35	22	2
1.4	64QAM	1	3	20.36	20.28	20.33		
1.4	64QAM	1	5	20.24	20.42	20.19		
1.4	64QAM	3	0	20.62	20.53	20.47		
1.4	64QAM	3	1	20.37	20.49	20.49		
1.4	64QAM	3	3	20.38	20.38	20.33		
1.4	64QAM	6	0	19.48	19.49	19.55	21	3
1.4	256QAM	1	0	17.52	17.41	17.60	19	5
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15		
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	5

Band 2 Ant 0 DSI2 sig path：347

BW [MHz]	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	23.31	23.35	23.25	24	0
20	QPSK	1	49	23.04	23.05	23.01		
20	QPSK	1	99	23.13	23.10	23.02		
20	QPSK	50	0	22.00	22.33	22.02	23	1
20	QPSK	50	24	22.24	22.14	22.05		
20	QPSK	50	50	22.19	22.12	22.23		
20	QPSK	100	0	22.21	22.27	22.08		
20	16QAM	1	0	22.23	22.12	22.18	23	1
20	16QAM	1	49	22.23	22.10	22.02		
20	16QAM	1	99	22.02	21.99	22.00		
20	16QAM	50	0	20.79	20.74	20.93	22	2
20	16QAM	50	24	20.81	20.83	20.93		
20	16QAM	50	50	20.88	20.87	20.87		
20	16QAM	100	0	20.82	20.94	20.86		
20	64QAM	1	0	21.30	21.06	21.14	22	2
20	64QAM	1	49	20.97	21.02	21.00		
20	64QAM	1	99	20.96	21.01	20.98		
20	64QAM	50	0	19.95	19.89	19.96	21	3
20	64QAM	50	24	20.16	20.04	20.03		
20	64QAM	50	50	19.95	19.88	19.77		
20	64QAM	100	0	20.00	20.00	20.05		
20	256QAM	1	0	18.10	18.14	18.14	19	5
20	256QAM	1	49	18.01	17.96	17.79		
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02	19	5
20	256QAM	50	24	17.90	17.95	17.95		
20	256QAM	50	50	17.85	18.03	18.06		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.27	23.23	23.19	24	0
15	QPSK	1	37	22.99	22.99	22.99		
15	QPSK	1	74	23.04	23.04	22.88		
15	QPSK	36	0	21.93	22.19	21.96	23	1
15	QPSK	36	20	22.15	22.02	21.98		
15	QPSK	36	39	22.11	22.04	22.13		
15	QPSK	75	0	22.06	22.14	21.92		
15	16QAM	1	0	22.12	22.05	22.04	23	1
15	16QAM	1	37	22.10	21.96	21.89		
15	16QAM	1	74	21.98	21.93	21.94		
15	16QAM	36	0	20.64	20.59	20.84	22	2
15	16QAM	36	20	20.65	20.69	20.81		
15	16QAM	36	39	20.81	20.77	20.74		
15	16QAM	75	0	20.74	20.82	20.82		
15	64QAM	1	0	21.21	20.97	21.07	22	2
15	64QAM	1	37	20.89	20.98	20.93		
15	64QAM	1	74	20.83	20.86	20.86		
15	64QAM	36	0	19.86	19.80	19.89	21	3
15	64QAM	36	20	20.08	19.99	19.92		
15	64QAM	36	39	19.79	19.79	19.64		
15	64QAM	75	0	19.88	19.95	19.94		
15	256QAM	1	0	18.03	18.02	18.09	19	5
15	256QAM	1	37	17.85	17.89	17.72		
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94	19	5
15	256QAM	36	20	17.84	17.88	17.90		
15	256QAM	36	39	17.74	17.96	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.20	23.12	24	0
10	QPSK	1	25	22.96	22.97	22.82		
10	QPSK	1	49	22.98	23.03	22.87		
10	QPSK	25	0	21.89	22.24	21.90	23	1
10	QPSK	25	12	22.17	22.07	22.00		
10	QPSK	25	25	22.08	22.05	22.10		
10	QPSK	50	0	22.10	22.20	22.03		
10	16QAM	1	0	22.07	22.00	22.04	23	1
10	16QAM	1	25	22.18	21.97	21.93		
10	16QAM	1	49	21.90	21.94	21.90		
10	16QAM	25	0	20.69	20.69	20.78	22	2
10	16QAM	25	12	20.77	20.74	20.88		
10	16QAM	25	25	20.74	20.79	20.78		
10	16QAM	50	0	20.77	20.85	20.72		
10	64QAM	1	0	21.23	21.01	21.10	22	2
10	64QAM	1	25	20.90	20.89	20.96		
10	64QAM	1	49	20.89	20.89	20.87		
10	64QAM	25	0	19.88	19.84	19.84	21	3
10	64QAM	25	12	20.04	19.89	19.87		
10	64QAM	25	25	19.85	19.80	19.63		
10	64QAM	50	0	19.94	19.86	19.97		
10	256QAM	1	0	17.97	18.03	18.00	19	5
10	256QAM	1	25	17.93	17.90	17.70		
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87	19	5
10	256QAM	25	12	17.80	17.87	17.87		
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.30	23.15	24	0
5	QPSK	1	12	22.96	22.94	22.93		
5	QPSK	1	24	22.99	22.98	22.98		
5	QPSK	12	0	21.92	22.26	21.89	23	1
5	QPSK	12	7	22.14	22.08	21.93		
5	QPSK	12	13	22.07	22.00	22.09		
5	QPSK	25	0	22.12	22.17	22.03		
5	16QAM	1	0	22.11	22.04	22.11	23	1
5	16QAM	1	12	22.08	21.98	21.98		
5	16QAM	1	24	21.93	21.90	21.86		
5	16QAM	12	0	20.72	20.59	20.78	22	2
5	16QAM	12	7	20.76	20.67	20.77		
5	16QAM	12	13	20.77	20.80	20.91		
5	16QAM	25	0	20.78	20.82	20.80		
5	64QAM	1	0	21.25	21.02	21.04	22	2
5	64QAM	1	12	20.85	20.87	20.92		
5	64QAM	1	24	20.91	20.90	20.86		
5	64QAM	12	0	19.88	19.81	19.83	21	3
5	64QAM	12	7	20.03	19.98	19.91		
5	64QAM	12	13	19.90	19.73	19.61		
5	64QAM	25	0	19.88	19.93	19.98		
5	256QAM	1	0	18.03	18.08	18.04	19	5
5	256QAM	1	12	17.86	17.87	17.75		
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94	19	5
5	256QAM	12	7	17.80	17.83	17.79		
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18511	18900	19289	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.1	1880	1908.9		
3	QPSK	1	0	23.21	23.25	23.11	24	0
3	QPSK	1	8	22.90	22.94	22.90		
3	QPSK	1	14	23.02	23.04	22.91		
3	QPSK	8	0	21.90	22.25	21.86	23	1
3	QPSK	8	4	22.15	22.09	21.95		
3	QPSK	8	7	22.09	21.97	22.11		
3	QPSK	15	0	22.07	22.17	22.02		
3	16QAM	1	0	22.08	22.00	22.02	23	1
3	16QAM	1	8	22.11	21.98	21.96		
3	16QAM	1	14	21.90	21.92	21.87		
3	16QAM	8	0	20.69	20.63	20.81	22	2
3	16QAM	8	4	20.75	20.73	20.81		
3	16QAM	8	7	20.81	20.72	20.77		
3	16QAM	15	0	20.75	20.87	20.76		
3	64QAM	1	0	21.22	21.00	21.00	22	2
3	64QAM	1	8	20.86	20.92	20.91		
3	64QAM	1	14	20.89	20.87	20.82		
3	64QAM	8	0	19.91	19.85	19.85	21	3
3	64QAM	8	4	20.10	19.92	19.90		
3	64QAM	8	7	19.80	19.78	19.69		
3	64QAM	15	0	19.95	19.87	20.00		
3	256QAM	1	0	18.04	18.03	18.05	19	5
3	256QAM	1	8	17.96	17.81	17.68		
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91	19	5
3	256QAM	8	4	17.80	17.83	17.89		
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.71	17.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.27	23.18	24	0
1.4	QPSK	1	3	22.99	22.93	22.89		
1.4	QPSK	1	5	23.00	23.05	22.91		
1.4	QPSK	3	0	23.22	23.28	23.14		
1.4	QPSK	3	1	22.99	22.96	22.92		
1.4	QPSK	3	3	23.04	22.94	22.87		
1.4	QPSK	6	0	21.90	22.27	21.91	23	1
1.4	16QAM	1	0	22.17	22.04	21.94	23	1
1.4	16QAM	1	3	22.12	22.05	22.16		
1.4	16QAM	1	5	22.06	22.18	22.03		
1.4	16QAM	3	0	22.11	22.00	22.06		
1.4	16QAM	3	1	22.08	21.96	21.88		
1.4	16QAM	3	3	21.89	21.94	21.87		
1.4	16QAM	6	0	20.67	20.65	20.83	22	2
1.4	64QAM	1	0	20.69	20.75	20.86	22	2
1.4	64QAM	1	3	20.72	20.75	20.77		
1.4	64QAM	1	5	20.68	20.80	20.79		
1.4	64QAM	3	0	21.23	20.90	21.07		
1.4	64QAM	3	1	20.84	20.90	20.95		
1.4	64QAM	3	3	20.90	20.82	20.88		
1.4	64QAM	6	0	19.80	19.77	19.92	21	3
1.4	256QAM	1	0	18.02	18.07	18.05	19	5
1.4	256QAM	1	3	17.93	17.84	17.72		
1.4	256QAM	1	5	17.76	17.77	17.66		
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	5

Band 4 Ant 0 DSI2

BW [MHz]	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	22.71	22.76	22.68	24	0
20	QPSK	1	49	22.51	22.56	22.53		
20	QPSK	1	99	22.52	22.57	22.51		
20	QPSK	50	0	21.47	21.55	21.47	23	1
20	QPSK	50	24	21.51	21.47	21.52		
20	QPSK	50	50	21.47	21.51	21.44		
20	QPSK	100	0	21.45	21.48	21.42		
20	16QAM	1	0	21.65	21.69	21.67	23	1
20	16QAM	1	49	21.80	21.74	21.74		
20	16QAM	1	99	21.55	21.66	21.52		
20	16QAM	50	0	20.42	20.38	20.46	22	2
20	16QAM	50	24	20.54	20.55	20.58		
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0	20

Band 12 Ant 0 DSI2

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.96	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.76		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.60		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.92	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.56		
5	256QAM	12	13	17.81	17.86	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.40	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI2 sig path：300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	18.07	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI2

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.76	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.76		

Band 13 Ant 0 DSI2 sig path：378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.80		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI2 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

Band 25 Ant 0 DSI2

BW [MHz]	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	22.69	22.73	22.72	24	0
20	QPSK	1	49	22.55	22.62	22.49		
20	QPSK	1	99	22.60	22.53	22.50		
20	QPSK	50	0	21.47	21.53	21.29	23	1
20	QPSK	50	24	21.27	21.40	21.17		
20	QPSK	50	50	21.35	21.52	21.16		
20	QPSK	100	0	21.31	21.46	21.22		
20	16QAM	1	0	21.40	21.55	21.36	23	1
20	16QAM	1	49	21.31	21.49	21.25		
20	16QAM	1	99	21.34	21.48	21.30		
20	16QAM	50	0	20.44	20.53	20.49	22	2
20	16QAM	50	24	20.32	20.49	20.28		
20	16QAM	50	50	20.42	20.44	20.29		
20	16QAM	100	0	20.34	20.45	20.17		
20	64QAM	1	0	20.52	20.52	20.40	22	2
20	64QAM	1	49	20.37	20.47	20.27		
20	64QAM	1	99	20.37	20.49	20.37		
20	64QAM	50	0	19.51	19.55	19.38	21	3
20	64QAM	50	24	19.44	19.60	19.33		
20	64QAM	50	50	19.44	19.46	19.40		
20	64QAM	100	0	19.47	19.63	19.36		
20	256QAM	1	0	17.57	17.69	17.46	19	5
20	256QAM	1	49	17.59	17.68	17.50		
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43	19	5
20	256QAM	50	24	17.34	17.34	17.14		
20	256QAM	50	50	17.40	17.48	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.53	22.67	22.62	24	0
15	QPSK	1	37	22.36	22.50	22.44		
15	QPSK	1	74	22.56	22.59	22.31		
15	QPSK	36	0	21.47	21.37	21.19	23	1
15	QPSK	36	20	21.12	21.34	21.04		
15	QPSK	36	39	21.20	21.41	21.13		
15	QPSK	75	0	21.16	21.36	21.15		
15	16QAM	1	0	21.24	21.38	21.32	23	1
15	16QAM	1	37	21.12	21.39	21.19		
15	16QAM	1	74	21.39	21.24	21.47		
15	16QAM	36	0	20.42	20.47	20.30	22	2
15	16QAM	36	20	20.19	20.30	20.23		
15	16QAM	36	39	20.29	20.41	20.15		
15	16QAM	75	0	20.23	20.43	20.10		
15	64QAM	1	0	20.50	20.51	20.36	22	2
15	64QAM	1	37	20.29	20.32	20.09		
15	64QAM	1	74	20.19	20.46	20.26		
15	64QAM	36	0	19.51	19.46	19.34	21	3
15	64QAM	36	20	19.32	19.55	19.15		
15	64QAM	36	39	19.26	19.43	19.37		
15	64QAM	75	0	19.32	19.54	19.31		
15	256QAM	1	0	17.46	17.53	17.31	19	5
15	256QAM	1	37	17.59	17.42	17.37		
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32	19	5
15	256QAM	36	20	17.15	17.15	17.00		
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.55	22.60	22.58	24	0
10	QPSK	1	25	22.43	22.55	22.39		
10	QPSK	1	49	22.47	22.55	22.39		
10	QPSK	25	0	21.37	21.51	21.16	23	1
10	QPSK	25	12	21.18	21.35	21.09		
10	QPSK	25	25	21.15	21.49	21.11		
10	QPSK	50	0	21.28	21.32	21.03		
10	16QAM	1	0	21.20	21.46	21.21	23	1
10	16QAM	1	25	21.25	21.46	21.18		
10	16QAM	1	49	21.27	21.30	21.16		
10	16QAM	25	0	20.37	20.47	20.40	22	2
10	16QAM	25	12	20.27	20.46	20.14		
10	16QAM	25	25	20.37	20.29	20.20		
10	16QAM	50	0	20.21	20.29	20.00		
10	64QAM	1	0	20.33	20.46	20.21	22	2
10	64QAM	1	25	20.21	20.39	20.23		
10	64QAM	1	49	20.19	20.48	20.27		
10	64QAM	25	0	19.33	19.39	19.31	21	3
10	64QAM	25	12	19.42	19.47	19.16		
10	64QAM	25	25	19.39	19.41	19.37		
10	64QAM	50	0	19.42	19.54	19.34		
10	256QAM	1	0	17.42	17.61	17.44	19	5
10	256QAM	1	25	17.56	17.53	17.40		
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27	19	5
10	256QAM	25	12	17.17	17.15	17.07		
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.64	22.64	22.71	24	0
5	QPSK	1	12	22.48	22.53	22.44		
5	QPSK	1	24	22.48	22.49	22.43		
5	QPSK	12	0	21.32	21.46	21.21	23	1
5	QPSK	12	7	21.21	21.21	21.17		
5	QPSK	12	13	21.17	21.39	21.12		
5	QPSK	25	0	21.25	21.33	21.08		
5	16QAM	1	0	21.28	21.46	21.21	23	1
5	16QAM	1	12	21.23	21.37	21.13		
5	16QAM	1	24	21.19	21.46	21.10		
5	16QAM	12	0	20.47	20.35	20.44	22	2
5	16QAM	12	7	20.26	20.32	20.27		
5	16QAM	12	13	20.28	20.26	20.27		
5	16QAM	25	0	20.19	20.42	20.12		
5	64QAM	1	0	20.50	20.39	20.27	22	2
5	64QAM	1	12	20.32	20.28	20.14		
5	64QAM	1	24	20.19	20.31	20.23		
5	64QAM	12	0	19.42	19.53	19.33	21	3
5	64QAM	12	7	19.38	19.52	19.19		
5	64QAM	12	13	19.30	19.34	19.36		
5	64QAM	25	0	19.37	19.60	19.23		
5	256QAM	1	0	17.48	17.61	17.29	19	5
5	256QAM	1	12	17.50	17.58	17.46		
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26	19	5
5	256QAM	12	7	17.21	17.25	17.02		
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.50	22.56	22.67	24	0
3	QPSK	1	8	22.48	22.59	22.44		
3	QPSK	1	14	22.52	22.53	22.39		
3	QPSK	8	0	21.41	21.41	21.21	23	1
3	QPSK	8	4	21.15	21.34	21.10		
3	QPSK	8	7	21.26	21.51	21.06		
3	QPSK	15	0	21.25	21.22	21.22		
3	16QAM	1	0	21.24	21.51	21.17	23	1
3	16QAM	1	8	21.27	21.40	21.22		
3	16QAM	1	14	21.24	21.40	21.17		
3	16QAM	8	0	20.43	20.47	20.37	22	2
3	16QAM	8	4	20.20	20.44	20.25		
3	16QAM	8	7	20.40	20.40	20.26		
3	16QAM	15	0	20.26	20.40	20.04		
3	64QAM	1	0	20.49	20.33	20.26	22	2
3	64QAM	1	8	20.33	20.30	20.16		
3	64QAM	1	14	20.29	20.36	20.26		
3	64QAM	8	0	19.34	19.52	19.23	21	3
3	64QAM	8	4	19.41	19.53	19.30		
3	64QAM	8	7	19.41	19.36	19.40		
3	64QAM	15	0	19.43	19.63	19.24		
3	256QAM	1	0	17.41	17.64	17.41	19	5
3	256QAM	1	8	17.59	17.58	17.34		
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36	19	5
3	256QAM	8	4	17.26	17.21	17.11		
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.16	17.30	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.55	22.72	22.57	24	0
1.4	QPSK	1	3	22.38	22.51	22.45		
1.4	QPSK	1	5	22.53	22.64	22.31		
1.4	QPSK	3	0	22.55	22.55	22.55		
1.4	QPSK	3	1	22.41	22.53	22.33		
1.4	QPSK	3	3	22.43	22.59	22.45		
1.4	QPSK	6	0	21.33	21.42	21.21	23	1
1.4	16QAM	1	0	21.18	21.21	21.10	23	1
1.4	16QAM	1	3	21.32	21.49	21.08		
1.4	16QAM	1	5	21.26	21.28	21.09		
1.4	16QAM	3	0	21.32	21.39	21.32		
1.4	16QAM	3	1	21.11	21.42	21.18		
1.4	16QAM	3	3	21.28	21.36	21.30		
1.4	16QAM	6	0	20.39	20.43	20.45	22	2
1.4	64QAM	1	0	20.14	20.34	20.11	22	2
1.4	64QAM	1	3	20.37	20.36	20.27		
1.4	64QAM	1	5	20.29	20.43	20.06		
1.4	64QAM	3	0	20.39	20.39	20.33		
1.4	64QAM	3	1	20.22	20.42	20.19		
1.4	64QAM	3	3	20.26	20.46	20.25		
1.4	64QAM	6	0	19.34	19.55	19.28	21	3
1.4	256QAM	1	0	17.47	17.50	17.44	19	5
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41		
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.79	22.80	22.78	24	0
15	QPSK	1	37	22.77	22.79	22.78		
15	QPSK	1	74	22.64	22.73	22.65		
15	QPSK	36	0	21.60	21.64	21.60	23	1
15	QPSK	36	20	21.31	21.38	21.29		
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.34	21.31		
15	16QAM	1	0	21.55	21.58	21.47	23	1
15	16QAM	1	37	21.41	21.44	21.37		
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54	22	2
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	2
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	3
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.64	22.64	22.67	24	0
10	QPSK	1	25	22.70	22.60	22.77		
10	QPSK	1	49	22.47	22.54	22.59		
10	QPSK	25	0	21.52	21.45	21.45	23	1
10	QPSK	25	12	21.13	21.37	21.23		
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33	23	1
10	16QAM	1	25	21.37	21.41	21.28		
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35	22	2
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	2
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	3
10	64QAM	25	12	19.29	19.25	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	5
10	256QAM	1	25	17.44	17.37	17.47		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.19	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.72	22.73	24	0
5	QPSK	1	12	22.64	22.71	22.74		
5	QPSK	1	24	22.63	22.58	22.62		
5	QPSK	12	0	21.50	21.56	21.45	23	1
5	QPSK	12	7	21.19	21.27	21.27		
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38	23	1
5	16QAM	1	12	21.23	21.40	21.20		
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36	22	2
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	2
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	3
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.31	23.36	23.33	24	0
15	QPSK	1	37	23.24	23.33	23.28		
15	QPSK	1	74	23.17	23.25	23.12		
15	QPSK	36	0	22.03	22.13	22.10	23	1
15	QPSK	36	20	21.79	21.86	21.85		
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94	23	1
15	16QAM	1	37	21.92	21.88	21.90		
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	21.06	22	2
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11	22	2
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	3
15	64QAM	36	20	19.88	19.85	19.98		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.18	23.32	23.19	24	0
10	QPSK	1	25	23.10	23.25	23.20		
10	QPSK	1	49	23.15	23.18	22.95		
10	QPSK	25	0	22.00	22.08	21.97	23	1
10	QPSK	25	12	21.69	21.79	21.75		
10	QPSK	25	25	21.79	21.90	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88	23	1
10	16QAM	1	25	21.86	21.74	21.86		
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96	22	2
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04	22	2
10	64QAM	1	25	20.96	20.94	20.88		
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01	21	3
10	64QAM	25	12	19.82	19.77	19.94		
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95	19	5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.67	17.84	19	5
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.63	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.17	23.21	23.19	24	0
5	QPSK	1	12	23.22	23.18	23.12		
5	QPSK	1	24	23.04	23.17	23.04		
5	QPSK	12	0	21.98	21.98	21.94	23	1
5	QPSK	12	7	21.75	21.68	21.71		
5	QPSK	12	13	21.76	22.02	21.94		
5	QPSK	25	0	21.82	21.81	21.70		
5	16QAM	1	0	22.02	22.00	21.87	23	1
5	16QAM	1	12	21.75	21.81	21.72		
5	16QAM	1	24	22.02	22.09	22.15		
5	16QAM	12	0	20.89	20.79	20.88	22	2
5	16QAM	12	7	20.80	20.85	20.91		
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03	22	2
5	64QAM	1	12	20.84	21.01	20.81		
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97	21	3
5	64QAM	12	7	19.80	19.73	19.85		
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87	19	5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	5
5	256QAM	12	7	17.92	17.94	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.28	23.26	23.30	24	0
3	QPSK	1	8	23.12	23.30	23.25		
3	QPSK	1	14	23.03	23.15	22.97		
3	QPSK	8	0	21.93	22.08	22.07	23	1
3	QPSK	8	4	21.77	21.71	21.72		
3	QPSK	8	7	21.91	21.94	21.82		
3	QPSK	15	0	21.80	21.91	21.84		
3	16QAM	1	0	21.95	22.10	21.80	23	1
3	16QAM	1	8	21.75	21.94	21.77		
3	16QAM	1	14	22.13	22.09	22.10		
3	16QAM	8	0	20.88	20.88	21.00	22	2
3	16QAM	8	4	20.70	20.83	20.92		
3	16QAM	8	7	20.88	20.82	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98	22	2
3	64QAM	1	8	20.86	20.99	20.86		
3	64QAM	1	14	20.73	20.78	20.89		
3	64QAM	8	0	19.94	19.96	19.89	21	3
3	64QAM	8	4	19.71	19.72	19.95		
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.90	17.88	19	5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26907	26915	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.26	23.30	23.21	24	0
1.4	QPSK	1	3	23.22	23.26	23.18		
1.4	QPSK	1	5	23.08	23.24	23.17		
1.4	QPSK	3	0	23.17	23.17	23.16		
1.4	QPSK	3	1	23.01	23.12	23.11		
1.4	QPSK	3	3	23.05	23.05	22.99		
1.4	QPSK	6	0	22.02	22.07	22.00	23	1
1.4	16QAM	1	0	21.68	21.80	21.67	23	1
1.4	16QAM	1	3	21.73	21.90	21.81		
1.4	16QAM	1	5	21.65	21.76	21.69		
1.4	16QAM	3	0	21.97	21.89	21.89		
1.4	16QAM	3	1	21.87	21.75	21.81		
1.4	16QAM	3	3	22.15	22.19	22.03		
1.4	16QAM	6	0	20.90	20.87	20.84	22	2
1.4	64QAM	1	0	20.82	20.89	20.92	22	2
1.4	64QAM	1	3	20.88	20.80	20.76		
1.4	64QAM	1	5	20.90	21.06	20.92		
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.83	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	3
1.4	256QAM	1	0	17.89	17.86	17.95	19	5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	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	22.72	22.76	22.70	24	0
20	QPSK	1	49	22.49	22.55	22.54		
20	QPSK	1	99	22.95	22.91	22.53		
20	QPSK	50	0	21.63	21.69	21.46		
20	QPSK	50	24	21.66	21.65	21.68	23	1
20	QPSK	50	50	21.51	21.50	21.37		
20	QPSK	100	0	21.48	21.66	21.54		
20	16QAM	1	0	21.50	21.67	21.60		
20	16QAM	1	49	21.52	21.62	21.57	23	1
20	16QAM	1	99	21.49	21.58	21.51		
20	16QAM	50	0	20.59	20.67	20.53		
20	16QAM	50	24	20.73	20.62	20.65	22	2
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58		
20	64QAM	1	49	20.44	20.53	20.55	22	2
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51		
20	64QAM	50	24	19.48	19.60	19.25	21	3
20	64QAM	50	50	19.48	19.54	19.66		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48		
20	256QAM	1	49	17.53	17.60	17.45	19	5
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44		
20	256QAM	50	24	17.31	17.49	17.14	19	5
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.59	22.60	24	0
15	QPSK	1	37	22.33	22.49	22.49		
15	QPSK	1	74	22.52	22.44	22.40		
15	QPSK	36	0	21.57	21.52	21.33		
15	QPSK	36	20	21.62	21.53	21.67	23	1
15	QPSK	36	39	21.49	21.47	21.27		
15	QPSK	75	0	21.36	21.52	21.47		
15	16QAM	1	0	21.31	21.63	21.46		
15	16QAM	1	37	21.44	21.60	21.46	23	1
15	16QAM	1	74	21.34	21.40	21.33		
15	16QAM	36	0	20.48	20.60	20.36		
15	16QAM	36	20	20.69	20.45	20.51	22	2
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.55	20.44		
15	64QAM	1	0	20.60	20.43	20.56		
15	64QAM	1	37	20.25	20.49	20.49	22	2
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48		
15	64QAM	36	20	19.29	19.44	19.24	21	3
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38		
15	256QAM	1	37	17.49	17.42	17.28	19	5
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34		
15	256QAM	36	20	17.30	17.35	17.04	19	5
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.55	22.56	22.63	24	0
10	QPSK	1	25	22.43	22.44	22.44		
10	QPSK	1	49	22.60	22.53	22.35		
10	QPSK	25	0	21.58	21.65	21.29		
10	QPSK	25	12	21.62	21.51	21.49	23	1
10	QPSK	25	25	21.43	21.47	21.25		
10	QPSK	50	0	21.35	21.65	21.43		
10	16QAM	1	0	21.34	21.55	21.44		
10	16QAM	1	25	21.46	21.53	21.55	23	1
10	16QAM	1	49	21.35	21.53	21.48		
10	16QAM	25	0	20.52	20.61	20.50		
10	16QAM	25	12	20.54	20.51	20.64	22	2
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.49	20.53	20.39		
10	64QAM	1	25	20.44	20.53	20.37	22	2
10	64QAM	1	49	20.51	20.36	20.19		
10	64QAM	25	0	19.52	19.50	19.33		
10	64QAM	25	12	19.31	19.44	19.14	21	3
10	64QAM	25	25	19.30	19.51	19.52		
10	64QAM	50	0	19.46	19.45	19.30		
10	256QAM	1	0	17.37	17.61	17.42		
10	256QAM	1	25	17.36	17.41	17.42	19	5
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31		
10	256QAM	25	12	17.30	17.34	17.08	19	5
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.58	22.72	22.60	24	0
5	QPSK	1	12	22.33	22.47	22.45		
5	QPSK	1	24	22.63	22.49	22.47		
5	QPSK	12	0	21.46	21.53	21.29		
5	QPSK	12	7	21.62	21.59	21.53	23	1
5	QPSK	12	13	21.51	21.30	21.23		
5	QPSK	25	0	21.46	21.64	21.54		
5	16QAM	1	0	21.45	21.66	21.53		
5	16QAM	1	12	21.36	21.60	21.44	23	1
5	16QAM	1	24	21.33	21.49	21.33		
5	16QAM	12	0	20.43	20.54	20.40		
5	16QAM	12	7	20.65	20.61	20.53	22	2
5	16QAM	12	13	20.37	20.32	20.22		
5	16QAM	25	0	20.54	20.49	20.42		
5	64QAM	1	0	20.55	20.37	20.42		
5	64QAM	1	12	20.25	20.50	20.52	22	2
5	64QAM	1	24	20.48	20.51	20.30		
5	64QAM	12	0	19.54	19.49	19.51		
5	64QAM	12	7	19.38	19.48	19.13	21	3
5	64QAM	12	13	19.29	19.46	19.46		
5	64QAM	25	0	19.51	19.51	19.31		
5	256QAM	1	0	17.37	17.60	17.43		
5	256QAM	1	12	17.51	17.55	17.26	19	5
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44		
5	256QAM	12	7	17.30	17.44	17.07	19	5
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.63	22.55	24	0
3	QPSK	1	8	22.45	22.48	22.52		
3	QPSK	1	14	22.61	22.51	22.38		
3	QPSK	8	0	21.48	21.63	21.32		
3	QPSK	8	4	21.48	21.54	21.52	23	1
3	QPSK	8	7	21.37	21.33	21.26		
3	QPSK	15	0	21.39	21.63	21.36		
3	16QAM	1	0	21.41	21.60	21.43		
3	16QAM	1	8	21.32	21.46	21.51	23	1
3	16QAM	1	14	21.42	21.50	21.34		
3	16QAM	8	0	20.51	20.65	20.47		
3	16QAM	8	4	20.61	20.59	20.58	22	2
3	16QAM	8	7	20.24	20.43	20.37		
3	16QAM	15	0	20.49	20.42	20.42		
3	64QAM	1	0	20.46	20.40	20.43		
3	64QAM	1	8	20.27	20.46	20.54	22	2
3	64QAM	1	14	20.35	20.41	20.22		
3	64QAM	8	0	19.43	19.38	19.46		
3	64QAM	8	4	19.38	19.42	19.14	21	3
3	64QAM	8	7	19.36	19.39	19.48		
3	64QAM	15	0	19.51	19.52	19.27		
3	256QAM	1	0	17.54	17.59	17.46		
3	256QAM	1	8	17.33	17.51	17.42	19	5
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37		
3	256QAM	8	4	17.19	17.41	17.10	19	5
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.57	22.74	22.62		
1.4	QPSK	1	3	22.47	22.44	22.37		
1.4	QPSK	1	5	22.60	22.52	22.36	24	0
1.4	QPSK	3	0	22.57	22.70	22.55		
1.4	QPSK	3	1	22.36	22.44	22.47		
1.4	QPSK	3	3	22.47	22.55	22.50		
1.4	QPSK	6	0	21.58	21.68	21.38	23	1
1.4	16QAM	1	0	21.59	21.50	21.63		
1.4	16QAM	1	3	21.43	21.40	21.24		
1.4	16QAM	1	5	21.36	21.57	21.46	23	1
1.4	16QAM	3	0	21.32	21.62	21.44		
1.4	16QAM	3	1	21.37	21.61	21.54		
1.4	16QAM	3	3	21.39	21.53	21.32		
1.4	16QAM	6	0	20.59	20.57	20.49	22	2
1.4	64QAM	1	0	20.65	20.44	20.49		
1.4	64QAM	1	3	20.31	20.48	20.21		
1.4	64QAM	1	5	20.51	20.42	20.54	22	2
1.4	64QAM	3	0	20.61	20.54	20.53		
1.4	64QAM	3	1	20.25	20.46	20.36		
1.4	64QAM	3	3	20.52	20.47	20.18		
1.4	64QAM	6	0	19.46	19.54	19.12	21	3
1.4	256QAM	1	0	17.37	17.49	17.39		
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49	19	5
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	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	22.81	22.86	22.83	24	0
20	QPSK	1	49	22.76	22.68	22.72		
20	QPSK	1	99	22.84	22.77	22.68		
20	QPSK	50	0	21.80	21.84	21.54		
20	QPSK	50	24	21.81	21.73	21.83	23	1
20	QPSK	50	50	21.71	21.80	21.77		
20	QPSK	100	0	21.76	21.92	21.73		
20	16QAM	1	0	21.69	21.74	21.79		
20	16QAM	1	49	21.70	21.73	21.73	23	1
20	16QAM	1	99	21.63	21.79	21.64		
20	16QAM	50	0	20.67	20.79	20.60		
20	16QAM	50	24	20.81	20.76	20.80	22	2
20	16QAM	50	50	20.60	20.66	20.52		
20	16QAM	100	0	20.87	20.78	20.68		
20	64QAM	1	0	20.78	20.75	20.66		
20	64QAM	1	49	20.60	20.62	20.68	22	2
20	64QAM	1	99	20.68	20.70	20.51		
20	64QAM	50	0	19.75	19.67	19.73		
20	64QAM	50	24	19.67	19.82	19.34	21	3
20	64QAM	50	50	19.58	19.71	19.80		
20	64QAM	100	0	19.64	19.65	19.57		
20	256QAM	1	0	17.76	17.75	17.67		
20	256QAM	1	49	17.64	17.67	17.63	19	5
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55		
20	256QAM	50	24	17.49	17.66	17.33	19	5
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.82	22.71	24	0
15	QPSK	1	37	22.67	22.52	22.56		
15	QPSK	1	74	22.70	22.59	22.55		
15	QPSK	36	0	21.75	21.77	21.52		
15	QPSK	36	20	21.70	21.60	21.73	23	1
15	QPSK	36	39	21.55	21.75	21.62		
15	QPSK	75	0	21.71	21.79	21.56		
15	16QAM	1	0	21.52	21.57	21.64		
15	16QAM	1	37	21.61	21.67	21.66	23	1
15	16QAM	1	74	21.48	21.68	21.53		
15	16QAM	36	0	20.52	20.65	20.47		
15	16QAM	36	20	20.66	20.58	20.68	22	2
15	16QAM	36	39	20.51	20.63	20.45		
15	16QAM	75	0	20.74	20.63	20.62		
15	64QAM	1	0	20.74	20.66	20.49		
15	64QAM	1	37	20.47	20.55	20.64	22	2
15	64QAM	1	74	20.54	20.58	20.33		
15	64QAM	36	0	19.71	19.59	19.70		
15	64QAM	36	20	19.53	19.73	19.70	21	3
15	64QAM	36	39	19.55	19.57	19.77		
15	64QAM	75	0	19.50	19.66	19.56		
15	256QAM	1	0	17.68	17.60	17.55		
15	256QAM	1	37	17.58	17.66	17.51	19	5
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64		
15	256QAM	36	20	17.70	17.65	17.67	19	5
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.69	22.75	22.72	24	0
10	QPSK	1	25	22.71	22.55	22.69		
10	QPSK	1	49	22.77	22.70	22.59		
10	QPSK	25	0	21.69	21.77	21.50		
10	QPSK	25	12	21.66	21.58	21.79	23	1
10	QPSK	25	25	21.66	21.69	21.71		
10	QPSK	50	0	21.68	21.73	21.62		
10	16QAM	1	0	21.58	21.63	21.66		
10	16QAM	1	25	21.60	21.59	21.68	23	1
10	16QAM	1	49	21.49	21.72	21.58		
10	16QAM	25	0	20.51	20.74	20.56		
10	16QAM	25	12	20.65	20.62	20.73	22	2
10	16QAM	25	25	20.53	20.63	20.38		
10	16QAM	50	0	20.77	20.66	20.54		
10	64QAM	1	0	20.68	20.69	20.60		
10	64QAM	1	25	20.55	20.53	20.50	22	2
10	64QAM	1	49	20.62	20.59	20.37		
10	64QAM	25	0	19.67	19.57	19.68		
10	64QAM	25	12	19.51	19.73	19.76	21	3
10	64QAM	25	25	19.63	19.60	19.71		
10	64QAM	50	0	19.59	19.65	19.60		
10	256QAM	1	0	17.59	17.71	17.60		
10	256QAM	1	25	17.55	17.58	17.54	19	5
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61		
10	256QAM	25	12	17.72	17.65	17.61	19	5
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.76	22.78	22.68	24	0
5	QPSK	1	12	22.68	22.52	22.66		
5	QPSK	1	24	22.71	22.65	22.53		
5	QPSK	12	0	21.63	21.78	21.45		
5	QPSK	12	7	21.66	21.61	21.67	23	1
5	QPSK	12	13	21.65	21.72	21.64		
5	QPSK	25	0	21.60	21.73	21.65		
5	16QAM	1	0	21.56	21.70	21.73		
5	16QAM	1	12	21.58	21.70	21.68	23	1
5	16QAM	1	24	21.59	21.61	21.60		
5	16QAM	12	0	20.56	20.71	20.44		
5	16QAM	12	7	20.64	20.62	20.78	22	2
5	16QAM	12	13	20.50	20.58	20.47		
5	16QAM	25	0	20.70	20.68	20.54		
5	64QAM	1	0	20.61	20.64	20.55		
5	64QAM	1	12	20.58	20.45	20.61	22	2
5	64QAM	1	24	20.64	20.67	20.40		
5	64QAM	12	0	19.60	19.56	19.61		
5	64QAM	12	7	19.52	19.66	19.72	21	3
5	64QAM	12	13	19.68	19.57	19.72		
5	64QAM	25	0	19.58	19.64	19.66		
5	256QAM	1	0	17.60	17.71	17.60		
5	256QAM	1	12	17.59	17.59	17.58	19	5
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57		
5	256QAM	12	7	17.73	17.60	17.58	19	5
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.77	22.69	22.67	24	0
3	QPSK	1	8	22.74	22.60	22.69		
3	QPSK	1	14	22.70	22.72	22.51		
3	QPSK	8	0	21.75	21.73	21.41		
3	QPSK	8	4	21.75	21.58	21.72	23	1
3	QPSK	8	7	21.63	21.71	21.72		
3	QPSK	15	0	21.70	21.79	21.66		
3	16QAM	1	0	21.55	21.70	21.67		
3	16QAM	1	8	21.56	21.62	21.67	23	1
3	16QAM	1	14	21.49	21.69	21.57		
3	16QAM	8	0	20.49	20.64	20.58		
3	16QAM	8	4	20.65	20.58	20.66	22	2
3	16QAM	8	7	20.51	20.51	20.42		
3	16QAM	15	0	20.73	20.75	20.63		
3	64QAM	1	0	20.64	20.58	20.57		
3	64QAM	1	8	20.54	20.50	20.64	22	2
3	64QAM	1	14	20.64	20.62	20.37		
3	64QAM	8	0	19.66	19.49	19.61		
3	64QAM	8	4	19.61	19.70	19.69	21	3
3	64QAM	8	7	19.55	19.65	19.78		
3	64QAM	15	0	19.55	19.63	19.59		
3	256QAM	1	0	17.60	17.66	17.59		
3	256QAM	1	8	17.60	17.65	17.55	19	5
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66		
3	256QAM	8	4	17.61	17.63	17.67	19	5
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.40		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.85	22.82		
1.4	QPSK	1	3	22.56	22.58	22.57		
1.4	QPSK	1	5	22.74	22.67	22.55	24	0
1.4	QPSK	3	0	22.69	22.80	22.70		
1.4	QPSK	3	1	22.58	22.61	22.59		
1.4	QPSK	3	3	22.61	22.68	22.70		
1.4	QPSK	6	0	21.66	21.86	21.55	23	1
1.4	16QAM	1	0	21.79	21.72	21.71		
1.4	16QAM	1	3	21.59	21.55	21.35		
1.4	16QAM	1	5	21.54	21.73	21.57	23	1
1.4	16QAM	3	0	21.44	21.69	21.56		
1.4	16QAM	3	1	21.54	21.78	21.72		
1.4	16QAM	3	3	21.56	21.75	21.50		
1.4	16QAM	6	0	20.76	20.80	20.60	22	2
1.4	64QAM	1	0	20.75	20.56	20.62		
1.4	64QAM	1	3	20.50	20.59	20.43		
1.4	64QAM	1	5	20.73	20.64	20.71	22	2
1.4	64QAM	3	0	20.69	20.76	20.71		
1.4	64QAM	3	1	20.48	20.60	20.49		
1.4	64QAM	3	3	20.62	20.66	20.26		
1.4	64QAM	6	0	19.60	19.64	19.28	21	3
1.4	256QAM	1	0	17.55	17.58	17.56		
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61	19	5
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62		
20	QPSK	50	24	21.81	21.75	21.81	23	1
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68		
20	16QAM	1	49	21.70	21.78	21.65	23	1
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62		
20	16QAM	50	24	20.93	20.72	20.85	22	2
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64Q

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BW [MHz]	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	22.90	22.95	22.82	24	0
20	QPSK	1	49	22.59	22.61	22.61		
20	QPSK	1	99	22.60	22.49	22.58		
20	QPSK	50	0	21.45	21.56	21.40	23	1
20	QPSK	50	24	21.17	21.35	21.32		
20	QPSK	50	50	21.30	21.50	21.43		
20	QPSK	100	0	21.35	21.54	21.44		
20	16QAM	1	0	21.64	21.69	21.61	23	1
20	16QAM	1	49	21.52	21.70	21.56		
20	16QAM	1	99	21.39	21.53	21.51		
20	16QAM	50	0	20.37	20.53	20.52	22	2
20	16QAM	50	24	20.25	20.39	20.25		
20	16QAM	50	50	20.39	20.43	20.27		
20	16QAM	100	0	20.35	20.43	20.41		
20	64QAM	1	0	20.55	20.68	20.64	22	2
20	64QAM	1	49	20.54	20.63	20.61		
20	64QAM	1	99	20.31	20.43	20.32		
20	64QAM	50	0	19.39	19.48	19.45	21	3
20	64QAM	50	24	19.23	19.38	19.33		
20	64QAM	50	50	19.39	19.41	19.22		
20	64QAM	100	0	19.19	19.29	19.21		
20	256QAM	1	0	17.69	17.82	17.75	19	5
20	256QAM	1	49	17.52	17.60	17.56		
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40	19	5
20	256QAM	50	24	17.19	17.38	17.32		
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.82	22.85	22.70	24	0
15	QPSK	1	37	22.54	22.60	22.42		
15	QPSK	1	74	22.59	22.36	22.46		
15	QPSK	36	0	21.31	21.47	21.28	23	1
15	QPSK	36	20	21.11	21.17	21.13		
15	QPSK	36	39	21.20	21.35	21.41		
15	QPSK	75	0	21.16	21.36	21.43		
15	16QAM	1	0	21.61	21.63	21.60	23	1
15	16QAM	1	37	21.44	21.68	21.43		
15	16QAM	1	74	21.33	21.52	21.42		
15	16QAM	36	0	20.17	20.46	20.40	22	2
15	16QAM	36	20	20.15	20.27	20.05		
15	16QAM	36	39	20.25	20.40	20.08		
15	16QAM	75	0	20.24	20.41	20.37		
15	64QAM	1	0	20.49	20.57	20.52	22	2
15	64QAM	1	37	20.36	20.54	20.48		
15	64QAM	1	74	20.31	20.28	20.20		
15	64QAM	36	0	19.24	19.34	19.27	21	3
15	64QAM	36	20	19.06	19.36	19.32		
15	64QAM	36	39	19.36	19.37	19.19		
15	64QAM	75	0	19.03	19.21	19.08		
15	256QAM	1	0	17.65	17.75	17.65	19	5
15	256QAM	1	37	17.43	17.48	17.48		
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33	19	5
15	256QAM	36	20	17.01	17.18	17.26		
15	256QAM	36	39	17.11	17.17	17.15		
15	256QAM	75	0	17.22	17.28	17.11		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.81	22.83	22.72	24	0
10	QPSK	1	25	22.48	22.46	22.60		
10	QPSK	1	49	22.55	22.43	22.56		
10	QPSK	25	0	21.29	21.50	21.28	23	1
10	QPSK	25	12	21.05	21.16	21.28		
10	QPSK	25	25	21.11	21.44	21.33		
10	QPSK	50	0	21.17	21.42	21.33		
10	16QAM	1	0	21.47	21.64	21.50	23	1
10	16QAM	1	25	21.36	21.61	21.50		
10	16QAM	1	49	21.26	21.47	21.42		
10	16QAM	25	0	20.20	20.37	20.49	22	2
10	16QAM	25	12	20.07	20.22	20.12		
10	16QAM	25	25	20.38	20.32	20.12		
10	16QAM	50	0	20.27	20.23	20.33		
10	64QAM	1	0	20.40	20.49	20.59	22	2
10	64QAM	1	25	20.39	20.52	20.55		
10	64QAM	1	49	20.16	20.27	20.21		
10	64QAM	25	0	19.37	19.40	19.28	21	3
10	64QAM	25	12	19.19	19.37	19.26		
10	64QAM	25	25	19.26	19.27	19.20		
10	64QAM	50	0	19.18	19.22	19.08		
10	256QAM	1	0	17.50	17.72	17.56	19	5
10	256QAM	1	25	17.32	17.57	17.40		
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24	19	5
10	256QAM	25	12	17.00	17.24	17.19		
10	256QAM	25	25	17.11	17.24	17.18		
10	256QAM	50	0	17.04	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.73	22.76	22.70	24	0
5	QPSK	1	12	22.59	22.48	22.47		
5	QPSK	1	24	22.59	22.35	22.54		
5	QPSK	12	0	21.36	21.43	21.26	23	1
5	QPSK	12	7	21.07	21.19	21.16		
5	QPSK	12	13	21.26	21.46	21.39		
5	QPSK	25	0	21.22	21.47	21.43		
5	16QAM	1	0	21.57	21.51	21.50	23	1
5	16QAM	1	12	21.35	21.62	21.56		
5	16QAM	1	24	21.34	21.52	21.48		
5	16QAM	12	0	20.37	20.43	20.42	22	2
5	16QAM	12	7	20.15	20.33	20.09		
5	16QAM	12	13	20.32	20.30	20.08		
5	16QAM	25	0	20.16	20.34	20.22		
5	64QAM	1	0	20.47	20.49	20.50	22	2
5	64QAM	1	12	20.40	20.52	20.53		
5	64QAM	1	24	20.29	20.42	20.25		
5	64QAM	12	0	19.32	19.42	19.27	21	3
5	64QAM	12	7	19.05	19.30	19.30		
5	64QAM	12	13	19.32	19.33	19.19		
5	64QAM	25	0	19.11	19.10	19.03		
5	256QAM	1	0	17.66	17.69	17.74	19	5
5	256QAM	1	12	17.34	17.58	17.43		
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20	19	5
5	256QAM	12	7	17.09	17.27	17.29		
5	256QAM	12	13	17.17	17.22	17.07		
5	256QAM	25	0	17.10	17.40	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	22.95	23.00	22.85	24	0
10	QPSK	1	25	22.56	22.65	22.58		
10	QPSK	1	49	22.54	22.50	22.55		
10	QPSK	25	0	21.51	21.59	21.45	23	1
10	QPSK	25	12	21.19	21.41	21.36		
10	QPSK	25	25	21.34	21.44	21.46		
10	QPSK	50	0	21.31	21.50	21.48		
10	16QAM	1	0	21.58	21.73	21.61	23	1
10	16QAM	1	25	21.46	21.74	21.55		
10	16QAM	1	49	21.44	21.53	21.55		
10	16QAM	25	0	20.38	20.49	20.46	22	2
10	16QAM	25	12	20.30	20.36	20.28		
10	16QAM	25	25	20.34	20.37	20.21		
10	16QAM	50	0	20.30	20.43	20.40		
10	64QAM	1	0	20.49	20.61	20.60	22	2
10	64QAM	1	25	20.61	20.64	20.58		
10	64QAM	1	49	20.33	20.48	20.33		
10	64QAM	25	0	19.32	19.52	19.48	21	3
10	64QAM	25	12	19.18	19.32	19.32		
10	64QAM	25	25	19.34	19.36	19.26		
10	64QAM	50	0	19.22	19.35	19.23		
10	256QAM	1	0	17.63	17.75	17.80	19	5
10	256QAM	1	25	17.58	17.60	17.61		
10	256QAM	1	49	17.62	17.54	17.59		
10	256QAM	25	0	17.40	17.52	17.37	19	5
10	256QAM	25	12	17.61	17.40	17.59		
10	256QAM	25	25	17.27	17.41	17.16		
10	256QAM	50	0	17.20	17.41	17.25		
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.86	22.84	22.77	24	0
5	QPSK	1	12	22.51	22.48	22.42		
5	QPSK	1	24	22.38	22.36	22.49		
5	QPSK	12	0	21.36	21.50	21.35	23	1
5	QPSK	12	7	21.02	21.25	21.31		
5	QPSK	12	13	21.27	21.34	21.41		
5	QPSK	25	0	21.23	21.38	21.33		
5	16QAM	1	0	21.51	21.64	21.50	23	1
5	16QAM	1	12	21.43	21.59	21.41		
5	16QAM	1	24	21.30	21.47	21.45		
5	16QAM	12	0	20.23	20.44	20.32	22	2
5	16QAM	12	7	20.20	20.27	20.17		
5	16QAM	12	13	20.24	20.27	20.05		
5	16QAM	25	0	20.14	20.34	20.34		
5	64QAM	1	0	20.35	20.47	20.56	22	2
5	64QAM	1	12	20.55	20.51	20.54		
5	64QAM	1	24	20.26	20.38	20.18		
5	64QAM	12	0	19.19	19.35	19.35	21	3
5	64QAM	12	7	19.09	19.21	19.20		
5	64QAM	12	13	19.20	19.29	19.22		
5	64QAM	25	0	19.17	19.22	19.12		
5	256QAM	1	0	17.58	17.68	17.64	19	5
5	256QAM	1	12	17.43	17.57	17.54		
5	256QAM	1	24	17.56	17.48	17.52		
5	256QAM	12	0	17.27	17.39	17.24	19	5
5	256QAM	12	7	17.58	17.32	17.53		
5	256QAM	12	13	17.14	17.29	17.12		
5	256QAM	25	0	17.07	17.35	17.19		

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BW [MHz]	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	13.23	13.36	13.26		
20	QPSK	1	49	13.20	13.25	13.11	14	0
20	QPSK	1	99	13.11	13.18	13.21		
20	QPSK	50	0	13.21	13.33	13.22		
20	QPSK	50	24	13.04	12.96	13.04	14	0
20	QPSK	50	50	13.04	13.12	13.18		
20	QPSK	100	0	13.10	13.24	13.02		
20	16QAM	1	0	13.25	13.24	13.15		
20	16QAM	1	49	13.17	13.08	13.09	14	0
20	16QAM	1	99	12.99	13.07	13.18		
20	16QAM	50	0	13.06	12.98	13.13		
20	16QAM	50	24	13.16	13.18	13.21	14	0
20	16QAM	50	50	13.15	13.14	13.13		
20	16QAM	100	0	13.20	13.10	13.11		
20	64QAM	1	0	13.10	13.11	13.03		
20	64QAM	1	49	13.00	13.07	13.01	14	0
20	64QAM	1	99	13.19	13.26	13.22		
20	64QAM	50	0	13.19	13.04	13.08		
20	64QAM	50	24	13.01	13.19	13.19	14	0
20	64QAM	50	50	13.11	13.27	13.13		
20	64QAM	100	0	13.00	13.22	13.15		
20	256QAM	1	0	13.15	13.23	13.23		
20	256QAM	1	49	13.14	13.25	12.99	14	0
20	256QAM	1	99	13.06	12.90	13.00		
20	256QAM	50	0	13.17	13.17	13.00		
20	256QAM	50	24	12.95	12.87	13.08	14	0
20	256QAM	50	50	12.91	13.02	13.05		
20	256QAM	100	0	13.09	13.13	13.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.86	12.96	13.03		
15	QPSK	1	37	12.85	12.98	12.84	14	0
15	QPSK	1	74	12.85	12.72	12.84		
15	QPSK	36	0	12.89	12.94	12.89		
15	QPSK	36	20	12.78	12.67	12.77	14	0
15	QPSK	36	39	12.67	12.89	12.84		
15	QPSK	75	0	12.81	12.95	12.76		
15	16QAM	1	0	12.96	12.82	12.78		
15	16QAM	1	37	12.85	12.78	12.76	14	0
15	16QAM	1	74	12.72	12.86	12.86		
15	16QAM	36	0	12.72	12.69	12.66		
15	16QAM	36	20	12.87	12.77	12.91	14	0
15	16QAM	36	39	12.79	12.74	12.88		
15	16QAM	75	0	12.91	12.79	12.87		
15	64QAM	1	0	12.74	12.79	12.76		
15	64QAM	1	37	12.71	12.81	12.81	14	0
15	64QAM	1	74	12.90	12.90	12.97		
15	64QAM	36	0	12.98	12.77	12.72		
15	64QAM	36	20	12.97	12.84	12.94	14	0
15	64QAM	36	39	12.84	13.00	12.89		
15	64QAM	75	0	12.78	12.86	12.81		
15	256QAM	1	0	13.02	13.02	13.11		
15	256QAM	1	37	12.88	12.90	12.84	14	0
15	256QAM	1	74	12.91	12.76	12.78		
15	256QAM	36	0	12.93	12.98	12.79		
15	256QAM	36	20	12.75	12.66	12.78	14	0
15	256QAM	36	39	12.72	12.87	12.84		
15	256QAM	75	0	12.85	12.94	12.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.91	12.97	13.05		
10	QPSK	1	25	12.94	12.97	12.79	14	0
10	QPSK	1	49	12.89	12.67	12.84		
10	QPSK	25	0	12.95	12.94	12.88		
10	QPSK	25	12	12.69	12.67	12.78	14	0
10	QPSK	25	25	12.89	12.84	12.84		
10	QPSK	50	0	12.78	13.00	12.73		
10	16QAM	1	0	12.99	13.00	12.83		
10	16QAM	1	25	12.86	12.63	12.83	14	0
10	16QAM	1	49	12.82	12.90	12.82		
10	16QAM	25	0	12.83	12.73	12.84		
10	16QAM	25	12	12.85	12.88	12.91	14	0
10	16QAM	25	25	12.78	12.90	12.86		
10	16QAM	50	0	12.78	12.87	12.88		
10	64QAM	1	0	12.84	12.84	12.74		
10	64QAM	1	25	12.65	12.80	12.66	14	0
10	64QAM	1	49	12.92	12.91	12.97		
10	64QAM	25	0	12.97	12.82	12.76		
10	64QAM	25	12	12.91	12.90	12.87	14	0
10	64QAM	25	25	12.85	12.98	12.78		
10	64QAM	50	0	12.76	12.82	12.86		
10	256QAM	1	0	12.98	13.01	13.02		
10	256QAM	1	25	12.91	12.97	12.80	14	0
10	256QAM	1	49	12.87	12.72	12.94		
10	256QAM	25	0	12.88	13.04	12.87		
10	256QAM	25	12	12.87	12.79	12.91	14	0
10	256QAM	25	25	12.84	12.90	12.91		
10	256QAM	50	0	12.90	13.04	12.83		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.94	13.02	12.96		
5	QPSK	1	12	12.91	12.96	12.84	14	0
5	QPSK	1	24	12.91	12.66	12.96		
5	QPSK	12	0	13.03	13.04	12.90		
5	QPSK	12	7	12.86	12.70	12.82	14	0
5	QPSK	12	13	12.77	12.90	12.94		
5	QPSK	25	0	12.82	12.92	12.74		
5	16QAM	1	0	12.91	12.86	12.79	14	0
5	16QAM	1	12	12.91	12.68	12.75		
5	16QAM	1	24	12.78	12.74	12.82		
5	16QAM	12	0	12.71	12.71	12.79		
5	16QAM	12	7	12.85	12.87	12.97	14	0
5	16QAM	12	13	12.78	12.86	12.85		
5	16QAM	25	0	12.80	12.80	12.78		
5	64QAM	1	0	12.84	12.82	12.70		
5	64QAM	1	12	12.72	12.81	12.78	14	0
5	64QAM	1	24	12.87	12.89	12.82		
5	64QAM	12	0	12.92	12.73	12.76		
5	64QAM	12	7	12.87	12.89	12.84	14	0
5	64QAM	12	13	12.93	12.93	12.79		
5	64QAM	25	0	12.77	12.95	12.84		
5	256QAM	1	0	12.95	12.92	12.98		
5	256QAM	1	12	12.88	12.96	12.74	14	0
5	256QAM	1	24	12.93	12.78	12.77		
5	256QAM	12	0	12.95	12.92	12.92		
5	256QAM	12	7	12.71	12.64	12.70	14	0
5	256QAM	12	13	12.77	12.86	12.73		
5	256QAM	25	0	12.80	12.83	12.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.89	13.00	13.00		
3	QPSK	1	8	12.97	12.98	12.82	14	0
3	QPSK	1	14	12.88	12.73	12.90		
3	QPSK	8	0	13.04	13.00	12.93		
3	QPSK	8	4	12.77	12.62	12.68	14	0
3	QPSK	8	7	12.72	12.81	12.80		
3	QPSK	15	0	12.84	12.90	12.82		
3	16QAM	1	0	12.83	12.83	12.83		
3	16QAM	1	8	12.85	12.78	12.81	14	0
3	16QAM	1	14	12.69	12.84	12.84		
3	16QAM	8	0	12.76	12.72	12.70		
3	16QAM	8	4	12.80	12.80	12.86	14	0
3	16QAM	8	7	12.91	12.78	12.88		
3	16QAM	15	0	12.84	12.88	12.82		
3	64QAM	1	0	12.80	12.79	12.85		
3	64QAM	1	8	12.73	12.77	12.76	14	0
3	64QAM	1	14	12.91	12.90	12.93		
3	64QAM	8	0	12.84	12.74	12.78		
3	64QAM	8	4	13.00	12.83	12.79	14	0
3	64QAM	8	7	12.77	12.87	12.86		
3	64QAM	15	0	12.68	12.95	12.77		
3	256QAM	1	0	12.86	12.92	12.94		
3	256QAM	1	8	12.84	12.96	12.74	14	0
3	256QAM	1	14	12.83	12.90	12.94		
3	256QAM	8	0	12.98	12.96	12.94		
3	256QAM	8	4	12.65	12.76	12.79	14	0
3	256QAM	8	7	12.74	12.76	12.87		
3	256QAM	15	0	12.84	12.88	12.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.96	13.06	13.04		
1.4	QPSK	1	3	12.91	12.94	12.77		
1.4	QPSK	1	5	12.88	12.63	12.85	14	0
1.4	QPSK	3	0	12.88	12.89	12.86		
1.4	QPSK	3	1	12.78	12.73	12.77		
1.4	QPSK	3	3	12.78	12.93	12.82		
1.4	QPSK	6	0	12.87	12.91	12.83	14	0
1.4	16QAM	1	0	12.86	12.95	12.85		
1.4	16QAM	1	3	12.91	12.75	12.92		
1.4	16QAM	1	5	12.78	12.77	12.89	14	0
1.4	16QAM	3	0	12.67	12.68	12.75		
1.4	16QAM	3	1	12.84	12.73	12.97		
1.4	16QAM	3	3	12.83	12.89	12.94		
1.4	16QAM	6	0	12.84	12.78	12.73	14	0
1.4	64QAM	1	0	12.77	12.75	12.81		
1.4	64QAM	1	3	12.73	12.84	12.68		
1.4	64QAM	1	5	12.87	12.94	12.93	14	0
1.4	64QAM	3	0	12.94	12.84	12.79		
1.4	64QAM	3	1	12.93	12.91	12.93		
1.4	64QAM	3	3	12.90	12.97	12.84		
1.4	64QAM	6	0	12.78	12.86	12.76	14	0
1.4	256QAM	1	0	12.84	12.98	12.89		
1.4	256QAM	1	3	12.89	12.91	12.82		
1.4	256QAM	1	5	12.86	12.71	12.87	14	0
1.4	256QAM	3	0	12.93	12.96	12.89		
1.4	256QAM	3	1	12.76	12.74	12.72		
1.4	256QAM	3	3	12.78	12.88	12.83		
1.4	256QAM	6	0	12.76	12.96	12.74	14	0

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BW [MHz]	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	13.37	13.57	13.19		
20	QPSK	1	49	13.27	13.10	13.31	14	0
20	QPSK	1	99	13.41	13.37	13.13		
20	QPSK	50	0	13.38	13.48	13.25		
20	QPSK	50	24	13.23	13.44	13.21	14	0
20	QPSK	50	50	13.32	13.22	13.24		
20	QPSK	100	0	13.24	13.27	13.21		
20	16QAM	1	0	13.21	13.29	13.02		
20	16QAM	1	49	13.10	13.19	13.16	14	0
20	16QAM	1	99	13.15	13.42	13.28		
20	16QAM	50	0	13.32	13.35	13.28		
20	16QAM	50	24	13.17	13.18	13.27	14	0
20	16QAM	50	50	13.20	13.33	13.12		
20	16QAM	100	0	13.15	13.29	13.31		
20	64QAM	1	0	13.16	13.31	13.20		
20	64QAM	1	49	13.25	13.22	13.22	14	0
20	64QAM	1	99	13.24	13.29	13.55		
20	64QAM	50	0	13.26	13.09	13.38		
20	64QAM	50	24	13.04	13.15	13.46	14	0
20	64QAM	50	50	13.31	13.04	13.18		
20	64QAM	100	0	13.32	13.29	13.30		
20	256QAM	1	0	13.32	13.45	13.25		
20	256QAM	1	49	13.05	12.86	13.11	14	0
20	256QAM	1	99	13.34	12.94	13.00		
20	256QAM	50	0	13.27	13.26	13.21		
20	256QAM	50	24	13.10	13.00	13.25	14	0
20	256QAM	50	50	13.23	13.15	13.10		
20	256QAM	100	0	13.00	13.18	13.13		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.34	13.41	13.06		
15	QPSK	1	37	13.10	12.98	13.15	14	0
15	QPSK	1	74	13.20	13.31	12.98		
15	QPSK	36	0	13.25	13.33	13.06		
15	QPSK	36	20	13.05	13.41	13.20	14	0
15	QPSK	36	39	13.13	13.11	13.20		
15	QPSK	75	0	13.24	13.04	13.10		
15	16QAM	1	0	13.17	13.11	12.94		
15	16QAM	1	37	13.08	13.06	13.05	14	0
15	16QAM	1	74	12.99	13.32	13.06		
15	16QAM	36	0	13.17	13.14	13.17		
15	16QAM	36	20	13.08	13.08	13.09	14	0
15	16QAM	36	39	13.07	13.24	12.96		
15	16QAM	75	0	12.97	13.10	12.92		
15	64QAM	1	0	13.11	13.18	13.21		
15	64QAM	1	37	13.24	13.14	13.20	14	0
15	64QAM	1	74	13.09	13.12	13.46		
15	64QAM	36	0	13.22	13.11	13.18		
15	64QAM	36	20	12.84	13.14	13.44	14	0
15	64QAM	36	39	13.21	12.87	13.16		
15	64QAM	75	0	13.13	13.26	13.29		
15	256QAM	1	0	13.29	13.42	13.10		
15	256QAM	1	37	13.02	12.86	13.10	14	0
15	256QAM	1	74	13.22	12.87	13.00		
15	256QAM	36	0	13.25	13.19	13.09		
15	256QAM	36	20	13.02	12.84	13.17	14	0
15	256QAM	36	39	13.25	12.96	13.10		
15	256QAM	75	0	12.80	13.16	13.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.32	13.48	12.98		
10	QPSK	1	25	13.08	13.11	13.11	14	0
10	QPSK	1	49	13.38	13.30	13.13		
10	QPSK	25	0	13.36	13.40	13.10		
10	QPSK	25	12	13.01	13.35	13.23	14	0
10	QPSK	25	25	13.14	13.12	13.23		
10	QPSK	50	0	13.03	13.06	13.28		
10	16QAM	1	0	13.20	13.19	12.96		
10	16QAM	1	25	13.01	13.05	13.14	14	0
10	16QAM	1	49	12.98	13.25	13.12		
10	16QAM	25	0	13.23	13.35	13.20		
10	16QAM	25	12	13.17	13.15	13.07	14	0
10	16QAM	25	25	13.03	13.12	13.13		
10	16QAM	50	0	13.13	13.13	13.13		
10	64QAM	1	0	13.12	13.18	13.20		
10	64QAM	1	25	13.23	13.16	13.22	14	0
10	64QAM	1	49	13.06	13.13	13.49		
10	64QAM	25	0	13.19	13.05	13.24		
10	64QAM	25	12	12.99	12.99	13.28	14	0
10	64QAM	25	25	13.25	12.90	12.99		
10	64QAM	50	0	13.15	13.26	13.10		
10	256QAM	1	0	13.25	13.42	13.06		
10	256QAM	1	25	13.02	12.81	12.94	14	0
10	256QAM	1	49	13.16	12.81	12.85		
10	256QAM	25	0	13.14	13.08	13.04		
10	256QAM	25	12	12.92	12.91	13.22	14	0
10	256QAM	25	25	13.21	13.08	13.01		
10	256QAM	50	0	12.96	13.19	13.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.35	13.56	13.15		
5	QPSK	1	12	13.10	12.90	13.15	14	0
5	QPSK	1	24	13.41	13.30	13.10		
5	QPSK	12	0	13.38	13.37	13.19		
5	QPSK	12	7	13.25	13.35	13.10	14	0
5	QPSK	12	13	13.24	13.24	13.16		
5	QPSK	25	0	13.17	13.19	13.09		
5	16QAM	1	0	13.12	13.23	13.02		
5	16QAM	1	12	13.06	13.04	12.97	14	0
5	16QAM	1	24	13.13	13.23	13.18		
5	16QAM	12	0	13.19	13.31	13.10		
5	16QAM	12	7	13.06	13.14	13.11	14	0
5	16QAM	12	13	13.03	13.25	13.08		
5	16QAM	25	0	13.07	13.23	13.26		
5	64QAM	1	0	13.13	13.16	13.14		
5	64QAM	1	12	13.26	13.13	13.14	14	0
5	64QAM	1	24	13.13	13.29	12.92		
5	64QAM	12	0	13.28	13.03	13.33		
5	64QAM	12	7	12.95	13.10	13.28	14	0
5	64QAM	12	13	13.32	12.85	13.16		
5	64QAM	25	0	12.98	13.25	13.20		
5	256QAM	1	0	13.33	13.34	13.27		
5	256QAM	1	12	12.88	12.67	13.06	14	0
5	256QAM	1	24	13.31	12.75	12.83		
5	256QAM	12	0	13.24	13.25	13.02		
5	256QAM	12	7	13.08	13.02	13.05	14	0
5	256QAM	12	13	13.05	13.04	13.06		
5	256QAM	25	0	12.81	13.16	13.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.28	13.54	13.10		
3	QPSK	1	8	13.06	13.01	13.30	14	0
3	QPSK	1	14	13.41	13.20	13.04		
3	QPSK	8	0	13.35	13.15	13.15		
3	QPSK	8	4	13.03	13.42	13.22	14	0
3	QPSK	8	7	13.18	13.04	13.16		
3	QPSK	15	0	13.19	13.04	13.20		
3	16QAM	1	0	13.13	13.21	12.88		
3	16QAM	1	8	12.99	13.18	13.17	14	0
3	16QAM	1	14	13.15	13.27	13.16		
3	16QAM	8	0	13.21	13.32	13.13		
3	16QAM	8	4	13.03	13.19	13.06	14	0
3	16QAM	8	7	13.22	13.24	13.09		
3	16QAM	15	0	13.02	13.18	13.31		
3	64QAM	1	0	13.17	13.20	13.00		
3	64QAM	1	8	13.05	13.04	13.14	14	0
3	64QAM	1	14	13.20	13.29	13.45		
3	64QAM	8	0	13.20	12.89	13.22		
3	64QAM	8	4	12.89	13.05	13.28	14	0
3	64QAM	8	7	13.21	12.86	13.15		
3	64QAM	15	0	13.19	13.16	13.30		
3	256QAM	1	0	13.14	13.35	13.12		
3	256QAM	1	8	12.96	12.69	12.99	14	0
3	256QAM	1	14	12.72	12.93	12.80		
3	256QAM	8	0	13.19	13.20	13.14		
3	256QAM	8	4	12.96	12.96	13.11	14	0
3	256QAM	8	7	13.07	13.16	13.08		
3	256QAM	15	0	12.94	13.13	13.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.32	13.55	13.07		
1.4	QPSK	1	3	13.23	13.01	13.14		
1.4	QPSK	1	5	13.32	13.28	13.09	14	0
1.4	QPSK	3	0	13.31	13.39	13.15		
1.4	QPSK	3	1	13.13	13.38	13.14		
1.4	QPSK	3	3	13.24	13.18	13.17		
1.4	QPSK	6	0	13.20	13.13	13.17	14	0
1.4	16QAM	1	0	13.11	13.20	12.86		
1.4	16QAM	1	3	12.98	13.16	13.14		
1.4	16QAM	1	5	13.15	13.36	13.22	14	0
1.4	16QAM	3	0	13.27	13.21	13.17		
1.4	16QAM	3	1	12.99	13.00	13.09		
1.4	16QAM	3	3	13.08	13.16	13.08		
1.4	16QAM	6	0	13.10	13.30	13.33	14	0
1.4	64QAM	1	0	13.21	13.16	13.19		
1.4	64QAM	1	3	13.23	13.13	13.16		
1.4	64QAM	1	5	13.17	13.31	13.34	14	0
1.4	64QAM	3	0	13.13	13.01	13.25		
1.4	64QAM	3	1	13.04	13.11	13.40		
1.4	64QAM	3	3	13.13	12.92	13.19		
1.4	64QAM	6	0	13.14	13.18	13.21	14	0
1.4	256QAM	1	0	13.26	13.42	13.06		
1.4	256QAM	1	3	12.97	12.86	12.99		
1.4	256QAM	1	5	13.15	12.72	12.99	14	0
1.4	256QAM	3	0	13.17	13.27	13.11		
1.4	256QAM	3	1	13.11	12.95	13.13		
1.4	256QAM	3	3	13.20	12.97	13.03		
1.4	256QAM	6	0	12.93	12.98	12.97	14	0

Band 4 Ant 4 DSI2

BW [MHz]	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	14.23	14.49	14.37		
20	QPSK	1	49	14.26	14.27	14.37	15.5	0
20	QPSK	1	99	14.24	14.26	14.23		
20	QPSK	50	0	14.36	14.48	14.31		
20	QPSK	50	24	14.32	14.19	14.22	15.5	0
20	QPSK	50	50	14.29	14.19	14.18		
20	QPSK	100	0	14.23	14.38	14.26		
20	16QAM	1	0	14.16	14.15	14.22		
20	16QAM	1	49	14.24	14.21	14.27	15.5	0
20	16QAM	1	99	14.29	14.35	14.14		
20	16QAM	50	0	14.34	14.30	14.23		
20	16QAM	50	24	14.09	14.28	14.21	15.5	0
20	16QAM	50	50	14.22	14.28	14.21		
20	16QAM	100	0	14.32	14.34	14.31

Band 12 Ant 4 DSI2

BW [MHz]	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	19.64	19.87	19.72		
10	QPSK	1	25	19.60	19.62	19.57	21	0
10	QPSK	1	49	19.52	19.70	19.60		
10	QPSK	25	0	19.64	19.68	19.61		
10	QPSK	25	12	19.51	19.48	19.40	21	0
10	QPSK	25	25	19.48	19.65	19.46		
10	QPSK	50	0	19.21	19.91	19.68		
10	16QAM	1	0	19.58	19.49	19.57		
10	16QAM	1	25	19.50	19.67	19.58	21	0
10	16QAM	1	49	19.64	19.74	19.51		
10	16QAM	25	0	19.49	19.60	19.58		
10	16QAM	25	12	19.54	19.51	19.46	21	0
10	16QAM	25	25	19.46	19.86	19.66		
10	16QAM	50	0	19.45	19.56	19.52		
10	64QAM	1	0	19.52	19.70	19.44		
10	64QAM	1	25	19.51	19.84	19.63	21	0
10	64QAM	1	49	19.52	19.62	19.48		
10	64QAM	25	0	19.46	19.53	19.41		
10	64QAM	25	12	19.57	19.78	19.62	21	0
10	64QAM	25	25	19.43	19.40	19.53		
10	64QAM	50	0	19.41	19.49	19.53		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	2
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	2
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	19.48	19.68	19.54		
5	QPSK	1	12	19.62	19.60	19.36	21	0
5	QPSK	1	24	19.44	19.57	19.44		
5	QPSK	12	0	19.59	19.49	19.53		
5	QPSK	12	7	19.39	19.30	19.28	21	0
5	QPSK	12	13	19.33	19.46	19.34		
5	QPSK	25	0	19.49	19.67	19.53		
5	16QAM	1	0	19.45	19.47	19.51		
5	16QAM	1	12	19.38	19.60	19.49	21	0
5	16QAM	1	24	19.49	19.72	19.32		
5	16QAM	12	0	19.50	19.59	19.50		
5	16QAM	12	7	19.52	19.40	19.29	21	0
5	16QAM	12	13	19.32	19.80	19.47		
5	16QAM	25	0	19.30	19.58	19.50		
5	64QAM	1	0	19.40	19.63	19.35		
5	64QAM	1	12	19.44	19.77	19.54	21	0
5	64QAM	1	24	19.39	19.64	19.31		
5	64QAM	12	0	19.44	19.38	19.40		
5	64QAM	12	7	19.54	19.66	19.42	21	0
5	64QAM	12	13	19.39	19.25	19.32		
5	64QAM	25	0	19.26	19.29	19.49		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.40	17.52	19	2
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	2
5	256QAM	12	13	17.28	17.26	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	19.65	19.67	19.63		
3	QPSK	1	8	19.49	19.62	19.50	21	0
3	QPSK	1	14	19.45	19.65	19.55		
3	QPSK	8	0	19.64	19.67	19.39		
3	QPSK	8	4	19.48	19.28	19.41	21	0
3	QPSK	8	7	19.33	19.50	19.37		
3	QPSK	15	0	19.33	19.81	19.63		
3	16QAM	1	0	19.54	19.46	19.50		
3	16QAM	1	8	19.48	19.51	19.37	21	0
3	16QAM	1	14	19.42	19.68	19.43		
3	16QAM	8	0	19.45	19.48	19.59		
3	16QAM	8	4	19.50	19.53	19.42	21	0
3	16QAM	8	7	19.27	19.66	19.62		
3	16QAM	15	0	19.25	19.49	19.46		
3	64QAM	1	0	19.54	19.48	19.41		
3	64QAM	1	8	19.40	19.70	19.59	21	0
3	64QAM	1	14	19.44	19.49	19.38		
3	64QAM	8	0	19.40	19.50	19.34		
3	64QAM	8	4	19.38	19.59	19.64	21	0
3	64QAM	8	7	19.27	19.34	19.45		
3	64QAM	15	0	19.28	19.42	19.53		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	2
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	2
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	19.50	19.74	19.70		
1.4	QPSK	1	3	19.52	19.58	19.54		
1.4	QPSK	1	5	19.47	19.68	19.61	21	0
1.4	QPSK	3	0	19.53	19.63	19.47		
1.4	QPSK	3	1	19.42	19.45	19.36		
1.4	QPSK	3	3	19.47	19.66	19.33		
1.4	QPSK	6	0	19.44	19.73	19.69	21	0
1.4	16QAM	1	0	19.51	19.28	19.44		
1.4	16QAM	1	3	19.49	19.62	19.45		
1.4	16QAM	1	5	19.53	19.75	19.38	21	0
1.4	16QAM	3	0	19.35	19.38	19.56		
1.4	16QAM	3	1	19.33	19.53	19.35		
1.4	16QAM	3	3	19.47	19.78	19.61		
1.4	16QAM	6	0	19.45	19.57	19.44	21	0
1.4	64QAM	1	0	19.36	19.67	19.25		
1.4	64QAM	1	3	19.38	19.72	19.63		
1.4	64QAM	1	5	19.33	19.54	19.37	21	0
1.4	64QAM	3	0	19.30	19.32	19.31		
1.4	64QAM	3	1	19.38	19.61	19.50		
1.4	64QAM	3	3	19.25	19.20	19.42		
1.4	64QAM	6	0	19.28	19.48	19.51	21	0
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	2
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	2

Band 12 Ant 4 DSI2 sig path：300

BW [MHz]	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	19.60	19.85	19.72		
10	QPSK	1	25	19.43	19.52	19.58	21	0
10	QPSK	1	49	19.42	19.72	19.41		
10	QPSK	25	0	19.57	19.63	19.61		
10	QPSK	25	12	19.45	19.47	19.37	21	0
10	QPSK	25	25	19.32	19.61	19.37		
10	QPSK	50	0	19.48	19.82	19.61		
10	16QAM	1	0	19.43	19.31	19.53		
10	16QAM	1	25	19.35	19.60	19.39	21	0
10	16QAM	1	49	19.46	19.69	19.41		
10	16QAM	25	0	19.49	19.57	19.42		
10	16QAM	25	12	19.45	19.34	19.29	21	0
10	16QAM	25	25	19.39	19.85	19.49		
10	16QAM	50	0	19.34	19.40	19.51		
10	64QAM	1	0	19.42	19.56	19.26		
10	64QAM	1	25	19.36	19.69	19.65	21	0
10	64QAM	1	49	19.53	19.49	19.47		
10	64QAM	25	0	19.32	19.52	19.28		
10	64QAM	25	12	19.37	19.58	19.59	21	0
10	64QAM	25	25	19.31	19.35	19.52		
10	64QAM	50	0	19.29	19.41	19.40		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	2
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	2
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	19.51	19.70	19.60		
5	QPSK	1	12	19.43	19.61	19.54	21	0
5	QPSK	1	24	19.46	19.54	19.39		
5	QPSK	12	0	19.65	19.68	19.62		
5	QPSK	12	7	19.47	19.40	19.26	21	0
5	QPSK	12	13	19.33	19.47	19.36		
5	QPSK	25	0	19.36	19.68	19.63		
5	16QAM	1	0	19.54	19.32	19.58		
5	16QAM	1	12	19.38	19.46	19.38	21	0
5	16QAM	1	24	19.62	19.73	19.42		
5	16QAM	12	0	19.42	19.47	19.46		
5	16QAM	12	7	19.44	19.47	19.34	21	0
5	16QAM	12	13	19.26	19.66	19.47		
5	16QAM	25	0	19.33	19.48	19.51		
5	64QAM	1	0	19.47	19.49	19.38		
5	64QAM	1	12	19.39	19.83	19.57	21	0
5	64QAM	1	24	19.44	19.55	19.29		
5	64QAM	12	0	19.28	19.35	19.28		
5	64QAM	12	7	19.57	19.75	19.53	21	0
5	64QAM	12	13	19.41	19.21	19.54		
5	64QAM	25	0	19.28	19.45	19.40		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	2
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	2
5	256QAM	12	13	17.80	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	19.63	19.75	19.73		
3	QPSK	1	8	19.59	19.62	19.39	21	0
3	QPSK	1	14	19.33	19.59	19.55		
3	QPSK	8	0	19.55	19.52	19.59		
3	QPSK	8	4	19.32	19.47	19.38	21	0
3	QPSK	8	7	19.41	19.58	19.34		
3	QPSK	15	0	19.44	19.82	19.59		
3	16QAM	1	0	19.59	19.31	19.40		
3	16QAM	1	8	19.42	19.60	19.37	21	0
3	16QAM	1	14	19.56	19.70	19.47		
3	16QAM	8	0	19.43	19.39	19.40		
3	16QAM	8	4	19.47	19.52	19.28	21	0
3	16QAM	8	7	19.48	19.74	19.53		
3	16QAM	15	0	19.40	19.36	19.38		
3	64QAM	1	0	19.52	19.62	19.43		
3	64QAM	1	8	19.35	19.65	19.59	21	0
3	64QAM	1	14	19.47	19.54	19.32		
3	64QAM	8	0	19.28	19.51	19.42		
3	64QAM	8	4	19.37	19.57	19.50	21	0
3	64QAM	8	7	19.42	19.35	19.44		
3	64QAM	15	0	19.42	19.28	19.53		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	2
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	2
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	19.53	19.80	19.62		
1.4	QPSK	1	3	19.53	19.49	19.43		
1.4	QPSK	1	5	19.45	19.56	19.38	21	0
1.4	QPSK	3	0	19.64	19.55	19.42		
1.4	QPSK	3	1	19.40	19.47	19.31		
1.4	QPSK	3	3	19.48	19.66	19.46		
1.4	QPSK	6	0	19.34	19.74	19.67	21	0
1.4	16QAM	1	0	19.46	19.33	19.54		
1.4	16QAM	1	3	19.40	19.47	19.56		
1.4	16QAM	1	5	19.48	19.56	19.42	21	0
1.4	16QAM	3	0	19.30	19.46	19.40		
1.4	16QAM	3	1	19.37	19.48	19.35		
1.4	16QAM	3	3	19.34	19.77	19.62		
1.4	16QAM	6	0	19.26	19.37	19.41	21	0
1.4	64QAM	1	0	19.52	19.48	19.32		
1.4	64QAM	1	3	19.42	19.78	19.43		
1.4	64QAM	1	5	19.35	19.57	19.38	21	0
1.4	64QAM	3	0	19.39	19.41	19.24		
1.4	64QAM	3	1	19.46	19.75	19.50		
1.4	64QAM	3	3	19.24	19.42	19.33		
1.4	64QAM	6	0	19.32	19.50	19.43	21	0
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	2
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	2

Band 13 Ant 4 DSI2

BW [MHz]	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		19.81			
10	QPSK	1	25		19.61		20.5	0
10	QPSK	1	49		19.59			
10	QPSK	25	0		19.75			
10	QPSK	25	12		19.67		20.5	0
10	QPSK	25	25		19.60			
10	QPSK	50	0		19.63			
10	16QAM	1	0		19.67			
10	16QAM	1	25		19.74		20.5	0
10	16QAM	1	49		19.79			
10	16QAM	25	0		19.70			
10	16QAM	25	12		19.60		20.5	0
10	16QAM	25	25		19.68			
10	16QAM	50	0		19.50			
10	64QAM	1	0		19.66			
10	64QAM	1	25		19.55		20.5	0
10	64QAM	1	49		19.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		20.5	0
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	1.5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	1.5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	19.65	19.67	19.73		
5	QPSK	1	12	19.59	19.59	19.61	20.5	0
5	QPSK	1	24	19.61	19.60	19.47		
5	QPSK	12	0	19.62	19.65	19.64		
5	QPSK	12	7	19.63	19.54	19.57	20.5	0
5	QPSK	12	13	19.47	19.53	19.49		
5	QPSK	25	0	19.47	19.52	19.60		
5	16QAM	1	0	19.69	19.67	19.74		
5	16QAM	1	12	19.60	19.65	19.74	20.5	0
5	16QAM	1	24	19.72	19.75	19.65		
5	16QAM	12	0	19.58	19.58	19.59		
5	16QAM	12	7	19.51	19.50	19.61	20.5	0
5	16QAM	12	13	19.46	19.49	19.59		
5	16QAM	25	0	19.43	19.39	19.36		
5	64QAM	1	0	19.59	19.57	19.57		
5	64QAM	1	12	19.44	19.39	19.37	20.5	0
5	64QAM	1	24	19.55	19.42	19.41		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	20.5	0
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	1.5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	1.5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI2 sig path：378

BW [MHz]	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		19.66			
10	QPSK	1	25		19.39		20.5	0
10	QPSK	1	49		19.33			
10	QPSK	25	0		19.50			
10	QPSK	25	12		19.49		20.5	0
10	QPSK	25	25		19.45			
10	QPSK	50	0		19.46			
10	16QAM	1	0		19.44			
10	16QAM	1	25		19.52		20.5	0
10	16QAM	1	49		19.64			
10	16QAM	25	0		19.51			
10	16QAM	25	12		19.36		20.5	0
10	16QAM	25	25		19.53			
10	16QAM	50	0		19.34			
10	64QAM	1	0		19.47			
10	64QAM	1	25		19.32		20.5	0
10	64QAM	1	49		19.39			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		20.5	0
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	1.5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	1.5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	19.43	19.46	19.53		
5	QPSK	1	12	19.36	19.37	19.40	20.5	0
5	QPSK	1	24	19.42	19.37	19.21		
5	QPSK	12	0	19.48	19.42	19.46		
5	QPSK	12	7	19.47	19.40	19.37	20.5	0
5	QPSK	12	13	19.30	19.38	19.27		
5	QPSK	25	0	19.23	19.37	19.38		
5	16QAM	1	0	19.45	19.53	19.57		
5	16QAM	1	12	19.37	19.49	19.50	20.5	0
5	16QAM	1	24	19.48	19.50	19.42		
5	16QAM	12	0	19.39	19.39	19.38		
5	16QAM	12	7	19.33	19.26	19.39	20.5	0
5	16QAM	12	13	19.28	19.31	19.38		
5	16QAM	25	0	19.23	19.15	19.11		
5	64QAM	1	0	19.40	19.40	19.39		
5	64QAM	1	12	19.21	19.17	19.16	20.5	0
5	64QAM	1	24	19.37	19.17	19.19		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	20.5	0
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	1.5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	1.5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		19.82		20.5	0
10	QPSK	1	25		19.63			
10	QPSK	1	49		19.59			
10	QPSK	25	0		19.81		20.5	0
10	QPSK	25	12		19.72			
10	QPSK	25	25		19.54			
10	QPSK	50	0		19.60			
10	16QAM	1	0		19.65		20.5	0
10	16QAM	1	25		19.73			
10	16QAM	1	49		19.80			
10	16QAM	25	0		19.66		20.5	0
10	16QAM	25	12		19.58			
10	16QAM	25	25		19.65			
10	16QAM	50	0		19.53			
10	64QAM	1	0		19.70		20.5	0
10	64QAM	1	25		19.52			
10	64QAM	1	49		19.59			
10	64QAM	25	0		19.62		20.5	0
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	1.5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	1.5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	19.43	19.48	19.52	20.5	0
5	QPSK	1	12	19.34	19.34	19.45		
5	QPSK	1	24	19.47	19.41	19.19		
5	QPSK	12	0	19.47	19.36	19.40	20.5	0
5	QPSK	12	7	19.49	19.37	19.36		
5	QPSK	12	13	19.32	19.44	19.24		
5	QPSK	25	0	19.29	19.38	19.36		
5	16QAM	1	0	19.39	19.54	19.56	20.5	0
5	16QAM	1	12	19.37	19.50	19.53		
5	16QAM	1	24	19.50	19.53	19.37		
5	16QAM	12	0	19.39	19.36	19.37	20.5	0
5	16QAM	12	7	19.29	19.24	19.36		
5	16QAM	12	13	19.32	19.33	19.40		
5	16QAM	25	0	19.27	19.17	19.08		
5	64QAM	1	0	19.36	19.39	19.38	20.5	0
5	64QAM	1	12	19.22	19.13	19.14		
5	64QAM	1	24	19.41	19.15	19.24		
5	64QAM	12	0	19.50	19.49	19.55	20.5	0
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	1.5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	1.5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI2 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		19.72		20.5	0
10	QPSK	1	25		19.55			
10	QPSK	1	49		19.48			
10	QPSK	25	0		19.67		20.5	0
10	QPSK	25	12		19.52			
10	QPSK	25	25		19.55			
10	QPSK	50	0		19.55			
10	16QAM	1	0		19.62		20.5	0
10	16QAM	1	25		19.59			
10	16QAM	1	49		19.65			
10	16QAM	25	0		19.59		20.5	0
10	16QAM	25	12		19.47			
10	16QAM	25	25		19.56			
10	16QAM	50	0		19.40			
10	64QAM	1	0		19.50		20.5	0
10	64QAM	1	25		19.46			
10	64QAM	1	49		19.52			
10	64QAM	25	0		19.60		20.5	0
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	1.5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	1.5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	19.34	19.30	19.45	20.5	0
5	QPSK	1	12	19.26	19.28	19.27		
5	QPSK	1	24	19.36	19.30	19.05		
5	QPSK	12	0	19.40	19.31	19.37	20.5	0
5	QPSK	12	7	19.33	19.30	19.29		
5	QPSK	12	13	19.23	19.33	19.23		
5	QPSK	25	0	19.17	19.29	19.27		
5	16QAM	1	0	19.36	19.48	19.46	20.5	0
5	16QAM	1	12	19.32	19.42	19.44		
5	16QAM	1	24	19.43	19.41	19.26		
5	16QAM	12	0	19.23	19.25	19.24	20.5	0
5	16QAM	12	7	19.24	19.12	19.33		
5	16QAM	12	13	19.20	19.26	19.31		
5	16QAM	25	0	19.08	19.00	19.04		
5	64QAM	1	0	19.25	19.26	19.34	20.5	0
5	64QAM	1	12	19.08	19.02	19.11		
5	64QAM	1	24	19.24	19.07	19.05		
5	64QAM	12	0	19.55	19.46	19.47	20.5	0
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	1.5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	1.5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 25 Ant 4 DSI2

BW [MHz]	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	13.18	13.24	13.12	14	0
20	QPSK	1	49	12.94	13.04	13.07		
20	QPSK	1	99	12.85	13.02	12.91		
20	QPSK	50	0	13.14	13.10	13.02		
20	QPSK	50	24	13.12	13.19	13.15		
20	QPSK	50	50	12.90	13.09	13.17		
20	QPSK	100	0	13.04	13.10	12.97		
20	16QAM	1	0	13.15	13.09	13.08		
20	16QAM	1	49	13.08	13.02	13.07	14	0
20	16QAM	1	99	13.05	12.96	13.04		
20	16QAM	50	0	12.88	13.08	13.06		
20	16QAM	50	24	13.09	12.93	13.22	14	0
20	16QAM	50	50	13.00	13.06	13.05		
20	16QAM	100	0	13.06	13.04	12.95		
20	64QAM	1	0	12.98	13.02	13.12		
20	64QAM	1	49	13.00	13.08	12.99	14	0
20	64QAM	1	99	12.92	12.94	13.14		
20	64QAM	50	0	13.08	13.01	12.92		
20	64QAM	50	24	13.16	12.92	12.99	14	0
20	64QAM	50	50	13.13	13.02	13.04		
20	64QAM	100	0	13.00	13.13	13.12		
20	256QAM	1	0	13.03	13.14	13.05		
20	256QAM	1	49	12.86	13.01	13.04	14	0
20	256QAM	1	99	12.85	12.99	12.83		
20	256QAM	50	0	12.93	13.09	13.01		
20	256QAM	50	24	12.87	12.88	13.15	14	0
20	256QAM	50	50	12.91	13.01	13.06		
20	256QAM	100	0	13.06	13.00	12.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	13.01	13.04	13.14	14	0
15	QPSK	1	37	12.89	12.96	12.96		
15	QPSK	1	74	12.75	12.94	12.88		
15	QPSK	36	0	13.12	13.13	12.99	14	0
15	QPSK	36	20	12.98	12.82	13.07		
15	QPSK	36	39	12.84	13.10	13.01		
15	QPSK	75	0	12.94	13.04	12.90		
15	16QAM	1	0	12.97	12.90	12.96	14	0
15	16QAM	1	37	12.97	12.91	12.93		
15	16QAM	1	74	12.92	12.96	12.95		
15	16QAM	36	0	12.88	12.95	13.04	14	0
15	16QAM	36	20	12.92	12.87	13.06		
15	16QAM	36	39	12.94	13.03	12.99		
15	16QAM	75	0	12.92	12.96	12.86		
15	64QAM	1	0	12.91	12.82	12.97	14	0
15	64QAM	1	37	12.92	12.97	12.79		
15	64QAM	1	74	12.80	12.88	13.00		
15	64QAM	36	0	12.99	12.92	12.83	14	0
15	64QAM	36	20	13.08	12.75	12.84		
15	64QAM	36	39	12.99	12.87	12.93		
15	64QAM	75	0	12.93	13.10	12.87		
15	256QAM	1	0	13.14	13.11	13.10	14	0
15	256QAM	1	37	12.89	12.93	13.01		
15	256QAM	1	74	12.73	12.88	12.94		
15	256QAM	36	0	12.99	13.10	13.01	14	0
15	256QAM	36	20	12.89	12.87	13.08		
15	256QAM	36	39	12.76	13.10	13.00		
15	256QAM	75	0	12.96	13.11	13.02		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1880	1910		
10	QPSK	1	0	13.07	13.10	13.03	14	0
10	QPSK	1	25	12.93	12.98	13.05		
10	QPSK	1	49	12.76	12.85	12.86		
10	QPSK	25	0	13.00	13.05	13.05	14	0
10	QPSK	25	12	12.93	12.80	12.95		
10	QPSK	25	25	12.82	12.97	13.07		
10	QPSK	50	0	13.03	13.07	12.85		
10	16QAM	1	0	13.08	12.96	12.92	14	0
10	16QAM	1	25	13.04	12.90	12.93		
10	16QAM	1	49	12.86	12.85	12.89		
10	16QAM	25	0	12.79	12.94	12.95	14	0
10	16QAM	25	12	12.99	12.76	13.01		
10	16QAM	25	25	12.96	12.95	12.98		
10	16QAM	50	0	12.99	12.92	12.79		
10	64QAM	1	0	12.86	12.85	13.03	14	0
10	64QAM	1	25	12.98	13.06	12.90		
10	64QAM	1	49	12.91	12.95	13.01		
10	64QAM	25	0	12.96	13.03	12.80	14	0
10	64QAM	25	12	13.08	12.87	12.96		
10	64QAM	25	25	12.95	12.86	12.82		
10	64QAM	50	0	12.89	13.06	13.00		
10	256QAM	1	0	13.16	13.07	13.06	14	0
10	256QAM	1	25	12.87	12.91	12.97		
10	256QAM	1	49	12.89	12.92	12.84		
10	256QAM	25	0	13.04	12.95	12.93	14	0
10	256QAM	25	12	13.03	12.91	13.04		
10	256QAM	25	25	12.92	13.05	12.94		
10	256QAM	50	0	13.01	12.99	12.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.08	13.10	13.15	14	0
5	QPSK	1	12	12.89	12.98	12.96		
5	QPSK	1	24	12.83	12.88	12.85		
5	QPSK	12	0	13.01	13.04	12.86	14	0
5	QPSK	12	7	12.98	12.88	13.03		
5	QPSK	12	13	12.81	13.01	13.02		
5	QPSK	25	0	12.91	12.94	12.92		
5	16QAM	1	0	13.06	12.86	12.85	14	0
5	16QAM	1	12	12.98	12.79	12.88		
5	16QAM	1	24	12.97	12.82	12.80		
5	16QAM	12	0	12.83	13.01	12.99	14	0
5	16QAM	12	7	12.95	12.90	13.16		
5	16QAM	12	13	12.98	12.96	12.95		
5	16QAM	25	0	12.93	12.99	12.87		
5	64QAM	1	0	12.95	12.82	13.04	14	0
5	64QAM	1	12	12.95	13.10	12.79		
5	64QAM	1	24	12.87	12.85	12.93		
5	64QAM	12	0	13.05	12.92	12.88	14	0
5	64QAM	12	7	13.04	12.77	12.89		
5	64QAM	12	13	12.95	12.94	12.82		
5	64QAM	25	0	12.88	12.96	12.99		
5	256QAM	1	0	13.08	13.11	13.11	14	0
5	256QAM	1	12	12.95	13.05	13.16		
5	256QAM	1	24	12.84	12.96	12.84		
5	256QAM	12	0	13.03	13.15	12.90	14	0
5	256QAM	12	7	13.05	12.84	13.11		
5	256QAM	12	13	12.78	13.03	12.94		
5	256QAM	25	0	12.99	13.03	12.89		
Channel				26035	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	12.99	13.13	13.12	14	0
3	QPSK	1	8	12.92	12.99	13.04		
3	QPSK	1	14	12.80	12.95	12.85		
3	QPSK	8	0	13.00	13.11	12.94	14	0
3	QPSK	8	4	12.99	12.85	12.96		
3	QPSK	8	7	12.86	12.97	13.06		
3	QPSK	15	0	13.05	12.99	12.90		
3	16QAM	1	0	13.01	12.92	12.91	14	0
3	16QAM	1	8	13.12	12.87	12.99		
3	16QAM	1	14	12.92	12.99	12.85		
3	16QAM	8	0	12.83	12.90	12.98	14	0
3	16QAM	8	4	12.95	12.76	13.10		
3	16QAM	8	7	12.98	12.94	13.03		
3	16QAM	15	0	12.93	13.07	12.84		
3	64QAM	1	0	12.95	12.90	13.00	14	0
3	64QAM	1	8	12.92	13.01	12.76		
3	64QAM	1	14	12.84	12.93	12.95		
3	64QAM	8	0	13.00	12.96	12.79	14	0
3	64QAM	8	4	13.10	12.78	12.93		
3	64QAM	8	7	13.04	12.97	12.90		
3	64QAM	15	0	12.99	13.08	12.95		
3	256QAM	1	0	13.11	13.11	13.10	14	0
3	256QAM	1	8	12.99	12.92	13.02		
3	256QAM	1	14	12.79	12.83	12.87		
3	256QAM	8	0	13.01	13.02	12.98	14	0
3	256QAM	8	4	12.98	12.78	13.03		
3	256QAM	8	7	12.82	12.93	13.02		
3	256QAM	15	0	12.95	12.96	12.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	12.99	13.04	13.05	14	0
1.4	QPSK	1	3	12.84	12.92	13.07		
1.4	QPSK	1	5	12.83	12.96	12.81		
1.4	QPSK	3	0	13.05	13.12	13.01		
1.4	QPSK	3	1	13.03	12.89	12.97		
1.4	QPSK	3	3	12.89	12.96	13.03		
1.4	QPSK	6	0	12.98	12.93	12.84	14	0
1.4	16QAM	1	0	12.99	12.93	12.99	14	0
1.4	16QAM	1	3	12.96	12.92	12.90		
1.4	16QAM	1	5	12.98	12.95	12.97		
1.4	16QAM	3	0	12.85	12.88	12.97		
1.4	16QAM	3	1	12.98	12.88	13.10		
1.4	16QAM	3	3	12.94	13.00	13.03		
1.4	16QAM	6	0	12.86	12.96	12.84	14	0
1.4	64QAM	1	0	12.90	12.83	12.97	14	0
1.4	64QAM	1	3	12.97	12.94	12.80		
1.4	64QAM	1	5	12.78	12.89	12.97		
1.4	64QAM	3	0	12.92	12.87	12.81		
1.4	64QAM	3	1	13.03	12.84	12.95		
1.4	64QAM	3	3	13.08	12.99	12.92		
1.4	64QAM	6	0	12.98	13.09	12.92	14	0
1.4	256QAM	1	0	13.07	13.16	13.17	14	0
1.4	256QAM	1	3	12.79	12.85	12.96		
1.4	256QAM	1	5	12.76	12.92	12.91		
1.4	256QAM	3	0	13.16	12.95	12.81		
1.4	256QAM	3	1	12.96	12.88	13.06		
1.4	256QAM	3	3	12.85	13.06	13.15		
1.4	256QAM	6	0	13.02	13.00	12.98	14	0

Band 26 for FCC Ant 4 DSI2

BW [MHz]	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	22.17	22.25	22.15	23	0
15	QPSK	1	37	21.97	22.15	22.07		
15	QPSK	1	74	21.95	21.98	21.96		
15	QPSK	36	0	22.11	22.15	22.09	22.5	0.5
15	QPSK	36	20	22.09	21.98	22.03		
15	QPSK	36	39	22.01	22.02	22.04		
15	QPSK	75	0	22.08	22.12	22.10		
15	16QAM	1	0	22.01	22.09	22.02	22.5	0.5
15	16QAM	1	37	21.98	21.98	22.07		
15	16QAM	1	74	21.94	22.07	22.13		
15	16QAM	36	0	22.05	22.07	22.08	21.5	1.5
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	21.99	20.53	20.49	21.5	1.5
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	20.5	2.5
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	18.5	4.5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	18.5	4.5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.42	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.13	22.19	22.00	23	0
10	QPSK	1	25	21.87	22.04	22.02		
10	QPSK	1	49	21.84	21.84	21.85		
10	QPSK	25	0	22.01	22.02	22.00	22.5	0.5
10	QPSK	25	12	21.99	21.89	21.92		
10	QPSK	25	25	21.91	21.97	21.91		
10	QPSK	50	0	21.95	21.99	21.99		
10	16QAM	1	0	21.86	21.97	21.90	22.5	0.5
10	16QAM	1	25	21.83	21.83	21.91		
10	16QAM	1	49	21.89	21.93	22.01		
10	16QAM	25	0	20.49	20.49	20.36	21.5	1.5
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	21.5	1.5
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	20.5	2.5
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	18.5	4.5
10	256QAM	1	25	17.45	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	18.5	4.5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.36	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.14	22.09	23	0
5	QPSK	1	12	21.82	22.06	21.94		
5	QPSK	1	24	21.88	21.93	21.84		
5	QPSK	12	0	22.02	22.09	21.94	22.5	0.5
5	QPSK	12	7	21.99	21.91	21.96		
5	QPSK	12	13	21.96	21.93	22.00		
5	QPSK	25	0	21.96	22.04	22.06		
5	16QAM	1	0	21.95	22.04	21.88	22.5	0.5
5	16QAM	1	12	21.83	21.92	22.03		
5	16QAM	1	24	21.82	21.93	21.98		
5	16QAM	12	0	20.53	20.56	20.30	21.5	1.5
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	21.5	1.5
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	20.5	2.5
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	18.5	4.5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		

Band 26 for FCC Ant 4 DSI2 sig path：320

BW [MHz]	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	22.64	22.70	22.67	23	0
15	QPSK	1	37	22.61	22.57	22.57		
15	QPSK	1	74	22.52	22.53	22.55		
15	QPSK	36	0	21.97	22.05	21.96	22.5	0.5
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	22.5	0.5
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.96		
15	16QAM	36	0	20.92	20.91	20.96	21.5	1.5
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	21.5	1.5
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	20.5	2.5
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	18.5	4.5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	18.5	4.5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.54	22.64	22.58	23	0
10	QPSK	1	25	22.46	22.53	22.49		
10	QPSK	1	49	22.48	22.49	22.52		
10	QPSK	25	0	21.90	21.88	21.79	22.5	0.5
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	22.5	0.5
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	21.5	1.5
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	21.5	1.5
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	20.5	2.5
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	18.5	4.5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	18.5	4.5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.55	22.52	22.66	23	0
5	QPSK	1	12	22.50	22.49	22.55		
5	QPSK	1	24	22.46	22.52	22.49		
5	QPSK	12	0	21.81	22.02	21.81	22.5	0.5
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	22.5	0.5
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	21.5	1.5
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	21.5	1.5
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	20.5	2.5
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.87	17.53	18.5	4.5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	18.5	4.5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.62	22.61	22.49	23	0
3	QPSK	1	8	22.43	22.44	22.47		
3	QPSK	1	14	22.49	22.52	22.50		
3	QPSK	8	0	21.80	21.95	21.83	22.5	0.5
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	22.5	0.5
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	21.5	1.5
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	21.5	1.5
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	20.5	2.5
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	18.5	4.5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	18.5	4.5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26853	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.47	22.64	22.50	23	0
1.4	QPSK	1	3	22.53	22.51	22.51		
1.4	QPSK	1	5	22.47	22.41	22.38		
1.4	QPSK	3	0	22.63	22.60	22.52		
1.4	QPSK	3	1	22.50	22.46	22.45		
1.4	QPSK	3	3	22.46	22.33	22.54		
1.4	QPSK	6	0	21.91	21.99	21.81	22.5	0.5
1.4	16QAM	1	0	21.80	22.00	21.79	22.5	0.5
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	21.5	1.5
1.4	64QAM	1	0	20.75	20.66	20.82	21.5	1.5
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	20.5	2.5
1.4	256QAM	1	0	17.93	17.97	17.68	18.5	4.5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	18.5	4.5

Band 66 Ant 4 DSI2

BW [MHz]	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	14.69	14.81	14.77		
20	QPSK	1	49	14.58	14.70	14.55	15.5	0
20	QPSK	1	99	14.57	14.53	14.49		
20	QPSK	50	0	14.65	14.79	14.61		
20	QPSK	50	24	14.67	14.53	14.61	15.5	0
20	QPSK	50	50	14.68	14.65	14.72		
20	QPSK	100	0	14.69	14.79	14.53		
20	16QAM	1	0	14.65	14.61	14.61		
20	16QAM	1	49	14.73	14.66	14.71	15.5	0
20	16QAM	1	99	14.53	14.59	14.64		
20	16QAM	50	0	14.73	14.63	14.68		
20	16QAM	50	24	14.56	14.60	14.65	15.5	0
20	16QAM	50	50	14.69	14.58	14.66		
20	16QAM	100	0	14.60	14.59	14.69		
20	64QAM	1	0	14.63	14.64	14.58		
20	64QAM	1	49	14.51	14.69	14.67	15.5	0
20	64QAM	1	99	14.65	14.60	14.75		
20	64QAM	50	0	14.55	14.59	14.71		
20	64QAM	50	24	14.70	14.48	14.76	15.5	0
20	64QAM	50	50	14.46	14.60	14.58		
20	64QAM	100	0	14.73	14.13	14.46		
20	256QAM	1	0	14.41	14.50	14.35		
20	256QAM	1	49	14.34	14.45	14.43	15.5	0
20	256QAM	1	99	14.55	14.45	14.47		
20	256QAM	50	0	14.36	14.59	14.41		
20	256QAM	50	24	14.55	14.39	14.49	15.5	0
20	256QAM	50	50	14.31	14.33	14.32		
20	256QAM	100	0	14.49	14.59	14.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.63	14.57	14.68		
15	QPSK	1	37	14.44	14.58	14.41	15.5	0
15	QPSK	1	74	14.51	14.41	14.42		
15	QPSK	36	0	14.54	14.62	14.46		
15	QPSK	36	20	14.61	14.44	14.45	15.5	0
15	QPSK	36	39	14.59	14.48	14.58		
15	QPSK	75	0	14.54	14.74	14.43		
15	16QAM	1	0	14.53	14.52	14.46		
15	16QAM	1	37	14.59	14.60	14.64	15.5	0
15	16QAM	1	74	14.41	14.49	14.52		
15	16QAM	36	0	14.57	14.49	14.55		
15	16QAM	36	20	14.47	14.54	14.50	15.5	0
15	16QAM	36	39	14.73	14.42	14.53		
15	16QAM	75	0	14.48	14.51	14.54		
15	64QAM	1	0	14.56	14.58	14.43		
15	64QAM	1	37	14.37	14.71	14.50	15.5	0
15	64QAM	1	74	14.56	14.52	14.60		
15	64QAM	36	0	14.49	14.68	14.58		
15	64QAM	36	20	14.56	14.34	14.65	15.5	0
15	64QAM	36	39	14.31	14.44	14.45		
15	64QAM	75	0	14.65	14.75	14.31		
15	256QAM	1	0	14.31	14.44	14.25		
15	256QAM	1	37	14.21	14.32	14.31	15.5	0
15	256QAM	1	74	14.44	14.35	14.34		
15	256QAM	36	0	14.27	14.46	14.28		
15	256QAM	36	20	14.50	14.23	14.44	15.5	0
15	256QAM	36	39	14.25	14.26	14.20		
15	256QAM	75	0	14.36	14.43	14.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.55	14.59	14.70		
10	QPSK	1	25	14.47	14.55	14.46	15.5	0
10	QPSK	1	49	14.49	14.42	14.42		
10	QPSK	25	0	14.52	14.73	14.52		
10	QPSK	25	12	14.55	14.39	14.52	15.5	0
10	QPSK	25	25	14.63	14.56	14.59		
10	QPSK	50	0	14.64	14.64	14.44		
10	16QAM	1	0	14.50	14.45	14.55		
10	16QAM	1	25	14.61	14.52	14.66	15.5	0
10	16QAM	1	49	14.43	14.43	14.57		
10	16QAM	25	0	14.67	14.56	14.60		
10	16QAM	25	12	14.48	14.52	14.51	15.5	0
10	16QAM	25	25	14.68	14.44	14.55		
10	16QAM	50	0	14.54	14.49	14.60		
10	64QAM	1	0	14.54	14.49	14.53		
10	64QAM	1	25	14.41	14.68	14.51	15.5	0
10	64QAM	1	49	14.58	14.54	14.60		
10	64QAM	25	0	14.46	14.73	14.60		
10	64QAM	25	12	14.65	14.40	14.59	15.5	0
10	64QAM	25	25	14.41	14.45	14.51		
10	64QAM	50	0	14.62	14.75	14.29		
10	256QAM	1	0	14.29	14.45	14.24		
10	256QAM	1	25	14.25	14.35	14.28	15.5	0
10	256QAM	1	49	14.46	14.31	14.39		
10	256QAM	25	0	14.20	14.49	14.29		
10	256QAM	25	12	14.45	14.25	14.44	15.5	0
10	256QAM	25	25	14.17	14.24	14.18		
10	256QAM	50	0	14.40	14.45	14.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.56	14.65	14.61		
5	QPSK	1	12	14.50	14.59	14.39	15.5	0
5	QPSK	1	24	14.46	14.41	14.35		
5	QPSK	12	0	14.59	14.71	14.46		
5	QPSK	12	7	14.51	14.39	14.47	15.5	0
5	QPSK	12	13	14.59	14.55	14.64		
5	QPSK	25	0	14.57	14.71	14.41		
5	16QAM	1	0	14.49	14.51	14.51		
5	16QAM	1	12	14.60	14.58	14.59	15.5	0
5	16QAM	1	24	14.41	14.44	14.51		
5	16QAM	12	0	14.64	14.51	14.62		
5	16QAM	12	7	14.46	14.47	14.52	15.5	0
5	16QAM	12	13	14.69	14.41	14.55		
5	16QAM	25	0	14.45	14.48	14.62		
5	64QAM	1	0	14.48	14.48	14.47		
5	64QAM	1	12	14.36	14.72	14.54	15.5	0
5	64QAM	1	24	14.69	14.45	14.60		
5	64QAM	12	0	14.42	14.73	14.65		
5	64QAM	12	7	14.54	14.39	14.69	15.5	0
5	64QAM	12	13	14.37	14.47	14.52		
5	64QAM	25	0	14.66	14.36	14.36		
5	256QAM	1	0	14.25	14.37	14.22		
5	256QAM	1	12	14.21	14.29	14.29	15.5	0
5	256QAM	1	24	14.47	14.31	14.38		
5	256QAM	12	0	14.28	14.44	14.31		
5	256QAM	12	7	14.49	14.31	14.38	15.5	0
5	256QAM	12	13	14.26	14.17	14.17		
5	256QAM	25	0	14.39	14.42	14.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.54	14.63	14.66		
3	QPSK	1	8	14.41	14.61	14.48	15.5	0
3	QPSK	1	14	14.52	14.45	14.37		
3	QPSK	8	0	14.57	14.72	14.47		
3	QPSK	8	4	14.52	14.41	14.45	15.5	0
3	QPSK	8	7	14.58	14.59	14.58		
3	QPSK	15	0	14.54	14.71	14.39		
3	16QAM	1	0	14.49	14.51	14.53		
3	16QAM	1	8	14.61	14.50	14.54	15.5	0
3	16QAM	1	14	14.45	14.50	14.48		
3	16QAM	8	0	14.56	14.56	14.57		
3	16QAM	8	4	14.40	14.56	14.56	15.5	0
3	16QAM	8	7	14.64	14.48	14.55		
3	16QAM	15	0	14.43	14.45	14.61		
3	64QAM	1	0	14.50	14.55	14.47		
3	64QAM	1	8	14.40	14.65	14.53	15.5	0
3	64QAM	1	14	14.50	14.53	14.61		
3	64QAM	8	0	14.40	14.62	14.55		
3	64QAM	8	4	14.54	14.33	14.69	15.5	0
3	64QAM	8	7	14.39	14.43	14.50		
3	64QAM	15	0	14.58	14.70	14.38		
3	256QAM	1	0	14.30	14.39	14.26		
3	256QAM	1	8	14.25	14.39	14.33	15.5	0
3	256QAM	1	14	14.40	14.38	14.40		
3	256QAM	8	0	14.19	14.47	14.33		
3	256QAM	8	4	14.49	14.23	14.39	15.5	0
3	256QAM	8	7	14.19	14.20	14.19		
3	256QAM	15	0	14.42	14.50	14.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.55	14.61	14.70		
1.4	QPSK	1	3	14.42	14.58	14.49		
1.4	QPSK	1	5	14.49	14.39	14.41	15.5	0
1.4	QPSK	3	0	14.54	14.71	14.55		
1.4	QPSK	3	1	14.51	14.36	14.47		
1.4	QPSK	3	3	14.51	14.57	14.66		
1.4	QPSK	6	0	14.57	14.64	14.38	15.5	0
1.4	16QAM	1	0	14.52	14.56	14.48		
1.4	16QAM	1	3	14.65	14.51	14.57		
1.4	16QAM	1	5	14.42	14.53	14.58	15.5	0
1.4	16QAM	3	0	14.56	14.53	14.53		
1.4	16QAM	3	1	14.43	14.48	14.50		
1.4	16QAM	3	3	14.64	14.46	14.52		
1.4	16QAM	6	0	14.43	14.44	14.53	15.5	0
1.4	64QAM	1	0	14.54	14.57	14.50		
1.4	64QAM	1	3	14.40	14.62	14.58		
1.4	64QAM	1	5	14.59	14.45	14.65	15.5	0
1.4	64QAM	3	0	14.38	14.70	14.63		
1.4	64QAM	3	1	14.53	14.38	14.66		
1.4	64QAM	3	3	14.39	14.54	14.48		
1.4	64QAM	6	0	14.56	14.76	14.40	15.5	0
1.4	256QAM	1	0	14.34	14.36	14.27		
1.4	256QAM	1	3	14.24	14.37	14.31		
1.4	256QAM	1	5	14.39	14.35	14.36	15.5	0
1.4	256QAM	3	0	14.22	14.44	14.31		
1.4	256QAM	3	1	14.43	14.28	14.34		
1.4	256QAM	3	3	14.15	14.23	14.22		
1.4	256QAM	6	0	14.35	14.45	14.20	15.5	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	14.40	14.56	14.52		
20	QPSK	1	49	14.36	14.36	14.48	15.5	0
20	QPSK	1	99	14.34	14.37	14.33		
20	QPSK	50	0	14.50	14.54	14.39		
20	QPSK	50	24	14.40	14.34	14.35	15.5	0
20	QPSK	50	50	14.44	14.31	14.28		
20	QPSK	100	0	14.34	14.45	14.33		
20	16QAM	1	0	14.33	14.28	14.34		
20	16QAM	1	49	14.31	14.29	14.38	15.5	0
20	16QAM	1	99	14.35	14.45	14.29		
20	16QAM	50	0	14.44	14.41	14.33		
20	16QAM	50	24	14.21	14.38	14.37	15.5	0
20	16QAM	50	50	14.37	14.37	14.26		
20	16QAM	100	0	14.43	14.40	14.41		
20	64QAM	1	0	14.40	14.39	14.37		
20	64QAM	1	49	14.32	14.19	14.28	15.5	0
20	64QAM	1	99	14.38	14.40	14.50		
20	64QAM	50	0	14.35	14.27	14.37		
20	64QAM	50	24	14.36	14.30	14.47	15.5	0
20	64QAM	50	50	14.29	14.43	14.35		
20	64QAM	100	0	14.31	14.33	14.45		
20	256QAM	1	0	14.27	14.21	14.19		
20	256QAM	1	49	14.13	14.09	14.19	15.5	0
20	256QAM	1	99	14.20	14.25	14.30		
20	256QAM	50	0	14.20	14.15	14.29		
20	256QAM	50	24	14.26	14.27	14.40	15.5	0
20	256QAM	50	50	14.20	14.19	14.32		
20	256QAM	100	0	14.29	14.16	14.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.30	14.45	14.36		
15	QPSK	1	37	14.27	14.32	14.32	15.5	0
15	QPSK	1	74	14.23	14.24	14.22		
15	QPSK	36	0	14.41	14.48	14.26		
15	QPSK	36	20	14.25	14.26	14.20	15.5	0
15	QPSK	36	39	14.38	14.25	14.14		
15	QPSK	75	0	14.17	14.34	14.26		
15	16QAM	1	0	14.16	14.20	14.25		
15	16QAM	1	37	14.21	14.22	14.33	15.5	0
15	16QAM	1	74	14.19	14.33	14.17		
15	16QAM	36	0	14.28	14.35	14.20		
15	16QAM	36	20	14.13	14.30	14.23	15.5	0
15	16QAM	36	39	14.20	14.25	14.12		
15	16QAM	75	0	14.28	14.30	14.30		
15	64QAM	1	0	14.25	14.27	14.23		
15	64QAM	1	37	14.23	14.12	14.20	15.5	0
15	64QAM	1	74	14.26	14.33	14.35		
15	64QAM	36	0	14.23	14.17	14.28		
15	64QAM	36	20	14.28	14.16	14.41	15.5	0
15	64QAM	36	39	14.15	14.27	14.29		
15	64QAM	75	0	14.20	14.17	14.40		
15	256QAM	1	0	14.22	14.07	14.10		
15	256QAM	1	37	14.04	13.98	14.09	15.5	0
15	256QAM	1	74	14.04	14.10	14.14		
15	256QAM	36	0	14.05	13.99	14.16		
15	256QAM	36	20	14.10	14.14	14.32	15.5	0
15	256QAM	36	39	14.09	14.14	14.23		
15	256QAM	75	0	14.14	14.11	14.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.26	14.44	14.37		
10	QPSK	1	25	14.21	14.23	14.36	15.5	0
10	QPSK	1	49	14.21	14.20	14.20		
10	QPSK	25	0	14.44	14.42	14.29		
10	QPSK	25	12	14.30	14.22	14.20	15.5	0
10	QPSK	25	25	14.31	14.20	14.19		
10	QPSK	50	0	14.24	14.32	14.24		
10	16QAM	1	0	14.26	14.23	14.18		
10	16QAM	1	25	14.22	14.19	14.26	15.5	0
10	16QAM	1	49	14.19	14.30	14.22		
10	16QAM	25	0	14.32	14.28	14.27		
10	16QAM	25	12	14.06	14.30	14.25	15.5	0
10	16QAM	25	25	14.28	14.31	14.20		
10	16QAM	50	0	14.26	14.27	14.32		
10	64QAM	1	0	14.28	14.31	14.25		
10	64QAM	1	25	14.26	14.11	14.16	15.5	0
10	64QAM	1	49	14.23	14.25	14.35		
10	64QAM	25	0	14.19	14.18	14.21		
10	64QAM	25	12	14.23	14.16	14.39	15.5	0
10	64QAM	25	25	14.14	14.35	14.24		
10	64QAM	50	0	14.21	14.23	14.36		
10	256QAM	1	0	14.15	14.09	14.10		
10	256QAM	1	25	14.01	13.98	14.14	15.5	0
10	256QAM	1	49	14.11	14.20	14.22		
10	256QAM	25	0	14.15	14.07	14.23		
10	256QAM	25	12	14.12	14.07	14.26	15.5	0
10	256QAM	25	25	14.12	14.07	14.25		
10	256QAM	50	0	14.20	14.04	14.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.24	14.38	14.35		
5	QPSK	1	12	14.21	14.24	14.42	15.5	0
5	QPSK	1	24	14.24	14.31	14.25		
5	QPSK	12	0	14.43	14.38	14.33		
5	QPSK	12	7	14.32	14.29	14.23	15.5	0
5	QPSK	12	13	14.34	14.20	14.17		
5	QPSK	25	0	14.23	14.39	14.19		
5	16QAM	1	0	14.21	14.14	14.24		
5	16QAM	1	12	14.21	14.24	14.28	15.5	0
5	16QAM	1	24	14.28	14.35	14.20		
5	16QAM	12	0	14.30	14.35	14.20		
5	16QAM	12	7	14.05	14.28	14.23	15.5	0
5	16QAM	12	13	14.22	14.30	14.11		
5	16QAM	25	0	14.31	14.24	14.25		
5	64QAM	1	0	14.31	14.29	14.32		
5	64QAM	1	12	14.19	14.05	14.14	15.5	0
5	64QAM	1	24	14.31	14.32	14.39		
5	64QAM	12	0	14.22	14.22	14.29		
5	64QAM	12	7	14.20	14.18	14.42	15.5	0
5	64QAM	12	13	14.16	14.34	14.27		
5	64QAM	25	0	14.24	14.19	14.36		
5	256QAM	1	0	14.16	14.07	14.12		
5	256QAM	1	12	13.98	13.94	14.12	15.5	0
5	256QAM	1	24	14.07	14.09	14.17		
5	256QAM	12	0	14.11	14.03	14.14		
5	256QAM	12	7	14.17	14.13	14.24	15.5	0
5	256QAM	12	13	14.13	14.03	14.18		
5	256QAM	25	0	14.21	14.07	14.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.27	14.37	14.46		
3	QPSK	1	8	14.29	14.26	14.33	15.5	0
3	QPSK	1	14	14.18	14.20	14.26		
3	QPSK	8	0	14.44	14.47	14.25		
3	QPSK	8	4	14.24	14.23	14.19	15.5	0
3	QPSK	8	7	14.36	14.19	14.23		
3	QPSK	15	0	14.20	14.33	14.18		
3	16QAM	1	0	14.23	14.17	14.28		
3	16QAM	1	8	14.22	14.17	14.31	15.5	0
3	16QAM	1	14	14.25	14.35	14.12		
3	16QAM	8	0	14.34	14.25	14.27		
3	16QAM	8	4	14.06	14.23	14.26	15.5	0
3	16QAM	8	7	14.21	14.21	14.13		
3	16QAM	15	0	14.36	14.23	14.35		
3	64QAM	1	0	14.31	14.31	14.31		
3	64QAM	1	8	14.23	14.03	14.12	15.5	0
3	64QAM	1	14	14.27	14.25	14.37		
3	64QAM	8	0	14.25	14.16	14.30		
3	64QAM	8	4	14.27	14.19	14.42	15.5	0
3	64QAM	8	7	14.21	14.35	14.25		
3	64QAM	15	0	14.20	14.18	14.32		
3	256QAM	1	0	14.17	14.15	14.04		
3	256QAM	1	8	14.06	13.93	14.12	15.5	0
3	256QAM	1	14	14.11	14.17	14.13		
3	256QAM	8	0	14.13	14.04	14.16		
3	256QAM	8	4	14.17	14.10	14.33	15.5	0
3	256QAM	8	7	14.07	14.11	14.15		
3	256QAM	15	0	14.13	14.08	14.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.28	14.39	14.44		
1.4	QPSK	1	3	14.20	14.27	14.35		
1.4	QPSK	1	5	14.22	14.21	14.27	15.5	0
1.4	QPSK	3	0	14.35	14.41	14.29		
1.4	QPSK	3	1	14.23	14.21	14.20		
1.4	QPSK	3	3	14.28	14.23	14.19		
1.4	QPSK	6	0	14.24	14.33	14.25	15.5	0
1.4	16QAM	1	0	14.27	14.21	14.18		
1.4	16QAM	1	3	14.24	14.20	14.24		
1.4	16QAM	1	5	14.22	14.36	14.14	15.5	0
1.4	16QAM	3	0	14.37	14.32	14.27		
1.4	16QAM	3	1	14.05	14.23	14.23		
1.4	16QAM	3	3	14.25	14.31	14.15		
1.4	16QAM	6	0	14.35	14.26	14.32	15.5	0
1.4	64QAM	1	0	14.29	14.25	14.24		
1.4	64QAM	1	3	14.18	14.14	14.13		
1.4	64QAM	1	5	14.31	14.32	14.41	15.5	0
1.4	64QAM	3	0	14.29	14.18	14.27		
1.4	64QAM	3	1	14.21	14.25	14.39		
1.4	64QAM	3	3	14.21	14.26	14.26		
1.4	64QAM	6	0	14.19	14.18	14.37	15.5	0
1.4	256QAM	1	0	14.22	14.11	14.07		
1.4	256QAM	1	3	13.97	13.96	14.07		
1.4	256QAM	1	5	14.05	14.10	14.18	15.5	0
1.4	256QAM	3	0	14.05	14.00	14.18		
1.4	256QAM	3	1	14.20	14.18	14.31		
1.4	256QAM	3	3	14.04	14.03	14.26		
1.4	256QAM	6	0	14.23	14.01	14.29	15.5	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				133122	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.

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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	16.63	16.60	16.61	16.60	17	0
20	QPSK	1	49	16.51	16.36	16.38	16.39		
20	QPSK	1	99	16.35	16.46	16.51	16.44		
20	QPSK	50	0	16.48	16.53	16.43	16.42	17	0
20	QPSK	50	24	16.26	16.31	16.36	16.53		
20	QPSK	50	50	16.42	16.48	16.42	16.41		
20	QPSK	100	0	16.49	16.46	16.47	16.45		
20	16QAM	1	0	16.53	16.50	16.53	16.40	17	0
20	16QAM	1	49	16.50	16.53	16.46	16.39		
20	16QAM	1	99	16.42	16.38	16.57	16.30		
20	16QAM	50	0	16.41	16.46	16.36	16.48	17	0
20	16QAM	50	24	16.39	16.56	16.45	16.47		
20	16QAM	50	50	16.44	16.51	16.34	16.45		
20	16QAM	100	0	16.44	16.33	16.45	16.44		
20	64QAM	1	0	16.53	16.40	16.41	16.53	17	0
20	64QAM	1	49	16.50	16.36	16.51	16.45		
20	64QAM	1	99	16.50	16.39	16.46	16.30		
20	64QAM	50	0	16.38	16.50	16.46	16.41	17	0
20	64QAM	50	24	16.34	16.49	16.52	16.51		
20	64QAM	50	50	16.51	16.38	16.45	16.50		
20	64QAM	100	0	16.54	16.41	16.42	16.44		
20	256QAM	1	0	16.40	16.26	16.39	16.44	17	0
20	256QAM	1	49	16.44	16.24	16.37	16.28		
20	256QAM	1	99	16.33	16.27	16.33	16.20		
20	256QAM	50	0	16.32	16.35	16.43	16.37	17	0
20	256QAM	50	24	16.23	16.39	16.41	16.42		
20	256QAM	50	50	16.33	16.34	16.40	16.33		
20	256QAM	100	0	16.47	16.29	16.25	16.33		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.52	16.42	16.48	16.50	17	0
15	QPSK	1	37	16.55	16.34	16.31	16.42		
15	QPSK	1	74	16.29	16.50	16.49	16.41		
15	QPSK	36	0	16.51	16.52	16.37	16.46	17	0
15	QPSK	36	20	16.29	16.31	16.31	16.54		
15	QPSK	36	39	16.37	16.47	16.41	16.41		
15	QPSK	75	0	16.50	16.45	16.47	16.39		
15	16QAM	1	0	16.46	16.45	16.49	16.41	17	0
15	16QAM	1	37	16.44	16.55	16.39	16.36		
15	16QAM	1	74	16.43	16.41	16.60	16.32		
15	16QAM	36	0	16.36	16.42	16.34	16.48	17	0
15	16QAM	36	20	16.44	16.55	16.43	16.49		
15	16QAM	36	39	16.48	16.44	16.30	16.45		
15	16QAM	75	0	16.45	16.35	16.46	16.41		
15	64QAM	1	0	16.57	16.43	16.36	16.50	17	0
15	64QAM	1	37	16.50	16.30	16.50	16.47		
15	64QAM	1	74	16.46	16.38	16.44	16.32		
15	64QAM	36	0	16.33	16.51	16.42	16.42	17	0
15	64QAM	36	20	16.32	16.46	16.49	16.55		
15	64QAM	36	39	16.51	16.35	16.48	16.52		
15	64QAM	75	0	16.53	16.45	16.37	16.46		
15	256QAM	1	0	16.37	16.24	16.35	16.43	17	0
15	256QAM	1	37	16.48	16.21	16.41	16.27		
15	256QAM	1	74	16.35	16.27	16.26	16.15		
15	256QAM	36	0	16.30	16.37	16.44	16.38	17	0
15	256QAM	36	20	16.28	16.34	16.36	16.36		
15	256QAM	36	39	16.34	16.34	16.37	16.30		
15	256QAM	75	0	16.46	16.32	16.28	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.50	16.47	16.52	16.51	17	0
10	QPSK	1	25	16.51	16.31	16.38	16.37		
10	QPSK	1	49	16.40	16.50	16.46	16.46		
10	QPSK	25	0	16.43	16.57	16.44	16.46	17	0
10	QPSK	25	12	16.24	16.27	16.36	16.52		
10	QPSK	25	25	16.44	16.42	16.43	16.41		
10	QPSK	50	0	16.53	16.48	16.42	16.44		
10	16QAM	1	0	16.54	16.51	16.55	16.41	17	0
10	16QAM	1	25	16.44	16.47	16.43	16.33		
10	16QAM	1	49	16.43	16.37	16.59	16.23		
10	16QAM	25	0	16.37	16.48	16.39	16.49	17	0
10	16QAM	25	12	16.32	16.53	16.47	16.52		
10	16QAM	25	25	16.44	16.53	16.32	16.39		
10	16QAM	50	0	16.40	16.31	16.39	16.41		
10	64QAM	1	0	16.57	16.42	16.44	16.52	17	0
10	64QAM	1	25	16.48	16.37	16.54	16.41		
10	64QAM	1	49	16.51	16.34	16.39	16.28		
10	64QAM	25	0	16.38	16.53	16.47	16.41	17	0
10	64QAM	25	12	16.28	16.51	16.54	16.52		
10	64QAM	25	25	16.46	16.33	16.44	16.45		
10	64QAM	50	0	16.56	16.39	16.44	16.39		
10	256QAM	1	0	16.41	16.19	16.37	16.41	17	0
10	256QAM	1	25	16.40	16.27	16.38	16.23		
10	256QAM	1	49	16.35	16.26	16.35	16.24		
10	256QAM	25	0	16.37	16.32	16.45	16.32	17	0
10	256QAM	25	12	16.24	16.32	16.44	16.36		
10	256QAM	25	25	16.27	16.37	16.33	16.31		
10	256QAM	50	0	16.42	16.30	16.21	16.30		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.44	16.50	16.48	16.44	17	0
5	QPSK	1	12	16.51	16.30	16.37	16.32		
5	QPSK	1	24	16.30	16.42	16.48	16.39		
5	QPSK	12	0	16.46	16.51	16.43	16.37	17	0
5	QPSK	12	7	16.21	16.24	16.31	16.49		
5	QPSK	12	13	16.41	16.41	16.41	16.46		
5	QPSK	25	0	16.44	16.45	16.42	16.39		
5	16QAM	1	0	16.46	16.52	16.49	16.40	17	0
5	16QAM	1	12	16.46	16.55	16.45	16.41		
5	16QAM	1	24	16.36	16.31	16.62	16.35		
5	16QAM	12	0	16.41	16.47	16.38	16.41	17	0
5	16QAM	12	7	16.43	16.58	16.49	16.51		
5	16QAM	12	13	16.45	16.49	16.29	16.38		
5	16QAM	25	0	16.43	16.27	16.38	16.47		
5	64QAM	1	0	16.57	16.42	16.38	16.50	17	0
5	64QAM	1	12	16.54	16.37	16.53	16.39		
5	64QAM	1	24	16.46	16.42	16.50	16.34		
5	64QAM	12	0	16.40	16.49	16.50	16.39	17	0
5	64QAM	12	7	16.34	16.42	16.56	16.47		
5	64QAM	12	13	16.54	16.31	16.38	16.47		
5	64QAM	25	0	16.54	16.42	16.36	16.47		
5	256QAM	1	0	16.35	16.29	16.38	16.40	17	0
5	256QAM	1	12	16.39	16.21	16.40	16.28		
5	256QAM	1	24	16.35	16.28	16.31	16.20		
5	256QAM	12	0	16.27	16.32	16.39	16.31	17	0
5	256QAM	12	7	16.19	16.39	16.41	16.35		
5	256QAM	12	13	16.36	16.31	16.44	16.30		
5	256QAM	25	0	16.52	16.23	16.21	16.35		

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BW [MHz]	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	22.74	22.80	22.73	24	0
20	QPSK	1	49	22.56	22.53	22.59		
20	QPSK	1	99	22.56	22.61	22.51		
20	QPSK	50	0	21.53	21.60	21.59	23	1
20	QPSK	50	24	21.38	21.40	21.44		
20	QPSK	50	50	21.50	21.51	21.53		
20	QPSK	100	0	21.48	21.49	21.44		
20	16QAM	1	0	21.70	21.63	21.71	23	1
20	16QAM	1	49	21.67	21.60	21.55		
20	16QAM	1	99	21.43	21.51	21.49		
20	16QAM	50	0	20.27	20.35	20.37	22	2
20	16QAM	50	24	20.31	20.35	20.42		
20	16QAM	50	50	20.36	20.33	20.34		
20	16QAM	100	0	20.34	20.43	20.35		
20	64QAM	1	0	20.69	20.62	20.61	22	2
20	64QAM	1	49	20.52	20.56	20.50		
20	64QAM	1	99	20.43	20.53	20.53		
20	64QAM	50	0	19.44	19.50	19.50	21	3
20	64QAM	50	24	19.59	19.57	19.59		
20	64QAM	50	50	19.43	19.39	19.30		
20	64QAM	100	0	19.51	19.55	19.48		
20	256QAM	1	0	17.56	17.55	17.61	19	5
20	256QAM	1	49	17.53	17.46	17.39		
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51	19	5
20	256QAM	50	24	17.46	17.52	17.49		
20	256QAM	50	50	17.40	17.47	17.55		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.61	22.61	24	0
15	QPSK	1	37	22.49	22.45	22.59		
15	QPSK	1	74	22.56	22.54	22.41		
15	QPSK	36	0	21.39	21.60	21.42	23	1
15	QPSK	36	20	21.36	21.21	21.40		
15	QPSK	36	39	21.49	21.32	21.37		
15	QPSK	75	0	21.43	21.41	21.36		
15	16QAM	1	0	21.70	21.60	21.62	23	1
15	16QAM	1	37	21.54	21.55	21.51		
15	16QAM	1	74	21.25	21.48	21.36		
15	16QAM	36	0	20.17	20.33	20.20	22	2
15	16QAM	36	20	20.21	20.26	20.25		
15	16QAM	36	39	20.34	20.22	20.19		
15	16QAM	75	0	20.14	20.26	20.32		
15	64QAM	1	0	20.59	20.53	20.59	22	2
15	64QAM	1	37	20.40	20.54	20.39		
15	64QAM	1	74	20.36	20.34	20.47		
15	64QAM	36	0	19.29	19.44	19.37	21	3
15	64QAM	36	20	19.56	19.37	19.51		
15	64QAM	36	39	19.37	19.35	19.14		
15	64QAM	75	0	19.40	19.41	19.33		
15	256QAM	1	0	17.49	17.41	17.46	19	5
15	256QAM	1	37	17.43	17.39	17.31		
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48	19	5
15	256QAM	36	20	17.44	17.46	17.48		
15	256QAM	36	39	17.36	17.47	17.48		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.73	22.54	24	0
10	QPSK	1	25	22.55	22.38	22.57		
10	QPSK	1	49	22.54	22.41	22.42		
10	QPSK	25	0	21.36	21.51	21.40	23	1
10	QPSK	25	12	21.26	21.34	21.32		
10	QPSK	25	25	21.37	21.45	21.34		
10	QPSK	50	0	21.45	21.32	21.27		
10	16QAM	1	0	21.58	21.62	21.67	23	1
10	16QAM	1	25	21.65	21.52	21.47		
10	16QAM	1	49	21.38	21.50	21.35		
10	16QAM	25	0	20.21	20.31	20.27	22	2
10	16QAM	25	12	20.25	20.23	20.24		
10	16QAM	25	25	20.33	20.30	20.33		
10	16QAM	50	0	20.25	20.27	20.26		
10	64QAM	1	0	20.53	20.49	20.54	22	2
10	64QAM	1	25	20.41	20.50	20.33		
10	64QAM	1	49	20.30	20.42	20.45		
10	64QAM	25	0	19.31	19.48	19.35	21	3
10	64QAM	25	12	19.43	19.53	19.45		
10	64QAM	25	25	19.23	19.20	19.14		
10	64QAM	50	0	19.34	19.37	19.37		
10	256QAM	1	0	17.37	17.55	17.57	19	5
10	256QAM	1	25	17.51	17.40	17.23		
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42	19	5
10	256QAM	25	12	17.38	17.38	17.31		
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.74	22.68	24	0
5	QPSK	1	12	22.56	22.36	22.44		
5	QPSK	1	24	22.54	22.49	22.46		
5	QPSK	12	0	21.43	21.49	21.42	23	1
5	QPSK	12	7	21.28	21.25	21.29		
5	QPSK	12	13	21.45	21.50	21.51		
5	QPSK	25	0	21.35	21.33	21.33		
5	16QAM	1	0	21.50	21.49	21.53	23	1
5	16QAM	1	12	21.58	21.51	21.41		
5	16QAM	1	24	21.32	21.46	21.30		
5	16QAM	12	0	20.20	20.18	20.36	22	2
5	16QAM	12	7	20.18	20.18	20.25		
5	16QAM	12	13	20.22	20.23	20.31		
5	16QAM	25	0	20.24	20.24	20.26		
5	64QAM	1	0	20.62	20.48	20.58	22	2
5	64QAM	1	12	20.50	20.46	20.33		
5	64QAM	1	24	20.37	20.42	20.46		
5	64QAM	12	0	19.31	19.48	19.45	21	3
5	64QAM	12	7	19.48	19.48	19.48		
5	64QAM	12	13	19.37	19.32	19.22		
5	64QAM	25	0	19.50	19.40	19.38		
5	256QAM	1	0	17.43	17.55	17.43	19	5
5	256QAM	1	12	17.41	17.43	17.28		
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.50	17.42	19	5
5	256QAM	12	7	17.40	17.45	17.49		
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.75	22.55	24	0
3	QPSK	1	8	22.47	22.44	22.57		
3	QPSK	1	14	22.49	22.59	22.32		
3	QPSK	8	0	21.50	21.42	21.40	23	1
3	QPSK	8	4	21.20	21.21	21.38		
3	QPSK	8	7	21.30	21.47	21.45		
3	QPSK	15	0	21.44	21.48	21.42		
3	16QAM	1	0	21.56	21.46	21.65	23	1
3	16QAM	1	8	21.62	21.59	21.43		
3	16QAM	1	14	21.38	21.44	21.29		
3	16QAM	8	0	20.17	20.25	20.33	22	2
3	16QAM	8	4	20.21	20.18	20.39		
3	16QAM	8	7	20.17	20.21	20.29		
3	16QAM	15	0	20.21	20.29	20.30		
3	64QAM	1	0	20.57	20.44	20.46	22	2
3	64QAM	1	8	20.34	20.44	20.43		
3	64QAM	1	14	20.30	20.40	20.45		
3	64QAM	8	0	19.26	19.38	19.34	21	3
3	64QAM	8	4	19.45	19.45	19.44		
3	64QAM	8	7	19.39	19.37	19.25		
3	64QAM	15	0	19.47	19.55	19.41		
3	256QAM	1	0	17.50	17.50	17.43	19	5
3	256QAM	1	8	17.42	17.39	17.19		
3	256QAM	1	14	17.27	17.27	17.25		
3	256QAM	8	0	17.38	17.42	17.40	19	5
3	256QAM	8	4	17.37	17.47	17.46		
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.31	17.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.71	22.67	24	0
1.4	QPSK	1	3	22.44	22.46	22.42		
1.4	QPSK	1	5	22.46	22.49	22.37		
1.4	QPSK	3	0	22.61	22.64	22.65		
1.4	QPSK	3	1	22.55	22.47	22.59		
1.4	QPSK	3	3	22.51	22.53	22.34		
1.4	QPSK	6	0	21.34	21.42	21.50	23	1
1.4	16QAM	1	0	21.18	21.29	21.28	23	1
1.4	16QAM	1	3	21.31	21.42	21.51		
1.4	16QAM	1	5	21.31	21.43	21.35		
1.4	16QAM	3	0	21.67	21.49	21.54		
1.4	16QAM	3	1	21.61	21.43	21.39		
1.4	16QAM	3	3	21.30	21.36	21.32		
1.4	16QAM	6	0	20.12	20.26	20.18	22	2
1.4	64QAM	1	0	20.17	20.19	20.35	22	2
1.4	64QAM	1	3	20.36	20.28	20.33		
1.4	64QAM	1	5	20.24	20.42	20.19		
1.4	64QAM	3	0	20.62	20.53	20.47		
1.4	64QAM	3	1	20.37	20.49	20.49		
1.4	64QAM	3	3	20.38	20.38	20.33		
1.4	64QAM	6	0	19.48	19.49	19.55	21	3
1.4	256QAM	1	0	17.52	17.41	17.60	19	5
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15		
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	5

Reduced Power Mode for Main PA DSI2 UL CA

Band 2 Ant 0 DSI2 sig path：347

BW [MHz]	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	23.31	23.35	23.25	24	0
20	QPSK	1	49	23.04	23.05	23.01		
20	QPSK	1	99	23.13	23.10	23.02		
20	QPSK	50	0	22.00	22.33	22.02	23	1
20	QPSK	50	24	22.24	22.14	22.05		
20	QPSK	50	50	22.19	22.12	22.23		
20	QPSK	100	0	22.21	22.27	22.08		
20	16QAM	1	0	22.23	22.12	22.18	23	1
20	16QAM	1	49	22.23	22.10	22.02		
20	16QAM	1	99	22.02	21.99	22.00		
20	16QAM	50	0	20.79	20.74	20.93	22	2
20	16QAM	50	24	20.81	20.83	20.93		
20	16QAM	50	50	20.88	20.87	20.87		
20	16QAM	100	0	20.82	20.94	20.86		
20	64QAM	1	0	21.30	21.06	21.14	22	2
20	64QAM	1	49	20.97	21.02	21.00		
20	64QAM	1	99	20.96	21.01	20.98		
20	64QAM	50	0	19.95	19.89	19.96	21	3
20	64QAM	50	24	20.16	20.04	20.02		
20	64QAM	50	50	19.95	19.88	19.77		
20	64QAM	100	0	20.00	20.00	20.05		
20	256QAM	1	0	18.10	18.14	18.14	19	5
20	256QAM	1	49	18.01	17.96	17.79		
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02	19	5
20	256QAM	50	24	17.90	17.95	17.95		
20	256QAM	50	50	17.85	18.03	18.06		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.27	23.23	23.19	24	0
15	QPSK	1	37	22.99	22.99	22.89		
15	QPSK	1	74	23.04	23.04	22.88		
15	QPSK	36	0	21.93	22.19	21.96	23	1
15	QPSK	36	20	22.15	22.02	21.98		
15	QPSK	36	39	22.11	22.04	22.13		
15	QPSK	75	0	22.06	22.14	21.92		
15	16QAM	1	0	22.12	22.05	22.04	23	1
15	16QAM	1	37	22.10	21.96	21.89		
15	16QAM	1	74	21.98	21.93	21.94		
15	16QAM	36	0	20.64	20.59	20.84	22	2
15	16QAM	36	20	20.65	20.69	20.81		
15	16QAM	36	39	20.81	20.77	20.74		
15	16QAM	75	0	20.74	20.82	20.82		
15	64QAM	1	0	21.21	20.97	21.07	22	2
15	64QAM	1	37	20.89	20.98	20.93		
15	64QAM	1	74	20.83	20.86	20.86		
15	64QAM	36	0	19.86	19.80	19.89	21	3
15	64QAM	36	20	20.08	19.99	19.92		
15	64QAM	36	39	19.79	19.79	19.64		
15	64QAM	75	0	19.88	19.95	19.94		
15	256QAM	1	0	18.03	18.02	18.09	19	5
15	256QAM	1	37	17.85	17.89	17.72		
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94	19	5
15	256QAM	36	20	17.84	17.88	17.90		
15	256QAM	36	39	17.74	17.96	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.20	23.12	24	0
10	QPSK	1	25	22.96	22.97	22.92		
10	QPSK	1	49	22.98	23.03	22.87		
10	QPSK	25	0	21.89	22.24	21.90	23	1
10	QPSK	25	12	22.17	22.07	22.00		
10	QPSK	25	25	22.08	22.05	22.10		
10	QPSK	50	0	22.10	22.20	22.03		
10	16QAM	1	0	22.07	22.00	22.04	23	1
10	16QAM	1	25	22.18	21.97	21.93		
10	16QAM	1	49	21.90	21.84	21.90		
10	16QAM	25	0	20.69	20.69	20.78	22	2
10	16QAM	25	12	20.77	20.74	20.88		
10	16QAM	25	25	20.74	20.79	20.78		
10	16QAM	50	0	20.77	20.85	20.72		
10	64QAM	1	0	21.23	21.01	21.10	22	2
10	64QAM	1	25	20.90	20.89	20.96		
10	64QAM	1	49	20.89	20.89	20.87		
10	64QAM	25	0	19.88	19.84	19.84	21	3
10	64QAM	25	12	20.04	19.89	19.87		
10	64QAM	25	25	19.85	19.80	19.63		
10	64QAM	50	0	19.94	19.86	19.97		
10	256QAM	1	0	17.97	18.03	18.00	19	5
10	256QAM	1	25	17.93	17.90	17.70		
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87	19	5
10	256QAM	25	12	17.80	17.85	17.87		
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.30	23.15	24	0
5	QPSK	1	12	22.96	22.94	22.93		
5	QPSK	1	24	22.99	22.98	22.98		
5	QPSK	12	0	21.92	22.26	21.89	23	1
5	QPSK	12	7	22.14	22.08	21.93		
5	QPSK	12	13	22.07	22.00	22.09		
5	QPSK	25	0	22.12	22.17	22.03		
5	16QAM	1	0	22.11	22.04	22.11	23	1
5	16QAM	1	12	22.08	21.99	21.90		
5	16QAM	1	24	21.93	21.90	21.86		
5	16QAM	12	0	20.72	20.59	20.78	22	2
5	16QAM	12	7	20.76	20.67	20.77		
5	16QAM	12	13	20.77	20.80	20.81		
5	16QAM	25	0	20.78	20.82	20.80		
5	64QAM	1	0	21.25	21.02	21.04	22	2
5	64QAM	1	12	20.85	20.87	20.92		
5	64QAM	1	24	20.91	20.90	20.86		
5	64QAM	12	0	19.88	19.81	19.83	21	3
5	64QAM	12	7	20.03	19.98	19.91		
5	64QAM	12	13	19.90	19.73	19.61		
5	64QAM	25	0	19.88	19.93	19.98		
5	256QAM	1	0	18.03	18.08	18.04	19	5
5	256QAM	1	12	17.86	17.87	17.75		
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94	19	5
5	256QAM	12	7	17.80	17.83	17.79		
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.21	23.25	23.11	24	0
3	QPSK	1	8	22.90	22.94	22.90		
3	QPSK	1	14	23.02	23.04	22.91		
3	QPSK	8	0	21.90	22.25	21.86	23	1
3	QPSK	8	4	22.15	22.09	21.95		
3	QPSK	8	7	22.09	21.97	22.11		
3	QPSK	15	0	22.07	22.17	22.02		
3	16QAM	1	0	22.08	22.00	22.02	23	1
3	16QAM	1	8	22.11	21.98	21.96		
3	16QAM	1	14	21.90	21.92	21.87		
3	16QAM	8	0	20.69	20.63	20.81	22	2
3	16QAM	8	4	20.75	20.73	20.81		
3	16QAM	8	7	20.81	20.72	20.77		
3	16QAM	15	0	20.75	20.87	20.76		
3	64QAM	1	0	21.22	21.00	21.00	22	2
3	64QAM	1	8	20.86	20.92	20.91		
3	64QAM	1	14	20.89	20.87	20.82		
3	64QAM	8	0	19.91	19.85	19.85	21	3
3	64QAM	8	4	20.10	19.92	19.90		
3	64QAM	8	7	19.80	19.78	19.69		
3	64QAM	15	0	19.95	19.87	20.00		
3	256QAM	1	0	18.04	18.03	18.05	19	5
3	256QAM	1	8	17.96	17.81	17.68		
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91	19	5
3	256QAM	8	4	17.80	17.83	17.89		
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.71	17.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.27	23.18	24	0
1.4	QPSK	1	3	22.99	22.93	22.89		
1.4	QPSK	1	5	23.00	23.05	22.91		
1.4	QPSK	3	0	23.22	23.28	23.14		
1.4	QPSK	3	1	22.99	22.96	22.92		
1.4	QPSK	3	3	23.04	22.94	22.87		
1.4	QPSK	6	0	21.90	22.27	21.91	23	1
1.4	16QAM	1	0	22.17	22.04	21.94	23	1
1.4	16QAM	1	3	22.12	22.05	22.16		
1.4	16QAM	1	5	22.06	22.18	22.03		
1.4	16QAM	3	0	22.11	22.00	22.06		
1.4	16QAM	3	1	22.08	21.96	21.88		
1.4	16QAM	3	3	21.89	21.94	21.87		
1.4	16QAM	6	0	20.67	20.65	20.83	22	2
1.4	64QAM	1	0	20.69	20.75	20.86	22	2
1.4	64QAM	1	3	20.72	20.75	20.77		
1.4	64QAM	1	5	20.68	20.80	20.79		
1.4	64QAM	3	0	21.23	20.90	21.07		
1.4	64QAM	3	1	20.84	20.90	20.95		
1.4	64QAM	3	3	20.90	20.90	20.82		
1.4	64QAM	6	0	19.80	19.77	19.92	21	3
1.4	256QAM	1	0	18.02	18.07	18.05	19	5
1.4	256QAM	1	3	17.93	17.84	17.72		
1.4	256QAM	1	5	17.76	17.77	17.86		
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	5

Band 4 Ant 0 DSI2

BW [MHz]	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	22.71	22.76	22.68	24	0
20	QPSK	1	49	22.51	22.56	22.53		
20	QPSK	1	99	22.52	22.52	22.51		
20	QPSK	50	0	21.47	21.55	21.47	23	1
20	QPSK	50	24	21.51	21.47	21.52		
20	QPSK	50	50	21.47	21.51	21.44		
20	QPSK	100	0	21.45	21.48	21.42		
20	16QAM	1	0	21.65	21.69	21.67	23	1
20	16QAM	1	49	21.80	21.74	21.74		
20	16QAM	1	99	21.55	21.66	21.52		
20	16QAM	50	0	20.42	20.38	20.46	22	2
20	16QAM	50	24	20.54	20.55	20.58		
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0

Band 5 Ant 0 DSI2

BW [MHz]	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	22.76	22.79	22.71	24	0
10	QPSK	1	25	22.61	22.66	22.59		
10	QPSK	1	49	22.62	22.72	22.57		
10	QPSK	25	0	21.68	21.76	21.66	23	1
10	QPSK	25	12	21.68	21.67	21.62		
10	QPSK	25	25	21.48	21.59	21.37		
10	QPSK	50	0	21.58	21.64	21.53		
10	16QAM	1	0	21.75	21.71	21.81	23	1
10	16QAM	1	25	21.61	21.62	21.69		
10	16QAM	1	49	21.73	21.69	21.80		
10	16QAM	25	0	20.78	20.72	20.77	22	2
10	16QAM	25	12	20.79	20.77	20.79		
10	16QAM	25	25	20.68	20.61	20.69		
10	16QAM	50	0	20.67	20.58	20.69		
10	64QAM	1	0	20.66	20.71	20.58	22	2
10	64QAM	1	25	20.74	20.72	20.79		
10	64QAM	1	49	20.71	20.75	20.69		
10	64QAM	25	0	19.60	19.58	19.57	21	3
10	64QAM	25	12	19.71	19.63	19.68		
10	64QAM	25	25	19.47	19.53	19.47		
10	64QAM	50	0	19.51	19.49	19.52		
10	256QAM	1	0	17.52	17.51	17.60	19	5
10	256QAM	1	25	17.43	17.37	17.50		
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49	19	5
10	256QAM	25	12	17.39	17.48	17.34		
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.69	22.57	24	0
5	QPSK	1	12	22.50	22.64	22.55		
5	QPSK	1	24	22.55	22.69	22.43		
5	QPSK	12	0	21.66	21.72	21.61	23	1
5	QPSK	12	7	21.48	21.65	21.62		
5	QPSK	12	13	21.35	21.43	21.31		
5	QPSK	25	0	21.42	21.60	21.47		
5	16QAM	1	0	21.56	21.63	21.77	23	1
5	16QAM	1	12	21.41	21.56	21.53		
5	16QAM	1	24	21.55	21.67	21.72		
5	16QAM	12	0	20.59	20.68	20.67	22	2
5	16QAM	12	7	20.72	20.67	20.74		
5	16QAM	12	13	20.58	20.58	20.61		
5	16QAM	25	0	20.62	20.56	20.64		
5	64QAM	1	0	20.55	20.61	20.54	22	2
5	64QAM	1	12	20.72	20.64	20.75		
5	64QAM	1	24	20.64	20.68	20.58		
5	64QAM	12	0	19.55	19.42	19.50	21	3
5	64QAM	12	7	19.69	19.57	19.65		
5	64QAM	12	13	19.31	19.39	19.38		
5	64QAM	25	0	19.48	19.46	19.41		
5	256QAM	1	0	17.51	17.39	17.45	19	5
5	256QAM	1	12	17.27	17.24	17.37		
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35	19	5
5	256QAM	12	7	17.24	17.41	17.30		
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.78	22.55	24	0
3	QPSK	1	8	22.49	22.56	22.54		
3	QPSK	1	14	22.43	22.67	22.47		
3	QPSK	8	0	21.57	21.60	21.61	23	1
3	QPSK	8	4	21.50	21.54	21.54		
3	QPSK	8	7	21.39	21.55	21.25		
3	QPSK	15	0	21.50	21.53	21.37		
3	16QAM	1	0	21.64	21.53	21.77	23	1
3	16QAM	1	8	21.56	21.56	21.59		
3	16QAM	1	14	21.56	21.65	21.66		
3	16QAM	8	0	20.64	20.52	20.70	22	2
3	16QAM	8	4	20.65	20.72	20.75		
3	16QAM	8	7	20.57	20.58	20.57		
3	16QAM	15	0	20.57	20.46	20.49		
3	64QAM	1	0	20.48	20.58	20.43	22	2
3	64QAM	1	8	20.58	20.60	20.60		
3	64QAM	1	14	20.60	20.56	20.56		
3	64QAM	8	0	19.52	19.43	19.43	21	3
3	64QAM	8	4	19.58	19.43	19.62		
3	64QAM	8	7	19.31	19.44	19.38		
3	64QAM	15	0	19.37	19.37	19.45		
3	256QAM	1	0	17.33	17.43	17.54	19	5
3	256QAM	1	8	17.28	17.22	17.43		
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43	19	5
3	256QAM	8	4	17.21	17.46	17.30		
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.75	22.76	22.71	24	0
1.4	QPSK	1	3	22.57	22.51	22.52		
1.4	QPSK	1	5	22.46	22.70	22.51		
1.4	QPSK	3	0	22.76	22.74	22.54		
1.4	QPSK	3	1	22.60	22.58	22.53		
1.4	QPSK	3	3	22.48	22.54	22.42		
1.4	QPSK	6	0	21.55	21.63	21.48	23	1
1.4	16QAM	1	0	21.55	21.50	21.58	23	1
1.4	16QAM	1	3	21.48	21.49	21.25		
1.4	16QAM	1	5	21.48	21.49	21.45		
1.4	16QAM	3	0	21.58	21.61	21.81		
1.4	16QAM	3	1	21.56	21.58	21.64		
1.4	16QAM	3	3	21.68	21.56	21.62		
1.4	16QAM	6	0	20.68	20.54	20.67	22	2
1.4	64QAM	1	0	20.62	20.69	20.73	22	2
1.4	64QAM	1	3	20.63	20.43	20.56		
1.4	64QAM	1	5	20.54	20.53	20.52		
1.4	64QAM	3	0	20.60	20.69	20.49		
1.4	64QAM	3	1	20.54	20.55	20.78		
1.4	64QAM	3	3	20.55	20.70	20.55		
1.4	64QAM	6	0	19.59	19.51	19.54	21	3
1.4	256QAM	1	0	17.41	17.34	17.51	19	5
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18		
1.4	256QAM	3	0	17.36	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	5

Band 12 Ant 0 DSI2

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.76	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.76	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.90	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI2 sig path：300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.96	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.06		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI2

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI2 sig path：378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.76	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI2 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

Band 66 Ant 0 DSI2

BW [MHz]	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	22.72	22.76	22.70	24	0
20	QPSK	1	49	22.49	22.55	22.54		
20	QPSK	1	99	22.65	22.61	22.53		
20	QPSK	50	0	21.63	21.69	21.46	23	1
20	QPSK	50	24	21.66	21.65	21.68		
20	QPSK	50	50	21.51	21.50	21.37		
20	QPSK	100	0	21.48	21.66	21.54		
20	16QAM	1	0	21.50	21.67	21.60	23	1
20	16QAM	1	49	21.52	21.62	21.57		
20	16QAM	1	99	21.49	21.58	21.51		
20	16QAM	50	0	20.59	20.67	20.53	22	2
20	16QAM	50	24	20.73	20.62	20.65		
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58	22	2
20	64QAM	1	49	20.44	20.53	20.55		
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51	21	3
20	64QAM	50	24	19.48	19.60	19.25		
20	64QAM	50	50	19.48	19.54	19.66		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48	19	5
20	256QAM	1	49	17.53	17.60	17.45		
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44	19	5
20	256QAM	50	24	17.31	17.49	17.14		
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.59	22.60	24	0
15	QPSK	1	37	22.33	22.49	22.49		
15	QPSK	1	74	22.52	22.44	22.40		
15	QPSK	36	0	21.57	21.52	21.33	23	1
15	QPSK	36	20	21.62	21.53	21.67		
15	QPSK	36	39	21.49	21.47	21.27		
15	QPSK	75	0	21.36	21.52	21.47		
15	16QAM	1	0	21.31	21.63	21.46	23	1
15	16QAM	1	37	21.44	21.60	21.46		
15	16QAM	1	74	21.34	21.40	21.33		
15	16QAM	36	0	20.48	20.60	20.36	22	2
15	16QAM	36	20	20.69	20.45	20.51		
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.55	20.44		
15	64QAM	1	0	20.60	20.43	20.56	22	2
15	64QAM	1	37	20.25	20.49	20.49		
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48	21	3
15	64QAM	36	20	19.29	19.44	19.24		
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38	19	5
15	256QAM	1	37	17.49	17.42	17.28		
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34	19	5
15	256QAM	36	20	17.30	17.35	17.04		
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.55	22.56	22.63	24	0
10	QPSK	1	25	22.43	22.44	22.44		
10	QPSK	1	49	22.60	22.53	22.35		
10	QPSK	25	0	21.58	21.65	21.29	23	1
10	QPSK	25	12	21.62	21.51	21.49		
10	QPSK	25	25	21.43	21.47	21.25		
10	QPSK	50	0	21.35	21.65	21.43		
10	16QAM	1	0	21.34	21.55	21.44	23	1
10	16QAM	1	25	21.46	21.53	21.55		
10	16QAM	1	49	21.35	21.53	21.48		
10	16QAM	25	0	20.52	20.61	20.50	22	2
10	16QAM	25	12	20.54	20.51	20.64		
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.49	20.53	20.39	22	2
10	64QAM	1	25	20.44	20.53	20.37		
10	64QAM	1	49	20.51	20.36	20.19		
10	64QAM	25	0	19.52	19.50	19.33	21	3
10	64QAM	25	12	19.31	19.44	19.14		
10	64QAM	25	25	19.30	19.51	19.52		
10	64QAM	50	0	19.46	19.45	19.30		
10	256QAM	1	0	17.37	17.61	17.42	19	5
10	256QAM	1	25	17.36	17.41	17.42		
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31	19	5
10	256QAM	25	12	17.30	17.34	17.08		
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.58	22.72	22.60	24	0
5	QPSK	1	12	22.33	22.47	22.45		
5	QPSK	1	24	22.63	22.49	22.47		
5	QPSK	12	0	21.46	21.53	21.29	23	1
5	QPSK	12	7	21.62	21.59	21.53		
5	QPSK	12	13	21.51	21.30	21.23		
5	QPSK	25	0	21.46	21.64	21.54		
5	16QAM	1	0	21.45	21.66	21.53	23	1
5	16QAM	1	12	21.36	21.60	21.44		
5	16QAM	1	24	21.33	21.49	21.33		
5	16QAM	12	0	20.43	20.54	20.40	22	2
5	16QAM	12	7	20.65	20.61	20.53		
5	16QAM	12	13	20.37	20.32	20.22		
5	16QAM	25	0	20.54	20.49	20.42		
5	64QAM	1	0	20.55	20.37	20.42	22	2
5	64QAM	1	12	20.25	20.50	20.52		
5	64QAM	1	24	20.48	20.51	20.30		
5	64QAM	12	0	19.54	19.49	19.51	21	3
5	64QAM	12	7	19.38	19.48	19.13		
5	64QAM	12	13	19.29	19.46	19.46		
5	64QAM	25	0	19.51	19.51	19.31		
5	256QAM	1	0	17.37	17.60	17.43	19	5
5	256QAM	1	12	17.51	17.55	17.26		
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44	19	5
5	256QAM	12	7	17.30	17.44	17.07		
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.63	22.55	24	0
3	QPSK	1	8	22.45	22.48	22.52		
3	QPSK	1	14	22.61	22.51	22.38		
3	QPSK	8	0	21.48	21.63	21.32	23	1
3	QPSK	8	4	21.48	21.54	21.52		
3	QPSK	8	7	21.37	21.33	21.26		
3	QPSK	15	0	21.39	21.63	21.36		
3	16QAM	1	0	21.41	21.60	21.43	23	1
3	16QAM	1	8	21.32	21.46	21.51		
3	16QAM	1	14	21.42	21.50	21.34		
3	16QAM	8	0	20.51	20.65	20.47	22	2
3	16QAM	8	4	20.61	20.59	20.58		
3	16QAM	8	7	20.24	20.43	20.37		
3	16QAM	15	0	20.49	20.42	20.42		
3	64QAM	1	0	20.46	20.40	20.43	22	2
3	64QAM	1	8	20.27	20.46	20.54		
3	64QAM	1	14	20.35	20.41	20.22		
3	64QAM	8	0	19.43	19.38	19.46	21	3
3	64QAM	8	4	19.38	19.42	19.14		
3	64QAM	8	7	19.36	19.39	19.48		
3	64QAM	15	0	19.51	19.52	19.27		
3	256QAM	1	0	17.54	17.59	17.46	19	5
3	256QAM	1	8	17.33	17.51	17.42		
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37	19	5
3	256QAM	8	4	17.19	17.41	17.10		
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.57	22.74	22.62	24	0
1.4	QPSK	1	3	22.47	22.44	22.37		
1.4	QPSK	1	5	22.60	22.52	22.36		
1.4	QPSK	3	0	22.57	22.70	22.55		
1.4	QPSK	3	1	22.36	22.44	22.47		
1.4	QPSK	3	3	22.47	22.55	22.50		
1.4	QPSK	6	0	21.58	21.68	21.38	23	1
1.4	16QAM	1	0	21.59	21.50	21.63	23	1
1.4	16QAM	1	3	21.43	21.40	21.24		
1.4	16QAM	1	5	21.36	21.57	21.46		
1.4	16QAM	3	0	21.32	21.62	21.44		
1.4	16QAM	3	1	21.37	21.61	21.54		
1.4	16QAM	3	3	21.39	21.53	21.32		
1.4	16QAM	6	0	20.59	20.57	20.49	22	2
1.4	64QAM	1	0	20.65	20.44	20.49	22	2
1.4	64QAM	1	3	20.31	20.48	20.21		
1.4	64QAM	1	5	20.51	20.42	20.54		
1.4	64QAM	3	0	20.61	20.54	20.53		
1.4	64QAM	3	1	20.25	20.46	20.36		
1.4	64QAM	3	3	20.52	20.47	20.18		
1.4	64QAM	6	0	19.46	19.54	19.12	21	3
1.4	256QAM	1	0	17.37	17.49	17.39	19	5
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49		
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	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	22.81	22.86	22.83	24	0
20	QPSK	1	49	22.76	22.68	22.72		
20	QPSK	1	99	22.84	22.77	22.68		
20	QPSK	50	0	21.80	21.84	21.54	23	1
20	QPSK	50	24	21.81	21.73	21.83		
20	QPSK	50	50	21.71	21.80	21.77		
20	QPSK	100	0	21.76	21.82	21.73		
20	16QAM	1	0	21.69	21.74	21.79	23	1
20	16QAM	1	49	21.70	21.73	21.73		
20	16QAM	1	99	21.63	21.79	21.64		
20	16QAM	50	0	20.67	20.79	20.60	22	2
20	16QAM	50	24	20.81	20.76	20.80		
20	16QAM	50	50	20.60	20.66	20.52		
20	16QAM	100	0	20.87	20.78	20.68		
20	64QAM	1	0	20.78	20.75	20.66	22	2
20	64QAM	1	49	20.60	20.62	20.68		
20	64QAM	1	99	20.68	20.70	20.51		
20	64QAM	50	0	19.75	19.67	19.73	21	3
20	64QAM	50	24	19.67	19.82	19.34		
20	64QAM	50	50	19.58	19.71	19.80		
20	64QAM	100	0	19.64	19.65	19.57		
20	256QAM	1	0	17.76	17.75	17.67	19	5
20	256QAM	1	49	17.64	17.70	17.63		
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55	19	5
20	256QAM	50	24	17.49	17.66	17.33		
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.82	22.71	24	0
15	QPSK	1	37	22.67	22.52	22.56		
15	QPSK	1	74	22.70	22.59	22.55		
15	QPSK	36	0	21.75	21.77	21.52	23	1
15	QPSK	36	20	21.70	21.60	21.73		
15	QPSK	36	39	21.55	21.75	21.62		
15	QPSK	75	0	21.71	21.79	21.56		
15	16QAM	1	0	21.52	21.57	21.64	23	1
15	16QAM	1	37	21.61	21.67	21.66		
15	16QAM	1	74	21.48	21.68	21.53		
15	16QAM	36	0	20.52	20.65	20.47	22	2
15	16QAM	36	20	20.66	20.58	20.68		
15	16QAM	36	39	20.51	20.63	20.45		
15	16QAM	75	0	20.74	20.63	20.62		
15	64QAM	1	0	20.74	20.66	20.49	22	2
15	64QAM	1	37	20.47	20.55	20.64		
15	64QAM	1	74	20.54	20.58	20.33		
15	64QAM	36	0	19.71	19.59	19.70	21	3
15	64QAM	36	20	19.53	19.73	19.70		
15	64QAM	36	39	19.55	19.57	19.77		
15	64QAM	75	0	19.50	19.66	19.56		
15	256QAM	1	0	17.68	17.60	17.55	19	5
15	256QAM	1	37	17.58	17.66	17.51		
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64	19	5
15	256QAM	36	20	17.70	17.65	17.67		
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.69	22.75	22.72	24	0
10	QPSK	1	25	22.71	22.55	22.69		
10	QPSK	1	49	22.77	22.70	22.59		
10	QPSK	25	0	21.69	21.77	21.50	23	1
10	QPSK	25	12	21.66	21.58	21.79		
10	QPSK	25	25	21.66	21.69	21.71		
10	QPSK	50	0	21.68	21.73	21.62		
10	16QAM	1	0	21.58	21.63	21.66	23	1
10	16QAM	1	25	21.60	21.59	21.68		
10	16QAM	1	49	21.49	21.72	21.58		
10	16QAM	25	0	20.51	20.74	20.56	22	2
10	16QAM	25	12	20.65	20.62	20.73		
10	16QAM	25	25	20.53	20.63	20.38		
10	16QAM	50	0	20.77	20.66	20.54		
10	64QAM	1	0	20.68	20.69	20.60	22	2
10	64QAM	1	25	20.55	20.53	20.50		
10	64QAM	1	49	20.62	20.59	20.37		
10	64QAM	25	0	19.67	19.57	19.68	21	3
10	64QAM	25	12	19.51	19.73	19.76		
10	64QAM	25	25	19.63	19.60	19.71		
10	64QAM	50	0	19.59	19.65	19.60		
10	256QAM	1	0	17.59	17.71	17.60	19	5
10	256QAM	1	25	17.55	17.58	17.54		
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61	19	5
10	256QAM	25	12	17.72	17.65	17.61		
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.76	22.78	22.68	24	0
5	QPSK	1	12	22.68	22.52	22.66		
5	QPSK	1	24	22.71	22.65	22.53		
5	QPSK	12	0	21.63	21.78	21.45	23	1
5	QPSK	12	7	21.66	21.61	21.67		
5	QPSK	12	13	21.65	21.72	21.64		
5	QPSK	25	0	21.60	21.73	21.65		
5	16QAM	1	0	21.56	21.70	21.73	23	1
5	16QAM	1	12	21.58	21.70	21.68		
5	16QAM	1	24	21.59	21.61	21.60		
5	16QAM	12	0	20.56	20.71	20.44	22	2
5	16QAM	12	7	20.64	20.62	20.78		
5	16QAM	12	13	20.50	20.58	20.47		
5	16QAM	25	0	20.70	20.68	20.54		
5	64QAM	1	0	20.61	20.64	20.55	22	2
5	64QAM	1	12	20.58	20.45	20.61		
5	64QAM	1	24	20.64	20.67	20.40		
5	64QAM	12	0	19.60	19.56	19.61	21	3
5	64QAM	12	7	19.52	19.66	19.72		
5	64QAM	12	13	19.68	19.57	19.72		
5	64QAM	25	0	19.58	19.64	19.66		
5	256QAM	1	0	17.60	17.71	17.60	19	5
5	256QAM	1	12	17.59	17.59	17.58		
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57	19	5
5	256QAM	12	7	17.73	17.60	17.58		
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.77	22.69	22.67	24	0
3	QPSK	1	8	22.74	22.60	22.69		
3	QPSK	1	14	22.70	22.72	22.51		
3	QPSK	8	0	21.75	21.73	21.41	23	1
3	QPSK	8	4	21.75	21.58	21.72		
3	QPSK	8	7	21.63	21.71	21.72		
3	QPSK	15	0	21.70	21.79	21.66		
3	16QAM	1	0	21.55	21.70	21.67	23	1
3	16QAM	1	8	21.56	21.62	21.67		
3	16QAM	1	14	21.49	21.69	21.57		
3	16QAM	8	0	20.49	20.64	20.58	22	2
3	16QAM	8	4	20.65	20.58	20.66		
3	16QAM	8	7	20.51	20.51	20.42		
3	16QAM	15	0	20.73	20.75	20.63		
3	64QAM	1	0	20.64	20.58	20.57	22	2
3	64QAM	1	8	20.54	20.50	20.64		
3	64QAM	1	14	20.64	20.62	20.37		
3	64QAM	8	0	19.66	19.49	19.61	21	3
3	64QAM	8	4	19.61	19.70	19.69		
3	64QAM	8	7	19.55	19.65	19.78		
3	64QAM	15	0	19.55	19.63	19.59		
3	256QAM	1	0	17.60	17.66	17.59	19	5
3	256QAM	1	8	17.60	17.65	17.55		
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66	19	5
3	256QAM	8	4	17.61	17.63	17.67		
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.85	22.82	24	0
1.4	QPSK	1	3	22.56	22.58	22.57		
1.4	QPSK	1	5	22.74	22.67	22.55		
1.4	QPSK	3	0	22.69	22.80	22.70		
1.4	QPSK	3	1	22.58	22.61	22.59		
1.4	QPSK	3	3	22.61	22.68	22.70		
1.4	QPSK	6	0	21.66	21.86	21.55	23	1
1.4	16QAM	1	0	21.79	21.72	21.71	23	1
1.4	16QAM	1	3	21.59	21.55	21.35		
1.4	16QAM	1	5	21.54	21.73	21.57		
1.4	16QAM	3	0	21.44	21.69	21.56		
1.4	16QAM	3	1	21.54	21.78	21.72		
1.4	16QAM	3	3	21.56	21.75	21.50		
1.4	16QAM	6	0	20.76	20.80	20.60	22	2
1.4	64QAM	1	0	20.75	20.56	20.62	22	2
1.4	64QAM	1	3	20.50	20.59	20.43		
1.4	64QAM	1	5	20.73	20.64	20.71		
1.4	64QAM	3	0	20.69	20.76	20.71		
1.4	64QAM	3	1	20.48	20.60	20.49		
1.4	64QAM	3	3	20.62	20.66	20.26		
1.4	64QAM	6	0	19.60	19.64	19.28	21	3
1.4	256QAM	1	0	17.55	17.58	17.56	19	5
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61		
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.22	15.37	15.25	16	0
20	QPSK	1	49	15.21	15.28	15.07		
20	QPSK	1	99	15.15	15.10	15.24		
20	QPSK	50	0	15.26	15.30	15.24		
20	QPSK	50	24	15.01	14.98	15.00		
20	QPSK	50	50	15.08	15.11	15.16		
20	QPSK	100	0	15.15	15.22	14.98		
20	16QAM	1	0	15.25	15.22	15.19		
20	16QAM	1	49	15.18	15.09	15.12	16	0
20	16QAM	1	99	15.03	15.06	15.16		
20	16QAM	50	0	15.11	14.96	15.12		
20	16QAM	50	24	15.13	15.18	15.24	16	0
20	16QAM	50	50	15.11	15.16	15.16		
20	16QAM	100	0	15.16	15.13	15.15		
20	64QAM	1	0	15.14	15.12	14.97		
20	64QAM	1	49	15.03	15.04	15.00	16	0
20	64QAM	1	99	15.20	15.30	15.25		
20	64QAM	50	0	15.23	15.07	15.03		
20	64QAM	50	24	15.21	15.14	15.18	16	0
20	64QAM	50	50	15.08	15.23	15.15		
20	64QAM	100	0	15.01	15.20	15.16		
20	256QAM	1	0	15.18	15.24	15.25		
20	256QAM	1	49	15.10	15.29	14.99	16	0
20	256QAM	1	99	15.08	14.86	15.05		
20	256QAM	50	0	15.20	15.19	15.02		
20	256QAM	50	24	14.93	14.82	15.12	16	0
20	256QAM	50	50	14.89	15.06	15.07		
20	256QAM	100	0	15.10	15.12	15.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.10	15.30	15.18	16	0
15	QPSK	1	37	15.13	15.15	14.97		
15	QPSK	1	74	15.04	14.96	15.15		
15	QPSK	36	0	15.16	15.18	15.17		
15	QPSK	36	20	14.92	14.86	14.86		
15	QPSK	36	39	14.94	15.02	15.07		
15	QPSK	75	0	15.01	15.17	14.87		
15	16QAM	1	0	15.11	15.14	15.14		
15	16QAM	1	37	15.13	14.97	15.02	16	0
15	16QAM	1	74	14.89	14.98	15.04		
15	16QAM	36	0	14.99	14.84	15.05		
15	16QAM	36	20	15.04	15.07	15.13	16	0
15	16QAM	36	39	15.04	15.03	15.09		
15	16QAM	75	0	15.06	15.01	15.03		
15	64QAM	1	0	15.06	14.98	14.94		
15	64QAM	1	37	14.92	14.93	14.94	16	0
15	64QAM	1	74	15.09	15.23	15.17		
15	64QAM	36	0	15.14	15.01	14.88		
15	64QAM	36	20	15.09	15.02	15.05	16	0
15	64QAM	36	39	14.99	15.17	15.05		
15	64QAM	75	0	14.92	15.12	15.06		
15	256QAM	1	0	15.07	15.18	15.10		
15	256QAM	1	37	14.88	15.25	14.85	16	0
15	256QAM	1	74	14.97	14.72	14.97		
15	256QAM	36	0	15.08	15.11	14.88		
15	256QAM	36	20	14.80	14.67	15.04	16	0
15	256QAM	36	39	14.83	14.98	14.93		
15	256QAM	75	0	14.97	15.03	14.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.12	15.26	15.15	16	0
10	QPSK	1	25	15.09	15.14	14.93		
10	QPSK	1	49	15.09	15.02	15.14		
10	QPSK	25	0	15.19	15.17	15.17		
10	QPSK	25	12	14.95	14.88	14.90	16	0
10	QPSK	25	25	15.01	14.99	15.11		
10	QPSK	50	0	15.02	15.18	14.86		
10	16QAM	1	0	15.19	15.11	15.07		
10	16QAM	1	25	15.09	15.02	15.05	16	0
10	16QAM	1	49	14.89	14.93	15.03		
10	16QAM	25	0	15.00	14.85	14.99		
10	16QAM	25	12	15.03	15.04	15.19	16	0
10	16QAM	25	25	15.04	15.08	15.08		
10	16QAM	50	0	15.02	15.02	15.04		
10	64QAM	1	0	15.04	15.05	14.92		
10	64QAM	1	25	14.97	14.99	14.95	16	0
10	64QAM	1	49	15.10	15.19	15.15		
10	64QAM	25	0	15.18	14.94	14.97		
10	64QAM	25	12	15.12	15.00	15.05	16	0
10	64QAM	25	25	14.99	15.17	15.03		
10	64QAM	50	0	14.92	15.10	15.10		
10	256QAM	1	0	15.06	15.10	15.12		
10	256QAM	1	25	14.98	15.23	14.87	16	0
10	256QAM	1	49	15.03	14.80	14.94		
10	256QAM	25	0	15.14	15.12	14.94		
10	256QAM	25	12	14.88	14.73	15.02	16	0
10	256QAM	25	25	14.79	14.99	14.92		
10	256QAM	50	0	14.99	14.99	14.97		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.15	15.23	15.15	16	0
5	QPSK	1	12	15.13	15.14	14.93		
5	QPSK	1	24	15.09	15.01	15.10		
5	QPSK	12	0	15.18	15.21	15.15		
5	QPSK	12	7	14.87	14.93	14.94	16	0
5	QPSK	12	13	15.02	15.06	15.05		
5	QPSK	25	0	15.03	15.14	14.88		
5	16QAM	1	0	15.15	15.15	15.09		
5	16QAM	1	12	15.08	15.00	14.98	16	0
5	16QAM	1	24	14.92	14.97	15.06		
5	16QAM	12	0	15.00	14.85	15.00		
5	16QAM	12	7	15.03	15.07	15.10	16	0
5	16QAM	12	13	15.02	15.06	15.01		
5	16QAM	25	0	15.09	15.00	15.02		
5	64QAM	1	0	15.07	15.05	14.94		
5	64QAM	1	12	14.95	14.96	14.86	16	0
5	64QAM	1	24	15.09	15.12	14.96		
5	64QAM	12	0	15.17	14.95	14.96		
5	64QAM	12	7	15.08	15.04	15.09	16	0
5	64QAM	12	13	14.94	15.12	15.05		
5	64QAM	25	0	14.90	15.13	14.94		
5	256QAM	1	0	15.11	15.14	15.17		
5	256QAM	1	12	15.00	15.15	14.89	16	0
5	256QAM	1	24	14.94	14.76	14.94		
5	256QAM	12	0	15.08	15.12	14.96		
5	256QAM	12	7	14.80	14.76	15.01	16	0
5	256QAM	12	13	14.75	14.99	14.94		
5	256QAM	25	0	14.96	15.00	14.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.11	15.24	15.14	16	0
3	QPSK	1	8	15.10	15.18	14.97		
3	QPSK	1	14	15.02	15.02	15.18		
3	QPSK	8	0	15.13	15.16	15.12		
3	QPSK	8	4	14.95	14.89	14.95	16	0
3	QPSK	8	7	15.00	15.06	15.06		
3	QPSK	15	0	15.01	15.18	14.87		
3	16QAM	1	0	15.19	15.15	15.09		
3	16QAM	1	8	15.05	14.99	14.99	16	0
3	16QAM	1	14	14.91	14.94	15.07		
3	16QAM	8	0	15.03	14.82	15.04		
3	16QAM	8	4	15.02	15.06	15.17	16	0
3	16QAM	8	7	15.02	15.05	15.10		
3	16QAM	15	0	15.07	15.05	15.02		
3	64QAM	1	0	14.99	15.07	14.94		
3	64QAM	1	8	14.89	14.91	14.87	16	0
3	64QAM	1	14	15.09	15.24	15.15		
3	64QAM	8	0	15.17	14.93	14.91		
3	64QAM	8	4	15.13	15.00	15.07	16	0
3	64QAM	8	7	14.96	15.08	15.07		
3	64QAM	15	0	14.96	15.07	15.03		
3	256QAM	1	0	15.08	15.18	15.17		
3	256QAM	1	8	15.01	15.21	14.91	16	0
3	256QAM	1	14	14.99	14.72	14.93		
3	256QAM	8	0	15.09	15.05	14.93		
3	256QAM	8	4	14.83	14.77	15.00	16	0
3	256QAM	8	7	14.80	14.97	14.96		
3	256QAM	15	0	15.02	15.06	14.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.08	15.22	15.16	16	0
1.4	QPSK	1	3	15.09	15.20	14.98		
1.4	QPSK	1	5	15.07	15.01	15.13		
1.4	QPSK	3	0	15.16	15.16	15.13		
1.4	QPSK	3	1	14.93	14.92	14.95		
1.4	QPSK	3	3	14.99	15.00	15.05		
1.4	QPSK	6	0	15.00	15.19	14.85	16	0
1.4	16QAM	1	0	15.18	15.11	15.07		
1.4	16QAM	1	3	15.06	14.96	15.00		
1.4	16QAM	1	5	14.88	15.01	15.11	16	0
1.4	16QAM	3	0	15.06	14.85	14.98		
1.4	16QAM	3	1	15.02	15.06	15.18		
1.4	16QAM	3	3	15.06	15.07	15.10		
1.4	16QAM	6	0	15.07	15.03	15.01	16	0
1.4	64QAM	1	0	15.04	15.03	14.93		
1.4	64QAM	1	3	14.95	14.91	14.95		
1.4	64QAM	1	5	15.11	15.20	15.17	16	0
1.4	64QAM	3	0	15.18	14.96	14.92		
1.4	64QAM	3	1	15.12	15.08	15.06		
1.4	64QAM	3	3	14.99	15.14	15.09		
1.4	64QAM	6	0	14.86	15.13	15.10	16	0
1.4	256QAM	1	0	15.06	15.15	15.16		
1.4	256QAM	1	3	15.02	15.15	14.93		
1.4	256QAM	1	5	14.95	14.77	14.92	16	0
1.4	256QAM	3	0	15.09	15.12	14.92		
1.4	256QAM	3	1	14.83	14.67	14.98		
1.4	256QAM	3	3	14.78	14.97	14.98		
1.4	256QAM	6	0	15.01	15.06	14.99	16	0

Band 2 Ant 4 DSI2 sig path：347

BW [MHz]	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	15.52	15.59	15.41	16	0
20	QPSK	1	49	15.30	15.08	15.33		
20	QPSK	1	99	15.42	15.39	15.14		
20	QPSK	50	0	15.36	15.52	15.26		
20	QPSK	50	24	15.21	15.47	15.20	16	0
20	QPSK	50	50	15.29	15.17	15.21		
20	QPSK	100	0	15.26	15.32	15.22		
20	16QAM	1	0	15.23	15.30	15.02		
20	16QAM	1	49	15.13	15.20	15.15	16	0
20	16QAM	1	99	15.20	15.39	15.32		
20	16QAM	50	0	15.36	15.25	15.27		
20	16QAM	50	24	15.13	15.22	15.29	16	0
20	16QAM	50	50	15.21	15.36	15.14		
20	16QAM	100	0	15.12	15.32	15.26		
20	64QAM	1	0	15.28	15.29	15.21		
20	64QAM	1	49	15.28	15.26	15.18	16	0
20	64QAM	1	99	15.28	15.28	15.39		
20	64QAM	50	0	15.25	15.04	15.42		
20	64QAM	50	24	15.04	15.18	15.43	16	0
20	64QAM	50	50	15.34	15.01	15.16		
20	64QAM	100	0	15.36	15.25	15.28		
20	256QAM	1	0	15.31	15.49	15.26		
20	256QAM	1	49	15.04	14.90	15.10	16	0
20	256QAM	1	99	15.37	14.98	15.02		
20	256QAM	50	0	15.23	15.27	15.23		
20	256QAM	50	24	15.12	15.03	15.23	16	0
20	256QAM	50	50	15.20	15.32	15.15		
20	256QAM	100	0	15.03	15.19	15.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.47	15.46	15.36	16	0
15	QPSK	1	37	15.24	15.15	15.20		
15	QPSK	1	74	15.36	15.27	15.06		
15	QPSK	36	0	15.23	15.41	15.21		
15	QPSK	36	20	15.13	15.39	15.13	16	0
15	QPSK	36	39	15.19	15.10	15.14		
15	QPSK	75	0	15.16	15.26	15.08		
15	16QAM	1	0	15.09	15.24	14.95		
15	16QAM	1	37	15.06	15.09	15.04	16	0
15	16QAM	1	74	15.07	15.30	15.27		
15	16QAM	36	0	15.22	15.24	15.14		
15	16QAM	36	20	15.05	15.08	15.18	16	0
15	16QAM	36	39	15.10	15.25	15.05		
15	16QAM	75	0	15.07	15.11	15.11		
15	64QAM	1	0	15.20	15.23	15.11		
15	64QAM	1	37	15.20	15.20	15.09	16	0
15	64QAM	1	74	15.19	15.21	15.28		
15	64QAM	36	0	15.13	14.90	15.33		
15	64QAM	36	20	14.94	15.10	15.30	16	0
15	64QAM	36	39	15.28	14.92	15.10		
15	64QAM	75	0	15.31	15.10	15.19		
15	256QAM	1	0	15.17	15.35	15.14		
15	256QAM	1	37	14.96	14.85	15.00	16	0
15	256QAM	1	74	15.25	14.90	14.93		
15	256QAM	36	0	15.08	15.18	15.09		
15	256QAM	36	20	15.06	14.94	15.12	16	0
15	256QAM	36	39	15.08	14.98	15.02		
15	256QAM	75	0	14.90	15.13	15.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.41	15.52	15.29	16	0
10	QPSK	1	25	15.16	14.98	15.20		
10	QPSK	1	49	15.31	15.33	15.04		
10	QPSK	25	0	15.30	15.45	15.14		
10	QPSK	25	12	15.15	15.40	15.08	16	0
10	QPSK	25	25	15.09	15.16	15.11		
10	QPSK	50	0	15.14	15.25	15.16		
10	16QAM	1	0	15.12	15.23	14.94		
10	16QAM	1	25	15.03	15.09	15.09	16	0
10	16QAM	1	49	15.13	15.35	15.26		
10	16QAM	25	0	15.29	15.21	15.18		
10	16QAM	25	12	15.04	15.08	15.20	16	0
10	16QAM	25	25	15.14	15.25	15.05		
10	16QAM	50	0	15.06	15.15	15.17		
10	64QAM	1	0	15.13	15.23	15.12		
10	64QAM	1	25	15.17	15.14	15.10	16	0
10	64QAM	1	49	15.19	15.15	15.26		
10	64QAM	25	0	15.13	14.91	15.33		
10	64QAM	25	12	14.95	15.04	15.30	16	0
10	64QAM	25	25	15.23	14.94	15.09		
10	64QAM	50	0	15.28	15.14	15.23		
10	256QAM	1	0	15.21	15.34	15.18		
10	256QAM	1	25	14.94	14.79	15.02	16	0
10	256QAM	1	49	15.22	14.85	14.88		
10	256QAM	25	0	15.09	15.14	15.11		
10	256QAM	25	12	15.03	15.18	15.04	16	0
10	256QAM	25	25	15.09	14.99	15.04		
10	256QAM	50	0	14.88	15.05	15.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.40	15.46	15.27	16	0
5	QPSK	1	12	15.21	14.96	15.21		
5	QPSK	1	24	15.33	15.30	15.03		
5	QPSK	12	0	15.23	15.44	15.11		
5	QPSK	12	7	15.08	15.41	15.12	16	0
5	QPSK	12	13	15.22	15.08	15.13		
5	QPSK	25	0	15.12	15.23	15.15		
5	16QAM	1	0	15.16	15.19	14.96		
5	16QAM	1	12	15.07	15.08	15.01	16	0
5	16QAM	1	24	15.09	15.30	15.26		
5	16QAM	12	0	15.27	15.21	15.16		
5	16QAM	12	7	15.05	15.08	15.16	16	0
5	16QAM	12	13	15.11	15.04	15.04		
5	16QAM	25	0	15.05	15.24	15.18		
5	64QAM	1	0	15.15	15.18	15.10		
5	64QAM	1	12	15.14	15.16	15.12	16	0
5	64QAM	1	24	15.19	15.19	15.36		
5	64QAM	12	0	15.19	14.94	15.36		
5	64QAM	12	7	14.93	15.12	15.31	16	0
5	64QAM	12	13	15.19	14.94	15.04		
5	64QAM	25	0	15.23	15.19	15.19		
5	256QAM	1	0	15.20	15.36	15.20		
5	256QAM	1	12	14.90	14.76	15.01	16	0
5	256QAM	1	24	15.26	14.90	14.93		
5	256QAM	12	0	15.16	15.13	15.13		
5	256QAM	12	7	15.01	14.96	15.10	16	0
5	256QAM	12	13	15.12	14.99	15.00		
5	256QAM	25	0	14.94	15.12	15.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.43	15.54	15.27	16	0
3	QPSK	1	8	15.23	14.99	15.25		
3	QPSK	1	14	15.28	15.31	15.03		
3	QPSK	8	0	15.23	15.47	15.12		
3	QPSK	8	4	15.08	15.39	15.05	16	0
3	QPSK	8	7	15.19	15.12	15.13		
3	QPSK	15	0	15.16	15.25	15.16		
3	16QAM	1	0	15.16	15.17	14.93		
3	16QAM	1	8	15.02	15.15	15.06	16	0
3	16QAM	1	14	15.14	15.30	15.27		
3	16QAM	8	0	15.30	15.23	15.15		
3	16QAM	8	4	14.98	15.13	15.16	16	0
3	16QAM	8	7	15.11	15.28	15.01		
3	16QAM	15	0	15.05	15.19	15.13		
3	64QAM	1	0	15.15	15.20	15.08		
3	64QAM	1	8	15.14	15.16	15.05	16	0
3	64QAM	1	14	15.17	15.17	15.25		
3	64QAM	8	0	15.12	14.96	15.34		
3	64QAM	8	4	14.92	15.12	15.34	16	0
3	64QAM	8	7	15.20	14.95	15.09		
3	64QAM	15	0	15.21	15.17	15.23		
3	256QAM	1	0	15.22	15.39	15.15		
3	256QAM	1	8	14.94	14.83	15.00	16	0
3	256QAM	1	14	15.27	14.90	14.90		
3	256QAM	8	0	15.09	15.14	15.16		
3	256QAM	8	4	15.02	14.93	15.13	16	0
3	256QAM	8	7	15.14	15.03	15.08		
3	256QAM	15	0	14.94	15.12	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.45	15.49	15.34	16	0
1.4	QPSK	1	3	15.19	15.00	15.26		
1.4	QPSK	1	5	15.27	15.27	15.00		
1.4	QPSK	3	0	15.29	15.42	15.12		
1.4	QPSK	3	1	15.13	15.39	15.05		
1.4	QPSK	3	3	15.19	15.06	15.08		
1.4	QPSK	6	0	15.18	15.23	15.16	16	0
1.4	16QAM	1	0	15.14	15.21	14.92		
1.4	16QAM	1	3	15.00	15.15	15.06		
1.4	16QAM	1	5	15.11	15.31	15.25	16	0
1.4	16QAM	3	0	15.22	15.28	15.15		
1.4	16QAM	3	1	15.00	15.10	15.14		
1.4	16QAM	3	3	15.08	15.27	15.09		
1.4	16QAM	6	0	15.01	15.24	15.21	16	0
1.4	64QAM	1	0	15.13	15.19	15.08		
1.4	64QAM	1	3	15.23	15.19	15.09		
1.4	64QAM	1	5	15.18	15.19	15.29	16	0
1.4	64QAM	3	0	15.15	14.92	15.31		
1.4	64QAM	3	1	14.92	15.07	15.35		
1.4	64QAM	3	3	15.25	14.89	15.10		
1.4	64QAM	6	0	15.29	15.12	15.21	16	0
1.4	256QAM	1	0	15.22	15.42	15.19		
1.4	256QAM	1	3	14.91	14.76	15.03		
1.4	256QAM	1	5	15.31	14.86	14.88	16	0
1.4	256QAM	3	0	15.11	15.13	15.11		
1.4	256QAM	3	1	14.99	14.96	15.12		
1.4	256QAM	3	3	15.07	15.04	15.09		
1.4	256QAM	6	0	14.94	15.11	15.09	16	0

Band 4 Ant 4 DSI2

BW [MHz]	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	14.23	14.49	14.37	15.5	0
20	QPSK	1	49	14.26	14.27	14.37		
20	QPSK	1	99	14.34	14.26	14.21		
20	QPSK	50	0	14.36	14.48	14.31		
20	QPSK	50	24	14.32	14.19	14.22	15.5	0
20	QPSK	50	50	14.29	14.19	14.18		
20	QPSK	100	0	14.23	14.19	14.26		
20	16QAM	1	0	14.16	14.15	14.22		
20	16QAM	1	49	14.24	14.21	14.27	15.5	0
20	16QAM	1	99	14.29	14.35	14.14		
20	16QAM	50	0	14.34	14.26	14.23		
20	16QAM	50	24	14.09	14.28	14.21	15.5	0
20	16QAM	50	50	14.22	14.28	14.21		
20	16QAM	100	0	14.32	14.34	14.31		
20	64QA

Band 12 Ant 4 DSI2

BW [MHz]	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	21.71	21.86	21.74		
10	QPSK	1	25	21.60	21.63	21.55	23	0
10	QPSK	1	49	21.59	21.72	21.59		
10	QPSK	25	0	21.62	21.70	21.62		
10	QPSK	25	12	21.52	21.43	21.44	23	0
10	QPSK	25	25	21.48	21.63	21.44		
10	QPSK	50	0	21.50	21.63	21.69		
10	16QAM	1	0	21.63	21.50	21.52		
10	16QAM	1	25	21.53	21.65	21.61	23	0
10	16QAM	1	49	21.63	21.76	21.51		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	1
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	1
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	2
10	64QAM	25	25	19.58	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	4
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	4
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.61	21.79	21.65		
5	QPSK	1	12	21.48	21.57	21.44	23	0
5	QPSK	1	24	21.50	21.63	21.54		
5	QPSK	12	0	21.55	21.62	21.54		
5	QPSK	12	7	21.42	21.28	21.29	23	0
5	QPSK	12	13	21.41	21.58	21.39		
5	QPSK	25	0	21.42	21.71	21.58		
5	16QAM	1	0	21.56	21.39	21.40		
5	16QAM	1	12	21.40	21.56	21.49	23	0
5	16QAM	1	24	21.56	21.64	21.45		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	1
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.29	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	1
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	2
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.40	17.52	19	4
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	4
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.61	21.76	21.69		
3	QPSK	1	8	21.47	21.53	21.44	23	0
3	QPSK	1	14	21.46	21.58	21.46		
3	QPSK	8	0	21.49	21.56	21.54		
3	QPSK	8	4	21.38	21.33	21.32	23	0
3	QPSK	8	7	21.41	21.57	21.30		
3	QPSK	15	0	21.39	21.73	21.60		
3	16QAM	1	0	21.56	21.42	21.38		
3	16QAM	1	8	21.39	21.55	21.49	23	0
3	16QAM	1	14	21.49	21.66	21.43		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	1
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	1
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	2
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	4
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	4
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.66	21.75	21.61		
1.4	QPSK	1	3	21.50	21.55	21.43		
1.4	QPSK	1	5	21.42	21.59	21.48	23	0
1.4	QPSK	3	0	21.49	21.62	21.51		
1.4	QPSK	3	1	21.37	21.29	21.35		
1.4	QPSK	3	3	21.34	21.53	21.35		
1.4	QPSK	6	0	21.41	21.70	21.59	23	0
1.4	16QAM	1	0	21.51	21.38	21.43		
1.4	16QAM	1	3	21.39	21.52	21.56		
1.4	16QAM	1	5	21.56	21.62	21.44	23	0
1.4	16QAM	3	0	21.61	21.81	21.63		
1.4	16QAM	3	1	21.52	21.54	21.44		
1.4	16QAM	3	3	21.41	21.65	21.53		
1.4	16QAM	6	0	20.62	20.46	20.57	22	1
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	1
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	2
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	4
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	4

Band 12 Ant 4 DSI2 sig path：300

BW [MHz]	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	21.70	21.88	21.68		
10	QPSK	1	25	21.41	21.53	21.58	23	0
10	QPSK	1	49	21.38	21.73	21.43		
10	QPSK	25	0	21.77	21.84	21.63		
10	QPSK	25	12	21.43	21.52	21.36	23	0
10	QPSK	25	25	21.28	21.59	21.37		
10	QPSK	50	0	21.49	21.81	21.61		
10	16QAM	1	0	21.46	21.32	21.55		
10	16QAM	1	25	21.34	21.63	21.40	23	0
10	16QAM	1	49	21.43	21.64	21.39		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	1
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.94	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	1
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	2
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	4
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	4
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.77	21.54		
5	QPSK	1	12	21.29	21.38	21.52	23	0
5	QPSK	1	24	21.28	21.58	21.35		
5	QPSK	12	0	21.68	21.77	21.51		
5	QPSK	12	7	21.32	21.45	21.27	23	0
5	QPSK	12	13	21.21	21.51	21.23		
5	QPSK	25	0	21.38	21.69	21.48		
5	16QAM	1	0	21.35	21.17	21.41		
5	16QAM	1	12	21.27	21.56	21.26	23	0
5	16QAM	1	24	21.36	21.50	21.29		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	1
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	1
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	2
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	4
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	4
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.61	21.74	21.54		
3	QPSK	1	8	21.33	21.45	21.47	23	0
3	QPSK	1	14	21.31	21.65	21.36		
3	QPSK	8	0	21.70	21.78	21.49		
3	QPSK	8	4	21.37	21.45	21.29	23	0
3	QPSK	8	7	21.21	21.45	21.24		
3	QPSK	15	0	21.38	21.74	21.52		
3	16QAM	1	0	21.37	21.22	21.41		
3	16QAM	1	8	21.20	21.51	21.27	23	0
3	16QAM	1	14	21.38	21.53	21.32		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	1
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	1
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	2
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	4
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	4
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.59	21.81	21.62		
1.4	QPSK	1	3	21.27	21.41	21.46		
1.4	QPSK	1	5	21.27	21.62	21.35	23	0
1.4	QPSK	3	0	21.64	21.73	21.55		
1.4	QPSK	3	1	21.33	21.41	21.24		
1.4	QPSK	3	3	21.16	21.53	21.30		
1.4	QPSK	6	0	21.35	21.70	21.53	23	0
1.4	16QAM	1	0	21.34	21.27	21.48		
1.4	16QAM	1	3	21.23	21.54	21.30		
1.4	16QAM	1	5	21.38	21.53	21.32	23	0
1.4	16QAM	3	0	21.65	21.75	21.55		
1.4	16QAM	3	1	21.35	21.48	21.52		
1.4	16QAM	3	3	21.27	21.65	21.29		
1.4	16QAM	6	0	20.89	20.66	20.84	22	1
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	1
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	2
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	4
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	4

Band 13 Ant 4 DSI2

BW [MHz]	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		21.82			
10	QPSK	1	25		21.64		22.5	0
10	QPSK	1	49		21.59			
10	QPSK	25	0		21.78			
10	QPSK	25	12		21.67		22.5	0
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.64			
10	16QAM	1	25		21.77		22.5	0
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	0.5
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	0.5
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	1.5
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	3.5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	3.5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.56	21.72	21.70		
5	QPSK	1	12	21.43	21.52	21.43	22.5	0
5	QPSK	1	24	21.46	21.52	21.40		
5	QPSK	12	0	21.57	21.72	21.58		
5	QPSK	12	7	21.53	21.55	21.40	22.5	0
5	QPSK	12	13	21.37	21.50	21.43		
5	QPSK	25	0	21.59	21.59	21.48		
5	16QAM	1	0	21.45	21.56	21.44		
5	16QAM	1	12	21.54	21.64	21.57	22.5	0
5	16QAM	1	24	21.57	21.73	21.55		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	0.5
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	0.5
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	1.5
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	3.5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	3.5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI2 sig path：378

BW [MHz]	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		21.67			
10	QPSK	1	25		21.53		22.5	0
10	QPSK	1	49		21.62			
10	QPSK	25	0		21.64			
10	QPSK	25	12		21.50		22.5	0
10	QPSK	25	25		21.45			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.44			
10	16QAM	1	25		21.51		22.5	0
10	16QAM	1	49		21.64			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	0.5
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	0.5
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	1.5
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	3.5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	3.5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.45	21.58	21.44		
5	QPSK	1	12	21.29	21.39	21.36	22.5	0
5	QPSK	1	24	21.45	21.51	21.42		
5	QPSK	12	0	21.49	21.52	21.42		
5	QPSK	12	7	21.23	21.39	21.31	22.5	0
5	QPSK	12	13	21.21	21.30	21.29		
5	QPSK	25	0	21.23	21.37	21.20		
5	16QAM	1	0	21.21	21.36	21.27		
5	16QAM	1	12	21.32	21.45	21.23	22.5	0
5	16QAM	1	24	21.52	21.49	21.39		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	0.5
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	0.5
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	1.5
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	3.5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	3.5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.84		22.5	0
10	QPSK	1	25		21.65			
10	QPSK	1	49		21.57			
10	QPSK	25	0		21.81		22.5	0
10	QPSK	25	12		21.70			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.76			
10	16QAM	1	0		21.62		22.5	0
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.75			
10	16QAM	25	0		20.56		22	0.5
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	0.5
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	1.5
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	3.5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	3.5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.64	21.69	21.65	22.5	0
5	QPSK	1	12	21.44	21.60	21.37		
5	QPSK	1	24	21.38	21.50	21.36		
5	QPSK	12	0	21.64	21.72	21.53	22.5	0
5	QPSK	12	7	21.50	21.56	21.53		
5	QPSK	12	13	21.40	21.48	21.40		
5	QPSK	25	0	21.55	21.70	21.60		
5	16QAM	1	0	21.41	21.48	21.39	22.5	0
5	16QAM	1	12	21.52	21.59	21.56		
5	16QAM	1	24	21.61	21.62	21.59		
5	16QAM	12	0	20.46	20.48	20.43	22	0.5
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	0.5
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	1.5
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	3.5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	3.5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.74		22.5	0
10	QPSK	1	25		21.58			
10	QPSK	1	49		21.45			
10	QPSK	25	0		21.71		22.5	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.51			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.66		22.5	0
10	16QAM	1	25		21.62			
10	16QAM	1	49		21.68			
10	16QAM	25	0		20.65		22	0.5
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	0.5
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	1.5
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	3.5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	3.5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.62	21.62	21.61	22.5	0
5	QPSK	1	12	21.38	21.50	21.42		
5	QPSK	1	24	21.31	21.33	21.18		
5	QPSK	12	0	21.47	21.59	21.52	22.5	0
5	QPSK	12	7	21.30	21.41	21.31		
5	QPSK	12	13	21.29	21.41	21.29		
5	QPSK	25	0	21.44	21.61	21.45		
5	16QAM	1	0	21.46	21.59	21.38	22.5	0
5	16QAM	1	12	21.45	21.51	21.37		
5	16QAM	1	24	21.52	21.62	21.55		
5	16QAM	12	0	20.57	20.49	20.53	22	0.5
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.40	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	0.5
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	1.5
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	3.5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	3.5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

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BW [MHz]	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	16.66	16.81	16.80	17.5	0
20	QPSK	1	49	16.62	16.72	16.55		
20	QPSK	1	99	16.70	16.53	16.53		
20	QPSK	50	0	16.64	16.79	16.58	17.5	0
20	QPSK	50	24	16.67	16.51	16.63		
20	QPSK	50	50	16.70	16.66	16.67		
20	QPSK	100	0	16.66	16.76	16.55		
20	16QAM	1	0	16.68	16.64	16.61	17.5	0
20	16QAM	1	49	16.71	16.64	16.73		
20	16QAM	1	99	16.49	16.63	16.62		
20	16QAM	50	0	16.70	16.64	16.70	17.5	0
20	16QAM	50	24	16.59	16.64	16.61		
20	16QAM	50	50	16.67	16.53	16.71		
20	16QAM	100	0	16.55	16.61	16.72		
20	64QAM	1	0	16.59	16.65	16.58	17.5	0
20	64QAM	1	49	16.54	16.65	16.64		
20	64QAM	1	99	16.70	16.60	16.73		
20	64QAM	50	0	16.55	16.60	16.68	17.5	0
20	64QAM	50	24	16.67	16.44	16.72		
20	64QAM	50	50	16.46	16.63	16.63		
20	64QAM	100	0	16.71	16.12	16.44	17.5	0
20	256QAM	1	0	16.42	16.47	16.38		
20	256QAM	1	49	16.35	16.46	16.41		
20	256QAM	1	99	16.54	16.46	16.43		
20	256QAM	50	0	16.37	16.60	16.44	17.5	0
20	256QAM	50	24	16.52	16.35	16.51		
20	256QAM	50	50	16.32	16.32	16.36		
20	256QAM	100	0	16.53	16.63	16.34	17.5	0
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.54	16.71	16.68	17.5	0
15	QPSK	1	37	16.57	16.66	16.43		
15	QPSK	1	74	16.44	16.47	16.40		
15	QPSK	36	0	16.52	16.73	16.45	17.5	0
15	QPSK	36	20	16.61	16.39	16.51		
15	QPSK	36	39	16.59	16.55	16.58		
15	QPSK	75	0	16.54	16.65	16.49	17.5	0
15	16QAM	1	0	16.57	16.53	16.52		
15	16QAM	1	37	16.62	16.51	16.61		
15	16QAM	1	74	16.38	16.56	16.52		
15	16QAM	36	0	16.58	16.58	16.58	17.5	0
15	16QAM	36	20	16.45	16.50	16.54		
15	16QAM	36	39	16.58	16.48	16.65		
15	16QAM	75	0	16.48	16.50	16.59		
15	64QAM	1	0	16.50	16.58	16.53	17.5	0
15	64QAM	1	37	16.40	16.53	16.56		
15	64QAM	1	74	16.59	16.53	16.63		
15	64QAM	36	0	16.43	16.53	16.60	17.5	0
15	64QAM	36	20	16.38	16.54	16.66		
15	64QAM	36	39	16.38	16.54	16.55		
15	64QAM	75	0	16.63	16.06	16.31	17.5	0
15	256QAM	1	0	16.27	16.37	16.29		
15	256QAM	1	37	16.28	16.32	16.32		
15	256QAM	1	74	16.48	16.37	16.36		
15	256QAM	36	0	16.28	16.51	16.39	17.5	0
15	256QAM	36	20	16.38	16.28	16.40		
15	256QAM	36	39	16.23	16.28	16.23		
15	256QAM	75	0	16.45	16.48	16.23	17.5	0
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.59	16.70	16.70	17.5	0
10	QPSK	1	25	16.51	16.63	16.46		
10	QPSK	1	49	16.49	16.46	16.46		
10	QPSK	25	0	16.51	16.67	16.45	17.5	0
10	QPSK	25	12	16.57	16.38	16.50		
10	QPSK	25	25	16.56	16.59	16.59		
10	QPSK	50	0	16.56	16.71	16.41		
10	16QAM	1	0	16.58	16.57	16.50	17.5	0
10	16QAM	1	25	16.60	16.53	16.58		
10	16QAM	1	49	16.37	16.53	16.56		
10	16QAM	25	0	16.58	16.49	16.58	17.5	0
10	16QAM	25	12	16.54	16.56	16.55		
10	16QAM	25	25	16.57	16.43	16.60		
10	16QAM	50	0	16.45	16.48	16.63		
10	64QAM	1	0	16.54	16.53	16.46	17.5	0
10	64QAM	1	25	16.44	16.59	16.56		
10	64QAM	1	49	16.56	16.46	16.63		
10	64QAM	25	0	16.41	16.50	16.59	17.5	0
10	64QAM	25	12	16.61	16.36	16.59		
10	64QAM	25	25	16.35	16.58	16.52		
10	64QAM	50	0	16.57	16.05	16.36	17.5	0
10	256QAM	1	0	16.29	16.35	16.28		
10	256QAM	1	25	16.20	16.36	16.27		
10	256QAM	1	49	16.46	16.35	16.31		
10	256QAM	25	0	16.25	16.53	16.31	17.5	0
10	256QAM	25	12	16.40	16.29	16.39		
10	256QAM	25	25	16.26	16.19	16.29		
10	256QAM	50	0	16.38	16.55	16.27	17.5	0
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.60	16.75	16.66	17.5	0
5	QPSK	1	12	16.55	16.57	16.48		
5	QPSK	1	24	16.50	16.45	16.45		
5	QPSK	12	0	16.55	16.68	16.48	17.5	0
5	QPSK	12	7	16.55	16.42	16.48		
5	QPSK	12	13	16.62	16.55	16.62		
5	QPSK	25	0	16.54	16.71	16.43	17.5	0
5	16QAM	1	0	16.63	16.52	16.48		
5	16QAM	1	12	16.66	16.53	16.67		
5	16QAM	1	24	16.35	16.51	16.51		
5	16QAM	12	0	16.57	16.58	16.59	17.5	0
5	16QAM	12	7	16.46	16.56	16.48		
5	16QAM	12	13	16.61	16.45	16.57		
5	16QAM	25	0	16.49	16.47	16.66	17.5	0
5	64QAM	1	0	16.48	16.53	16.45		
5	64QAM	1	12	16.41	16.57	16.59		
5	64QAM	1	24	16.58	16.47	16.65		
5	64QAM	12	0	16.48	16.53	16.57	17.5	0
5	64QAM	12	7	16.57	16.31	16.60		
5	64QAM	12	13	16.35	16.55	16.50		
5	64QAM	25	0	16.58	16.06	16.32	17.5	0
5	256QAM	1	0	16.31	16.38	16.33		
5	256QAM	1	12	16.29	16.34	16.34		
5	256QAM	1	24	16.41	16.34	16.28		
5	256QAM	12	0	16.28	16.54	16.37	17.5	0
5	256QAM	12	7	16.40	16.29	16.43		
5	256QAM	12	13	16.20	16.25	16.30		
5	256QAM	25	0	16.47	16.54	16.23	17.5	0
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.58	16.74	16.75	17.5	0
3	QPSK	1	8	16.54	16.66	16.47		
3	QPSK	1	14	16.48	16.43	16.47		
3	QPSK	8	0	16.52	16.67	16.49	17.5	0
3	QPSK	8	4	16.53	16.36	16.52		
3	QPSK	8	7	16.55	16.52	16.61		
3	QPSK	15	0	16.60	16.65	16.46	17.5	0
3	16QAM	1	0	16.62	16.56	16.48		
3	16QAM	1	8	16.63	16.58	16.65		
3	16QAM	1	14	16.34	16.49	16.56		
3	16QAM	8	0	16.60	16.54	16.59	17.5	0
3	16QAM	8	4	16.52	16.55	16.55		
3	16QAM	8	7	16.60	16.44	16.64		
3	16QAM	15	0	16.46	16.47	16.62	17.5	0
3	64QAM	1	0	16.53	16.58	16.44		
3	64QAM	1	8	16.45	16.54	16.58		
3	64QAM	1	14	16.62	16.54	16.65		
3	64QAM	8	0	16.44	16.53	16.62	17.5	0
3	64QAM	8	4	16.56	16.31	16.64		
3	64QAM	8	7	16.33	16.50	16.56		
3	64QAM	15	0	16.62	15.98	16.34	17.5	0
3	256QAM	1	0	16.33	16.39	16.26		
3	256QAM	1	8	16.25	16.35	16.35		
3	256QAM	1	14	16.44	16.37	16.32		
3	256QAM	8	0	16.29	16.49	16.36	17.5	0
3	256QAM	8	4	16.40	16.27	16.42		
3	256QAM	8	7	16.21	16.24	16.28		
3	256QAM	15	0	16.46	16.52	16.23	17.5	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.59	16.73	16.68	17.5	0
1.4	QPSK	1	3	16.54	16.64	16.43		
1.4	QPSK	1	5	16.45	16.47	16.45		
1.4	QPSK	3	0	16.54	16.72	16.45		
1.4	QPSK	3	1	16.53	16.40	16.51		
1.4	QPSK	3	3	16.58	16.59	16.58		
1.4	QPSK	6	0	16.56	16.71	16.42	17.5	0
1.4	16QAM	1	0	16.54	16.59	16.54	17.5	0
1.4	16QAM	1	3	16.61	16.52	16.63		
1.4	16QAM	1	5	16.35	16.54	16.52		
1.4	16QAM	3	0	16.64	16.54	16.62		
1.4	16QAM	3	1	16.45	16.55	16.53		
1.4	16QAM	3	3	16.61	16.39	16.65		
1.4	16QAM	6	0	16.49	16.52	16.65	17.5	0
1.4	64QAM	1	0	16.49	16.54	16.49	17.5	0
1.4	64QAM	1	3	16.49	16.54	16.51		
1.4	64QAM	1	5	16.63	16.54	16.58		
1.4	64QAM	3	0	16.46	16.52	16.58		
1.4	64QAM	3	1	16.54	16.38	16.62		
1.4	64QAM	3	3	16.38	16.49	16.57		
1.4	64QAM	6	0	16.61	16.02	16.37	17.5	0
1.4	256QAM	1	0	16.36	16.41	16.25	17.5	0
1.4	256QAM	1	3	16.21	16.40	16.30		
1.4	256QAM	1	5	16.40	16.40	16.36		
1.4	256QAM	3	0	16.25	16.51	16.35		
1.4	256QAM	3	1	16.41	16.21	16.37		
1.4	256QAM	3	3	16.21	16.20	16.27		
1.4	256QAM	6	0	16.47	16.51	16.26	17.5	0

Band 66 Ant 4 DSI2 sig path:354

BW [MHz]	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	16.47	16.58	16.50	17.5	0
20	QPSK	1	49	16.40	16.32	16.50		
20	QPSK	1	99	16.53	16.39	16.29		
20	QPSK	50	0	16.52	16.57	16.37	17.5	0
20	QPSK	50	24	16.40	16.29	16.37		
20	QPSK	50	50	16.43	16.29	16.27		
20	QPSK	100	0	16.34	16.47	16.30		
20	16QAM	1	0	16.37	16.28	16.39	17.5	0
20	16QAM	1	49	16.32	16.28	16.42		
20	16QAM	1	99	16.35	16.42	16.30		
20	16QAM	50	0	16.44	16.36	16.30	17.5	0
20	16QAM	50	24	16.21	16.43	16.35		
20	16QAM	50	50	16.35	16.40	16.26		
20	16QAM	100	0	16.39	16.35	16.38	17.5	0
20	64QAM	1	0	16.40	16.39	16.39		
20	64QAM	1	49	16.28	16.15	16.29		
20	64QAM	1	99	16.43	16.43	16.46		
20	64QAM	50	0	16.34	16.27	16.35	17.5	0
20	64QAM	50	24	16.39	16.25	16.49		
20	64QAM	50	50	16.26	16.47	16.32		
20	64QAM	100	0	16.30	16.30	16.44	17.5	0
20	256QAM	1	0	16.31	16.19	16.17		
20	256QAM	1	49	16.09	16.11	16.16		
20	256QAM	1	99	16.21	16.26	16.28		
20	256QAM	50	0	16.22	16.11	16.33	17.5	0
20	256QAM	50	24	16.22	16.30	16.42		
20	256QAM	50	50	16.16	16.30	16.30		
20	256QAM	100	0	16.25	16.19	16.37	17.5	0
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.39	16.48	16.41	17.5	0
15	QPSK	1	37	16.37	16.43	16.43		
15	QPSK	1	74	16.25	16.34	16.21		
15	QPSK	36	0	16.45	16.51	16.32	17.5	0
15	QPSK	36	20	16.33	16.24	16.28		
15	QPSK	36	39	16.28	16.22	16.22		
15	QPSK	75	0	16.22	16.36	16.23	17.5	0
15	16QAM	1	0	16.27	16.15	16.29		
15	16QAM	1	37	16.24	16.13	16.33		
15	16QAM	1	74	16.26	16.23	16.23		
15	16QAM	36	0	16.36	16.29	16.25	17.5	0
15	16QAM	36	20	16.12	16.36	16.20		
15	16QAM	36	39	16.25	16.31	16.20		
15	16QAM	75	0	16.31	16.27	16.28	17.5	0
15	64QAM	1	0	16.32	16.29	16.30		
15	64QAM	1	37	16.19	16.04	16.22		
15	64QAM	1	74	16.32	16.31	16.39		
15	64QAM	36	0	16.28	16.16	16.28	17.5	0
15	64QAM	36	20	16.25	16.43	16.43		
15	64QAM	36	39	16.19	16.41	16.24		
15	64QAM	75	0	16.15	16.19	16.31	17.5	0
15	256QAM	1	0	16.24	16.06	16.10		
15	256QAM	1	37	16.09	16.11	16.11		
15	256QAM	1	74	16.13	16.14	16.21		
15	256QAM	36	0	16.08	15.99	16.23	17.5	0
15	256QAM	36	20	16.12	16.16	16.28		
15	256QAM	36	39	16.13	16.14	16.17		
15	256QAM	75	0	16.16	16.14	16.28	17.5	0
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.37	16.46	16.41	17.5	0
10	QPSK	1	25	16.30	16.22	16.43		
10	QPSK	1	49	16.26	16.29	16.17		
10	QPSK	25	0	16.39	16.51	16.22	17.5	0
10	QPSK	25	12	16.27	16.18	16.24		
10	QPSK	25	25	16.30	16.17	16.17		
10	QPSK	50	0	16.23	16.32	16.23		
10	16QAM	1	0	16.26	16.21	16.26	17.5	0
10	16QAM	1	25	16.26	16.22	16.27		
10	16QAM	1	49	16.25	16.32	16.23		
10	16QAM	25	0	16.34	16.27	16.17	17.5	0
10	16QAM	25	12	16.14	16.35	16.25		
10	16QAM	25	25	16.28	16.27	16.16		
10	16QAM	50	0	16.27	16.27	16.29		
10	64QAM	1	0	16.26	16.32	16.24	17.5	0
10	64QAM	1	25	16.21	16.02	16.14		
10	64QAM	1	49	16.35	16.37	16.32		
10	64QAM	25	0	16.20	16.16	16.23	17.5	0
10	64QAM	25	12	16.25	16.13	16.44		
10	64QAM	25	25	16.16	16.36	16.20		
10	64QAM	50	0	16.17	16.16	16.32	17.5

Reduced Power Mode for Main PA DSI3 Standalone

GSM850 Ant 0 DSI3

GSM850 Ant 0	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	30.07	30.30	30.19	31.00	21.07	21.30	21.19	22.00
GPRS 1 Tx slot	30.05	30.27	30.18	31.00	21.05	21.27	21.18	22.00
GPRS 2 Tx slots	27.93	28.20	27.88	29.50	21.93	22.20	21.88	23.50
GPRS 3 Tx slots	25.91	26.16	25.87	27.50	21.65	21.90	21.61	23.24
GPRS 4 Tx slots	24.26	24.54	24.06	25.50	21.26	21.54	21.06	22.50
EDGE 1 Tx slot	26.62	26.45	26.66	28.00	17.62	17.45	17.66	19.00
EDGE 2 Tx slots	24.65	24.65	24.55	26.00	18.65	18.65	18.55	20.00
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74
EDGE 4 Tx slots	20.55	20.87	20.56	22.00	17.55	17.67	17.56	19.00

GSM1900 Ant 0 DSI3

GSM1900 Ant 0	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	24.82	24.96	25.03	26.50	15.82	15.96	16.03	17.50
GPRS 1 Tx slot	24.81	24.94	25.01	26.50	15.81	15.94	16.01	17.50
GPRS 2 Tx slots	23.29	23.44	23.31	24.50	17.29	17.44	17.31	18.50
GPRS 3 Tx slots	21.38	21.78	21.41	22.50	17.12	17.52	17.15	18.24
GPRS 4 Tx slots	19.53	19.45	19.42	20.50	16.53	16.45	16.42	17.50
EDGE 1 Tx slot	21.35	21.76	21.62	22.50	12.35	12.76	12.62	13.50
EDGE 2 Tx slots	19.21	19.71	19.42	20.50	13.21	13.71	13.42	14.50
EDGE 3 Tx slots	17.42	17.67	17.54	18.50	13.16	13.41	13.28	14.24
EDGE 4 Tx slots	15.43	15.72	15.59	16.50	12.43	12.72	12.59	13.50

		WCDMA II Ant 0 DSI3				WCDMA IV Ant 0 DSI3				WCDMA V Ant 0 DSI3			
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.00	16.02	15.99	17.00	18.10	18.15	18.03	19.50	21.65	21.72	21.69	22.50
3GPP Rel 99	RMC 12.2Kbps	16.01	16.03	16.00	17.00	18.12	18.18	18.05	19.50	21.70	21.76	21.72	22.50
3GPP Rel 6	HSDPA Subtest-1	14.97	15.09	15.08	16.00	17.07	17.11	17.07	18.50	20.59	20.76	20.83	21.50
3GPP Rel 6	HSDPA Subtest-2	15.00	15.14	15.13	16.00	16.97	17.18	17.00	18.50	20.61	20.76	20.81	21.50
3GPP Rel 6	HSDPA Subtest-3	14.55	14.70	14.53	15.50	16.49	16.55	16.47	18.00	20.09	20.14	20.09	21.00
3GPP Rel 6	HSDPA Subtest-4	14.46	14.68	14.58	15.50	16.57	16.52	16.53	18.00	20.21	20.26	20.11	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.04	15.10	15.07	16.00	17.04	17.13	16.97	18.50	20.63	20.68	20.59	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	14.87	15.00	14.94	16.00	16.91	17.14	16.83	18.50	20.54	20.74	20.48	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.44	14.56	14.52	15.50	16.46	16.70	16.46	18.00	20.11	20.33	20.21	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.50	14.53	14.61	15.50	16.62	16.43	16.59	18.00	20.16	20.07	20.02	21.00
3GPP Rel 6	HSUPA Subtest-1	15.09	15.15	15.02	16.00	17.03	17.04	17.04	18.50	20.48	20.65	20.67	21.50
3GPP Rel 6	HSUPA Subtest-2	12.97	12.99	13.00	14.00	15.05	15.09	15.10	16.50	18.46	18.62	18.32	19.50
3GPP Rel 6	HSUPA Subtest-3	13.99	14.18	13.96	15.00	16.09	16.13	16.02	17.50	19.73	19.69	19.59	20.50
3GPP Rel 6	HSUPA Subtest-4	12.95	13.09	12.99	14.00	15.07	15.12	15.14	16.50	18.72	18.83	18.68	19.50
3GPP Rel 6	HSUPA Subtest-5	14.02	14.07	14.01	16.00	17.05	17.06	16.87	18.50	20.58	20.69	20.67	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.50	12.57	12.43	13.50	14.49	14.56	14.30	16.00	18.11	18.17	17.97	19.00

Band 2 Ant 0 DSI3

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	16.53	16.62	16.59		
20	QPSK	1	49	16.56	16.56	16.56	18	0
20	QPSK	1	99	16.48	16.50	16.52		
20	QPSK	50	0	16.55	16.60	16.49		
20	QPSK	50	24	16.39	16.41	16.41	18	0
20	QPSK	50	50	16.56	16.52	16.42		
20	QPSK	100	0	16.15	16.58	16.54		
20	16QAM	1	0	16.49	16.49	16.51		
20	16QAM	1	49	16.47	16.42	16.43	18	0
20	16QAM	1	99	16.42	16.54	16.41		
20	16QAM	50	0	16.55	16.50	16.46		
20	16QAM	50	24	16.45	16.55	16.59	18	0
20	16QAM	50	50	16.49	16.60	16.45		
20	16QAM	100	0	16.54	16.55	16.60		
20	64QAM	1	0	16.54	16.53	16.55		
20	64QAM	1	49	16.40	16.45	16.48	18	0
20	64QAM	1	99	16.54	16.59	16.59		
20	64QAM	50	0	16.46	16.47	16.37		
20	64QAM	50	24	16.49	16.37	16.57	18	0
20	64QAM	50	50	16.41	16.55	16.44		
20	64QAM	100	0	16.50	16.48	16.51		
20	256QAM	1	0	16.46	16.52	16.36		
20	256QAM	1	49	16.42	16.48	16.58	18	0
20	256QAM	1	99	16.46	16.49	16.51		
20	256QAM	50	0	16.44	16.37	16.43		
20	256QAM	50	24	16.42	16.54	16.46	18	0
20	256QAM	50	50	16.45	16.56	16.59		
20	256QAM	100	0	16.42	16.58	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.41	16.47	16.52		
15	QPSK	1	37	16.47	16.47	16.42	18	0
15	QPSK	1	74	16.41	16.41	16.46		
15	QPSK	36	0	16.46	16.49	16.40		
15	QPSK	36	20	16.28	16.29	16.29	18	0
15	QPSK	36	39	16.45	16.47	16.28		
15	QPSK	75	0	16.02	16.42	16.40		
15	16QAM	1	0	16.35	16.35	16.41		
15	16QAM	1	37	16.39	16.33	16.29	18	0
15	16QAM	1	74	16.30	16.47	16.32		
15	16QAM	36	0	16.42	16.39	16.34		
15	16QAM	36	20	16.34	16.42	16.52	18	0
15	16QAM	36	39	16.35	16.45	16.31		
15	16QAM	75	0	16.43	16.44	16.53		
15	64QAM	1	0	16.49	16.43	16.43		
15	64QAM	1	37	16.27	16.40	16.38	18	0
15	64QAM	1	74	16.47	16.55	16.49		
15	64QAM	36	0	16.34	16.43	16.22		
15	64QAM	36	20	16.35	16.25	16.51	18	0
15	64QAM	36	39	16.28	16.43	16.38		
15	64QAM	75	0	16.43	16.43	16.38		
15	256QAM	1	0	16.34	16.38	16.25		
15	256QAM	1	37	16.27	16.43	16.49	18	0
15	256QAM	1	74	16.31	16.34	16.42		
15	256QAM	36	0	16.29	16.22	16.33		
15	256QAM	36	20	16.29	16.46	16.33	18	0
15	256QAM	36	39	16.34	16.51	16.52		
15	256QAM	75	0	16.31	16.47	16.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.38	16.50	16.46		
10	QPSK	1	25	16.50	16.44	16.51	18	0
10	QPSK	1	49	16.38	16.44	16.42		
10	QPSK	25	0	16.43	16.44	16.35		
10	QPSK	25	12	16.30	16.31	16.26	18	0
10	QPSK	25	25	16.45	16.38	16.31		
10	QPSK	50	0	16.00	16.45	16.46		
10	16QAM	1	0	16.41	16.35	16.43		
10	16QAM	1	25	16.43	16.33	16.34	18	0
10	16QAM	1	49	16.36	16.39	16.33		
10	16QAM	25	0	16.44	16.44	16.36		
10	16QAM	25	12	16.40	16.50	16.45	18	0
10	16QAM	25	25	16.43	16.48	16.32		
10	16QAM	50	0	16.40	16.47	16.53		
10	64QAM	1	0	16.40	16.39	16.43		
10	64QAM	1	25	16.28	16.38	16.43	18	0
10	64QAM	1	49	16.44	16.46	16.52		
10	64QAM	25	0	16.31	16.41	16.31		
10	64QAM	25	12	16.39	16.25	16.46	18	0
10	64QAM	25	25	16.28	16.48	16.31		
10	64QAM	50	0	16.37	16.43	16.44		
10	256QAM	1	0	16.41	16.37	16.32		
10	256QAM	1	25	16.34	16.34	16.44	18	0
10	256QAM	1	49	16.39	16.44	16.43		
10	256QAM	25	0	16.35	16.23	16.35		
10	256QAM	25	12	16.31	16.42	16.34	18	0
10	256QAM	25	25	16.34	16.50	16.47		
10	256QAM	50	0	16.33	16.48	16.43		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.44	16.46	16.47		
5	QPSK	1	12	16.41	16.51	16.45	18	0
5	QPSK	1	24	16.34	16.39	16.37		
5	QPSK	12	0	16.46	16.53	16.42		
5	QPSK	12	7	16.27	16.35	16.31	18	0
5	QPSK	12	13	16.45	16.47	16.29		
5	QPSK	25	0	16.04	16.47	16.43		
5	16QAM	1	0	16.36	16.41	16.42		
5	16QAM	1	12	16.38	16.37	16.32	18	0
5	16QAM	1	24	16.38	16.43	16.26		
5	16QAM	12	0	16.49	16.41	16.37		
5	16QAM	12	7	16.37	16.45	16.52	18	0
5	16QAM	12	13	16.37	16.52	16.36		
5	16QAM	25	0	16.47	16.45	16.44		
5	64QAM	1	0	16.47	16.42	16.42		
5	64QAM	1	12	16.30	16.40	16.43	18	0
5	64QAM	1	24	16.40	16.53	16.53		
5	64QAM	12	0	16.37	16.33	16.24		
5	64QAM	12	7	16.36	16.25	16.43	18	0
5	64QAM	12	13	16.36	16.43	16.35		
5	64QAM	25	0	16.36	16.41	16.39		
5	256QAM	1	0	16.39	16.47	16.24		
5	256QAM	1	12	16.31	16.37	16.44	18	0
5	256QAM	1	24	16.42	16.39	16.36		
5	256QAM	12	0	16.33	16.29	16.31		
5	256QAM	12	7	16.27	16.40	16.36	18	0
5	256QAM	12	13	16.34	16.41	16.51		
5	256QAM	25	0	16.31	16.48	16.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.37	16.56	16.46		
3	QPSK	1	8	16.42	16.44	16.40	18	0
3	QPSK	1	14	16.32	16.40	16.37		
3	QPSK	8	0	16.40	16.46	16.43		
3	QPSK	8	4	16.26	16.29	16.29	18	0
3	QPSK	8	7	16.44	16.40	16.30		
3	QPSK	15	0	16.06	16.44	16.41		
3	16QAM	1	0	16.44	16.45	16.45		
3	16QAM	1	8	16.42	16.30	16.35	18	0
3	16QAM	1	14	16.37	16.40	16.26		
3	16QAM	8	0	16.39	16.40	16.34		
3	16QAM	8	4	16.35	16.43	16.53	18	0
3	16QAM	8	7	16.42	16.47	16.33		
3	16QAM	15	0	16.38	16.51	16.52		
3	64QAM	1	0	16.39	16.45	16.39		
3	64QAM	1	8	16.36	16.37	16.42	18	0
3	64QAM	1	14	16.47	16.45	16.45		
3	64QAM	8	0	16.34	16.33	16.25		
3	64QAM	8	4	16.44	16.22	16.49	18	0
3	64QAM	8	7	16.29	16.50	16.29		
3	64QAM	15	0	16.45	16.36	16.45		
3	256QAM	1	0	16.30	16.39	16.28		
3	256QAM	1	8	16.28	16.40	16.49	18	0
3	256QAM	1	14	16.39	16.33	16.44		
3	256QAM	8	0	16.40	16.25	16.35		
3	256QAM	8	4	16.33	16.41	16.38	18	0
3	256QAM	8	7	16.36	16.48	16.47		
3	256QAM	15	0	16.28	16.48	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.49	16.47	16.48		
1.4	QPSK	1	3	16.43	16.40	16.49		
1.4	QPSK	1	5	16.42	16.37	16.40	18	0
1.4	QPSK	3	0	16.47	16.48	16.43		
1.4	QPSK	3	1	16.33	16.31	16.33		
1.4	QPSK	3	3	16.45	16.44	16.36		
1.4	QPSK	6	0	16.03	16.48	16.45	18	0
1.4	16QAM	1	0	16.33	16.40	16.42		
1.4	16QAM	1	3	16.38	16.29	16.33		
1.4	16QAM	1	5	16.28	16.43	16.33	18	0
1.4	16QAM	3	0	16.43	16.36	16.34		
1.4	16QAM	3	1	16.31	16.42	16.53		
1.4	16QAM	3	3	16.34	16.53	16.31		
1.4	16QAM	6	0	16.38	16.49	16.45	18	0
1.4	64QAM	1	0	16.46	16.45	16.49		
1.4	64QAM	1	3	16.30	16.36	16.41		
1.4	64QAM	1	5	16.48	16.55	16.44	18	0
1.4	64QAM	3	0	16.42	16.37	16.25		
1.4	64QAM	3	1	16.34	16.27	16.52		
1.4	64QAM	3	3	16.36	16.49	16.31		
1.4	64QAM	6	0	16.42	16.43	16.43	18	0
1.4	256QAM	1	0	16.35	16.38	16.27		
1.4	256QAM	1	3	16.28	16.42	16.44		
1.4	256QAM	1	5	16.39	16.39	16.36	18	0
1.4	256QAM	3	0	16.39	16.25	16.35		
1.4	256QAM	3	1	16.35	16.41	16.33		
1.4	256QAM	3	3	16.36	16.44	16.53		
1.4	256QAM	6	0	16.33	16.45	16.37	18	0

Band 2 Ant 0 DSI3 sig path:347

BW [MHz]	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	17.39	17.41	17.33		
20	QPSK	1	49	17.34	17.35	17.27	18	0
20	QPSK	1	99	17.23	17.20	17.29		
20	QPSK	50	0	17.30	17.40	17.24		
20	QPSK	50	24	17.22	17.30	17.17	18	0
20	QPSK	50	50	17.27	17.26	17.21		
20	QPSK	100	0	17.20	17.38	17.33		
20	16QAM	1	0	17.26	17.21	17.26		
20	16QAM	1	49	17.21	17.27	17.26	18	0
20	16QAM	1	99	17.25	17.35	17.29		
20	16QAM	50	0	17.27	17.29	17.22		
20	16QAM	50	24	17.15	17.24	17.29	18	0
20	16QAM	50	50	17.21	17.29	17.22		
20	16QAM	100	0	17.29	17.26	17.35		
20	64QAM	1	0	17.23	17.33	17.25		
20	64QAM	1	49	17.24	17.26	17.21	18	0
20	64QAM	1	99	17.34	17.34	17.36		
20	64QAM	50	0	17.17	17.25	17.17		
20	64QAM	50	24	17.26	17.19	17.32	18	0
20	64QAM	50	50	17.22	17.25	17.29		
20	64QAM	100	0	17.23	17.22	17.24		
20	256QAM	1	0	17.21	17.24	17.22		
20	256QAM	1	49	17.24	17.27	17.37	18	0
20	256QAM	1	99	17.20	17.24	17.32		
20	256QAM	50	0	17.30	17.22	17.25		
20	256QAM	50	24	17.29	17.31	17.23	18	0
20	256QAM	50	50	17.21	17.26	17.36		
20	256QAM	100	0	17.27	17.34	17.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.28	17.32	17.15		
15	QPSK	1	37	17.31	17.27	17.16	18	0
15	QPSK	1	74	17.23	17.17	17.29		
15	QPSK	36	0	17.27	17.35	17.06		
15	QPSK	36	20	17.15	17.13	17.07	18	0
15	QPSK	36	39	17.23	17.19	17.15		
15	QPSK	75	0	17.02	17.34	17.29		
15	16QAM	1	0	17.20	17.19	17.10		
15	16QAM	1	37	17.14	17.11	17.22	18	0
15	16QAM	1	74	17.06	17.16	17.11		
15	16QAM	36	0	17.15	17.29	17.05		
15	16QAM	36	20	17.31	17.12	17.18	18	0
15	16QAM	36	39	17.11	17.12	17.22		
15	16QAM	75	0	17.11	17.10	17.32		
15	64QAM	1	0	17.21	17.18	17.23		
15	64QAM	1	37	17.14	17.16	17.03	18	0
15	64QAM	1	74	17.27	17.31	17.34		
15	64QAM	36	0	17.31	17.19	17.17		
15	64QAM	36	20	17.18	17.02	17.29	18	0
15	64QAM	36	39	17.21	17.17	17.10		
15	64QAM	75	0	17.04	17.21	17.20		
15	256QAM	1	0	17.04	17.12	17.21		
15	256QAM	1	37	17.14	17.22	17.18	18	0
15	256QAM	1	74	17.08	17.04	17.28		
15	256QAM	36	0	17.20	17.05	17.05		
15	256QAM	36	20	17.21	17.15	17.13	18	0
15	256QAM	36	39	17.08	17.18	17.20		
15	256QAM	75	0	17.08	17.24	17.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.24	17.26	17.15		
10	QPSK	1	25	17.21	17.35	17.15	18	0
10	QPSK	1	49	17.15	17.16	17.28		
10	QPSK	25	0	17.11	17.29	17.31		
10	QPSK	25	12	17.13	17.26	17.31	18	0
10	QPSK	25	25	17.21	17.08	17.14		
10	QPSK	50	0	17.07	17.26	17.14		
10	16QAM	1	0	17.17	17.02	17.24		
10	16QAM	1	25	17.04	17.19	17.10	18	0
10	16QAM	1	49	17.21	17.27	17.26		
10	16QAM	25	0	17.13	17.24	17.07		
10	16QAM	25	12	17.08	17.14	17.15	18	0
10	16QAM	25	25	17.18	17.20	17.12		
10	16QAM	50	0	17.24	17.07	17.20		
10	64QAM	1	0	17.21	17.22	17.13		
10	64QAM	1	25	17.23	17.09	17.13	18	0
10	64QAM	1	49	17.27	17.17	17.19		
10	64QAM	25	0	17.00	17.13	17.08		
10	64QAM	25	12	17.26	17.08	17.19	18	0
10	64QAM	25	25	17.14	17.11	17.28		
10	64QAM	50	0	17.03	17.20	17.20		
10	256QAM	1	0	17.20	17.18	17.17		
10	256QAM	1	25	17.13	17.12	17.19	18	0
10	256QAM	1	49	17.12	17.12	17.26		
10	256QAM	25	0	17.25	17.10	17.07		
10	256QAM	25	12	17.22	17.20	17.22	18	0
10	256QAM	25	25	17.16	17.12	17.35		
10	256QAM	50	0	17.20	17.25	17.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.32	17.21	17.17		
5	QPSK	1	12	17.17	17.24	17.11	18	0
5	QPSK	1	24	17.06	17.11	17.10		
5	QPSK	12	0	17.20	17.37	17.05		
5	QPSK	12	7	17.02	17.28	17.13	18	0
5	QPSK	12	13	17.09	17.07	17.14		
5	QPSK	25	0	17.17	17.36	17.21		
5	16QAM	1	0	17.08	17.20	17.19		
5	16QAM	1	12	17.15	17.15	17.07	18	0
5	16QAM	1	24	17.22	17.19	17.22		
5	16QAM	12	0	17.20	17.26	17.11		
5	16QAM	12	7	17.07	17.22	17.27	18	0
5	16QAM	12	13	17.19	17.22	17.03		
5	16QAM	25	0	17.26	17.08	17.30		
5	64QAM	1	0	17.12	17.16	17.05		
5	64QAM	1	12	17.19	17.15	17.16	18	0
5	64QAM	1	24	17.29	17.32	17.28		
5	64QAM	12	0	17.00	17.12	17.02		
5	64QAM	12	7	17.16	17.01	17.23	18	0
5	64QAM	12	13	17.05	17.07	17.25		
5	64QAM	25	0	17.18	17.09	17.19		
5	256QAM	1	0	17.18	17.04	17.12		
5	256QAM	1	12	17.08	17.23	17.20	18	0
5	256QAM	1	24	17.09	17.10	17.32		
5	256QAM	12	0	17.20	17.13	17.13		
5	256QAM	12	7	17.19	17.12	17.11	18	0
5	256QAM	12	13	17.16	17.10	17.29		
5	256QAM	25	0	17.13	17.21	17.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.20	17.30	17.28		
3	QPSK	1	8	17.29	17.17	17.24	18	0
3	QPSK	1	14	17.09	17.06	17.13		
3	QPSK	8	0	17.21	17.29	17.17		
3	QPSK	8	4	17.05	17.28	17.11	18	0
3	QPSK	8	7	17.14	17.14	17.06		
3	QPSK	15	0	17.01	17.23	17.25		
3	16QAM	1	0	17.15	17.13	17.16		
3	16QAM	1	8	17.07	17.24	17.13	18	0
3	16QAM	1	14	17.17	17.31	17.16		
3	16QAM	8	0	17.10	17.16	17.09		
3	16QAM	8	4	17.02	17.17	17.15	18	0
3	16QAM	8	7	17.14	17.20	17.17		
3	16QAM	15	0	17.27	17.11	17.15		
3	64QAM	1	0	17.21	17.24	17.16		
3	64QAM	1	8	17.12	17.22	17.17	18	0
3	64QAM	1	14	17.31	17.15	17.27		
3	64QAM	8	0	17.09	17.16	17.12		
3	64QAM	8	4	17.16	17.07	17.22	18	0
3	64QAM	8	7	17.04	17.23	17.10		
3	64QAM	15	0	17.11	17.07	17.12		
3	256QAM	1	0	17.11	17.22	17.08		
3	256QAM	1	8	17.16	17.22	17.29	18	0
3	256QAM	1	14	17.15	17.23	17.16		
3	256QAM	8	0	17.13	17.18	17.18		
3	256QAM	8	4	17.10	17.30	17.06	18	0
3	256QAM	8	7	17.05	17.12	17.21		
3	256QAM	15	0	17.15	17.20	17.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.31	17.38	17.32		
1.4	QPSK	1	3	17.30	17.33	17.26		
1.4	QPSK	1	5	17.16	17.17	17.20	18	0
1.4	QPSK	3	0	17.21	17.20	17.13		
1.4	QPSK	3	1	17.13	17.25	17.09		
1.4	QPSK	3	3	17.07	17.06	17.03		
1.4	QPSK	6	0	17.15	17.21	17.26	18	0
1.4	16QAM	1	0	17.22	17.09	17.24		
1.4	16QAM	1	3	17.11	17.20	17.14		
1.4	16QAM	1	5	17.07	17.33	17.28	18	0
1.4	16QAM	3	0	17.08	17.17	17.12		
1.4	16QAM	3	1	17.10	17.18	17.20		
1.4	16QAM	3	3	17.14	17.21	17.21		
1.4	16QAM	6	0	17.25	17.11	17.30	18	0
1.4	64QAM	1	0	17.09	17.23	17.16		
1.4	64QAM	1	3	17.20	17.23	17.07		
1.4	64QAM	1	5	17.16	17.32	17.26	18	0
1.4	64QAM	3	0	17.17	17.15	17.00		
1.4	64QAM	3	1	17.08	17.03	17.30		
1.4	64QAM	3	3	17.19	17.17	17.24		
1.4	64QAM	6	0	17.15	17.03	17.20	18	0
1.4	256QAM	1	0	17.07	17.06	17.13		
1.4	256QAM	1	3	17.17	17.15	17.22		
1.4	256QAM	1	5	17.19	17.22	17.18	18	0
1.4	256QAM	3	0	17.12	17.09	17.17		
1.4	256QAM	3	1	17.23	17.14	17.15		
1.4	256QAM	3	3	17.17	17.12	17.26		
1.4	256QAM	6	0	17.23	17.15	17.19	18	0

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BW [MHz]	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	17.88	17.97	17.93		
20	QPSK	1	49	17.83	17.83	17.81	19.5	0
20	QPSK	1	99	17.82	17.86	17.73		
20	QPSK	50	0	17.89	17.94	17.83		
20	QPSK	50	24	17.78	17.87	17.71	19.5	0
20	QPSK	50	50	17.83	17.80	17.75		
20	QPSK	100	0	17.73	17.90	17.74		
20	16QAM	1	0	17.88	17.82	17.78		
20	16QAM	1	49	17.87	17.86	17.79	19.5	0
20	16QAM	1	99	17.76	17.88	17.75		
20	16QAM	50	0	17.84	17.75	17.80		
20	16QAM	50	24	17.82	17.69	17.90	19.5	0
20	16QAM	50	50	17.77	17.86	17.69		
20	16QAM	100	0	17.91	17.93	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.37	22.43	22.42		
10	QPSK	1	25	22.32	22.37	22.41	23.5	0
10	QPSK	1	49	22.35	22.24	22.19		
10	QPSK	25	0	21.68	21.76	21.66		
10	QPSK	25	12	21.68	21.67	21.62	23	0.5
10	QPSK	25	25	21.48	21.59	21.37		
10	QPSK	50	0	21.58	21.64	21.53		
10	16QAM	1	0	21.75	21.71	21.81		
10	16QAM	1	25	21.61	21.62	21.69	23	0.5
10	16QAM	1	49	21.73	21.69	21.80		
10	16QAM	25	0	20.78	20.72	20.77		
10	16QAM	25	12	20.79	20.77	20.79	22	1.5
10	16QAM	25	25	20.68	20.61	20.69		
10	16QAM	50	0	20.67	20.58	20.69		
10	64QAM	1	0	20.66	20.71	20.58		
10	64QAM	1	25	20.74	20.72	20.79	22	1.5
10	64QAM	1	49	20.71	20.75	20.69		
10	64QAM	25	0	19.60	19.58	19.57		
10	64QAM	25	12	19.71	19.63	19.68	21	2.5
10	64QAM	25	25	19.47	19.53	19.47		
10	64QAM	50	0	19.51	19.49	19.52		
10	256QAM	1	0	17.52	17.51	17.60		
10	256QAM	1	25	17.43	17.37	17.50	19	4.5
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49		
10	256QAM	25	12	17.39	17.48	17.34	19	4.5
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.21	22.28	22.28		
5	QPSK	1	12	22.20	22.29	22.28	23.5	0
5	QPSK	1	24	22.20	22.12	22.12		
5	QPSK	12	0	21.66	21.72	21.61		
5	QPSK	12	7	21.48	21.65	21.62	23	0.5
5	QPSK	12	13	21.35	21.43	21.31		
5	QPSK	25	0	21.42	21.60	21.47		
5	16QAM	1	0	21.56	21.63	21.77		
5	16QAM	1	12	21.41	21.56	21.53	23	0.5
5	16QAM	1	24	21.55	21.67	21.72		
5	16QAM	12	0	20.59	20.68	20.67		
5	16QAM	12	7	20.72	20.67	20.74	22	1.5
5	16QAM	12	13	20.58	20.58	20.61		
5	16QAM	25	0	20.62	20.56	20.64		
5	64QAM	1	0	20.55	20.61	20.54		
5	64QAM	1	12	20.72	20.64	20.75	22	1.5
5	64QAM	1	24	20.64	20.68	20.58		
5	64QAM	12	0	19.55	19.42	19.50		
5	64QAM	12	7	19.69	19.57	19.65	21	2.5
5	64QAM	12	13	19.31	19.39	19.38		
5	64QAM	25	0	19.48	19.46	19.41		
5	256QAM	1	0	17.51	17.39	17.45		
5	256QAM	1	12	17.27	17.24	17.37	19	4.5
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35		
5	256QAM	12	7	17.24	17.41	17.30	19	4.5
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.25	22.32	22.30		
3	QPSK	1	8	22.21	22.24	22.27	23.5	0
3	QPSK	1	14	22.24	22.18	22.15		
3	QPSK	8	0	21.57	21.60	21.61		
3	QPSK	8	4	21.50	21.54	21.54	23	0.5
3	QPSK	8	7	21.39	21.55	21.25		
3	QPSK	15	0	21.50	21.53	21.37		
3	16QAM	1	0	21.64	21.53	21.77		
3	16QAM	1	8	21.56	21.56	21.59	23	0.5
3	16QAM	1	14	21.56	21.65	21.66		
3	16QAM	8	0	20.64	20.52	20.70		
3	16QAM	8	4	20.65	20.72	20.75	22	1.5
3	16QAM	8	7	20.57	20.58	20.57		
3	16QAM	15	0	20.57	20.46	20.49		
3	64QAM	1	0	20.48	20.58	20.43		
3	64QAM	1	8	20.58	20.60	20.60	22	1.5
3	64QAM	1	14	20.60	20.56	20.56		
3	64QAM	8	0	19.52	19.43	19.43		
3	64QAM	8	4	19.58	19.43	19.62	21	2.5
3	64QAM	8	7	19.31	19.44	19.38		
3	64QAM	15	0	19.37	19.37	19.45		
3	256QAM	1	0	17.33	17.43	17.54		
3	256QAM	1	8	17.28	17.22	17.43	19	4.5
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43		
3	256QAM	8	4	17.21	17.46	17.30	19	4.5
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.32	22.32	22.27		
1.4	QPSK	1	3	22.16	22.31	22.31		
1.4	QPSK	1	5	22.27	22.17	22.14	23.5	0
1.4	QPSK	3	0	22.23	22.38	22.33		
1.4	QPSK	3	1	22.21	22.32	22.25		
1.4	QPSK	3	3	22.26	22.15	22.13		
1.4	QPSK	6	0	21.55	21.63	21.48	23	0.5
1.4	16QAM	1	0	21.55	21.50	21.58		
1.4	16QAM	1	3	21.48	21.49	21.26		
1.4	16QAM	1	5	21.48	21.49	21.45	23	0.5
1.4	16QAM	3	0	21.58	21.61	21.81		
1.4	16QAM	3	1	21.56	21.58	21.64		
1.4	16QAM	3	3	21.68	21.56	21.62		
1.4	16QAM	6	0	20.68	20.54	20.67	22	1.5
1.4	64QAM	1	0	20.62	20.69	20.73		
1.4	64QAM	1	3	20.63	20.43	20.56		
1.4	64QAM	1	5	20.54	20.53	20.52	22	1.5
1.4	64QAM	3	0	20.60	20.69	20.49		
1.4	64QAM	3	1	20.54	20.55	20.78		
1.4	64QAM	3	3	20.55	20.70	20.55		
1.4	64QAM	6	0	19.59	19.51	19.54	21	2.5
1.4	256QAM	1	0	17.41	17.34	17.51		
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18	19	4.5
1.4	256QAM	3	0	17.38	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	4.5

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.96	23.05	23.03		
10	QPSK	1	25	22.92	22.96	22.89	24	0
10	QPSK	1	49	22.88	22.98	22.89		
10	QPSK	25	0	21.74	21.86	21.63		
10	QPSK	25	12	21.83	21.82	21.84	23	1
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.75	21.68		
10	16QAM	1	0	21.85	21.89	21.89		
10	16QAM	1	25	21.78	21.82	21.71	23	1
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54		
10	16QAM	25	12	20.71	20.70	20.79	22	2
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82		
10	64QAM	1	25	20.87	20.83	20.85	22	2
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53		
10	64QAM	25	12	19.64	19.63	19.62	21	3
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84		
10	256QAM	1	25	17.87	17.89	17.91	19	5
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86		
10	256QAM	25	12	17.81	17.87	17.74	19	5
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87		
5	QPSK	1	12	22.83	22.93	22.73	24	0
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50		
5	QPSK	12	7	21.68	21.69	21.69	23	1
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74		
5	16QAM	1	12	21.73	21.73	21.62	23	1
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41		
5	16QAM	12	7	20.52	20.56	20.64	22	2
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72		
5	64QAM	1	12	20.75	20.70	20.84	22	2
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48		
5	64QAM	12	7	19.62	19.45	19.56	21	3
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79		
5	256QAM	1	12	17.81	17.72	17.90	19	5
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80		
5	256QAM	12	7	17.67	17.72	17.58	19	5
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98		
3	QPSK	1	8	22.92	22.84	22.89	24	0
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63		
3	QPSK	8	4	21.66	21.73	21.67	23	1
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69		
3	16QAM	1	8	21.60	21.72	21.69	23	1
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35		
3	16QAM	8	4	20.68	20.61	20.65	22	2
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76		
3	64QAM	1	8	20.73	20.82	20.75	22	2
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33		
3	64QAM	8	4	19.49	19.56	19.59	21	3
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82		
3	256QAM	1	8	17.80	17.70	17.83	19	5
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71		
3	256QAM	8	4	17.79	17.81	17.69	19	5
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92		
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70	24	0
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.86		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79		
1.4	16QAM	1	3	21.66	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67	23	1
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59		
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58	22	2
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69		
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71	19	5
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI3 sig path:300

BW [MHz]	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	23.22	23.24	23.17		
10	QPSK	1	25	23.15	23.18	23.05	24	0
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96		
10	QPSK	25	12	21.90	21.91	22.01	23	1
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.96	21.87		
10	16QAM	1	0	22.08	21.99	21.98		
10	16QAM	1	25	21.94	21.99	21.87	23	1
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64		
10	16QAM	25	12	20.81	20.90	20.95	22	2
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95		
10	64QAM	1	25	21.07	20.98	21.07	22	2
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69		
10	64QAM	25	12	19.81	19.80	19.82	21	3
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97		
10	256QAM	1	25	18.00	18.07	18.00	19	5
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96		
10	256QAM	25	12	18.02	18.03	17.85	19	5
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12		
5	QPSK	1	12	23.13	23.14	23.01	24	0
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86		
5	QPSK	12	7	21.82	21.76	21.96	23	1
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81		
5	16QAM	1	12	21.86	21.82	21.84	23	1
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47		
5	16QAM	12	7	20.66	20.87	20.90	22	2
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88		
5	64QAM	1	12	21.01	20.86	20.99	22	2
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60		
5	64QAM	12	7	19.68	19.74	19.70	21	3
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92		
5	256QAM	1	12	17.97	18.03	17.94	19	5
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92		
5	256QAM	12	7	17.95	17.95	17.69	19	5
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12		
3	QPSK	1	8	22.98	23.16	22.93	24	0
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79		
3	QPSK	8	4	21.86	21.79	21.87	23	1
3	QPSK	8	7	21.80	21.89	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82		
3	16QAM	1	8	21.83	21.94	21.71	23	1
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60		
3	16QAM	8	4	20.71	20.81	20.89	22	2
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89		
3	64QAM	1	8	20.91	20.81	20.91	22	2
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62		
3	64QAM	8	4	19.75	19.71	19.72	21	3
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90		
3	256QAM	1	8	17.83	17.98	17.92	19	5
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91		
3	256QAM	8	4	17.97	17.94	17.74	19	5
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13		
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90	24	0
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88		
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82	23	1
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69		
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77	22	2
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87		
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84	19	5
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI3

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.91			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI3 sig path:378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.78		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

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BW [MHz]	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	23.06	23.11	23.03	23.5	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	0.5
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	0.5
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	1.5
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	1.5
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	2.5
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	4.5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	4.5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.48		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	23.5	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	0.5
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	0.5
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	1.5
5	16QAM	12	7	20.65	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	1.5
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	2.5
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	4.5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	4.5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

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BW [MHz]	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	16.61	16.68	16.65	18	0
20	QPSK	1	49	16.53	16.63	16.62		
20	QPSK	1	99	16.39	16.48	16.40		
20	QPSK	50	0	16.60	16.64	16.57		
20	QPSK	50	24	16.43	16.50	16.58		
20	QPSK	50	50	16.44	16.56	16.57		
20	QPSK	100	0	16.53	16.59	16.44		
20	16QAM	1	0	16.59	16.62	16.67	18	0
20	16QAM	1	49	16.58	16.55	16.55		
20	16QAM	1	99	16.41	16.64	16.49		
20	16QAM	50	0	16.49	16.57	16.47		
20	16QAM	50	24	16.58	16.43	16.61		
20	16QAM	50	50	16.51	16.58	16.51		
20	16QAM	100	0	16.53	16.62	16.59		
20	64QAM	1	0	16.50	16.62	16.51	18	0
20	64QAM	1	49	16.57	16.66	16.51		
20	64QAM	1	99	16.55	16.61	16.63		
20	64QAM	50	0	16.55	16.47	16.46		
20	64QAM	50	24	16.54	16.45	16.53		
20	64QAM	50	50	16.53	16.50	16.60		
20	64QAM	100	0	16.50	16.56	16.60		
20	256QAM	1	0	16.56	16.63	16.52	18	0
20	256QAM	1	49	16.50	16.49	16.58		
20	256QAM	1	99	16.59	16.52	16.64		
20	256QAM	50	0	16.53	16.59	16.57	18	0
20	256QAM	50	24	16.45	16.60	16.55		
20	256QAM	50	50	16.58	16.45	16.64		
20	256QAM	100	0	16.52	16.56	16.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.51	16.60	16.50	18	0
15	QPSK	1	37	16.45	16.53	16.48		
15	QPSK	1	74	16.24	16.41	16.34		
15	QPSK	36	0	16.55	16.54	16.47	18	0
15	QPSK	36	20	16.30	16.40	16.47		
15	QPSK	36	39	16.38	16.41	16.44		
15	QPSK	75	0	16.46	16.49	16.32		
15	16QAM	1	0	16.50	16.55	16.51	18	0
15	16QAM	1	37	16.44	16.46	16.50		
15	16QAM	1	74	16.27	16.57	16.36		
15	16QAM	36	0	16.41	16.44	16.41	18	0
15	16QAM	36	20	16.51	16.30	16.49		
15	16QAM	36	39	16.41	16.43	16.46		
15	16QAM	75	0	16.46	16.57	16.50		
15	64QAM	1	0	16.35	16.53	16.41	18	0
15	64QAM	1	37	16.52	16.56	16.47		
15	64QAM	1	74	16.41	16.52	16.57		
15	64QAM	36	0	16.50	16.32	16.41	18	0
15	64QAM	36	20	16.48	16.36	16.41		
15	64QAM	36	39	16.38	16.40	16.54		
15	64QAM	75	0	16.38	16.43	16.56		
15	256QAM	1	0	16.43	16.58	16.44	18	0
15	256QAM	1	37	16.35	16.42	16.53		
15	256QAM	1	74	16.54	16.45	16.59		
15	256QAM	36	0	16.40	16.44	16.43	18	0
15	256QAM	36	20	16.34	16.55	16.48		
15	256QAM	36	39	16.47	16.35	16.56		
15	256QAM	75	0	16.41	16.44	16.32		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.56	16.60	16.54	18	0
10	QPSK	1	25	16.46	16.55	16.54		
10	QPSK	1	49	16.27	16.33	16.28		
10	QPSK	25	0	16.53	16.48	16.45	18	0
10	QPSK	25	12	16.32	16.43	16.52		
10	QPSK	25	25	16.35	16.43	16.48		
10	QPSK	50	0	16.42	16.46	16.37		
10	16QAM	1	0	16.55	16.51	16.62	18	0
10	16QAM	1	25	16.45	16.43	16.50		
10	16QAM	1	49	16.33	16.56	16.35		
10	16QAM	25	0	16.39	16.42	16.34	18	0
10	16QAM	25	12	16.42	16.28	16.48		
10	16QAM	25	25	16.44	16.52	16.45		
10	16QAM	50	0	16.43	16.58	16.52		
10	64QAM	1	0	16.45	16.48	16.45	18	0
10	64QAM	1	25	16.48	16.62	16.37		
10	64QAM	1	49	16.51	16.52	16.51		
10	64QAM	25	0	16.46	16.33	16.37	18	0
10	64QAM	25	12	16.39	16.35	16.40		
10	64QAM	25	25	16.42	16.38	16.46		
10	64QAM	50	0	16.39	16.45	16.45		
10	256QAM	1	0	16.49	16.48	16.45	18	0
10	256QAM	1	25	16.39	16.39	16.47		
10	256QAM	1	49	16.52	16.41	16.57		
10	256QAM	25	0	16.46	16.50	16.50	18	0
10	256QAM	25	12	16.33	16.50	16.60		
10	256QAM	25	25	16.50	16.34	16.52		
10	256QAM	50	0	16.38	16.37	16.38		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.52	16.62	16.49	18	0
5	QPSK	1	12	16.44	16.49	16.58		
5	QPSK	1	24	16.24	16.36	16.36		
5	QPSK	12	0	16.52	16.56	16.50	18	0
5	QPSK	12	7	16.33	16.38	16.42		
5	QPSK	12	13	16.40	16.42	16.47		
5	QPSK	25	0	16.44	16.55	16.29		
5	16QAM	1	0	16.47	16.51	16.54	18	0
5	16QAM	1	12	16.49	16.41	16.51		
5	16QAM	1	24	16.35	16.49	16.37		
5	16QAM	12	0	16.42	16.52	16.36	18	0
5	16QAM	12	7	16.51	16.37	16.49		
5	16QAM	12	13	16.44	16.53	16.37		
5	16QAM	25	0	16.44	16.46	16.54		
5	64QAM	1	0	16.35	16.54	16.47	18	0
5	64QAM	1	12	16.50	16.56	16.35		
5	64QAM	1	24	16.50	16.55	16.53		
5	64QAM	12	0	16.39	16.37	16.38	18	0
5	64QAM	12	7	16.46	16.30	16.46		
5	64QAM	12	13	16.47	16.45	16.49		
5	64QAM	25	0	16.45	16.51	16.49		
5	256QAM	1	0	16.50	16.52	16.43	18	0
5	256QAM	1	12	16.34	16.34	16.51		
5	256QAM	1	24	16.47	16.39	16.49		
5	256QAM	12	0	16.45	16.46	16.50	18	0
5	256QAM	12	7	16.39	16.45	16.40		
5	256QAM	12	13	16.42	16.33	16.57		
5	256QAM	25	0	16.38	16.42	16.33		
Channel				26025	26340	26670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.49	16.63	16.60	18	0
3	QPSK	1	8	16.46	16.49	16.56		
3	QPSK	1	14	16.31	16.38	16.24		
3	QPSK	8	0	16.50	16.50	16.45	18	0
3	QPSK	8	4	16.29	16.39	16.52		
3	QPSK	8	7	16.28	16.51	16.48		
3	QPSK	15	0	16.38	16.48	16.37		
3	16QAM	1	0	16.53	16.55	16.51	18	0
3	16QAM	1	8	16.50	16.42	16.40		
3	16QAM	1	14	16.32	16.59	16.44		
3	16QAM	8	0	16.34	16.44	16.38	18	0
3	16QAM	8	4	16.44	16.30	16.52		
3	16QAM	8	7	16.42	16.49	16.41		
3	16QAM	15	0	16.39	16.52	16.53		
3	64QAM	1	0	16.38	16.53	16.37	18	0
3	64QAM	1	8	16.52	16.53	16.43		
3	64QAM	1	14	16.47	16.51	16.54		
3	64QAM	8	0	16.48	16.36	16.33	18	0
3	64QAM	8	4	16.41	16.30	16.49		
3	64QAM	8	7	16.42	16.45	16.52		
3	64QAM	15	0	16.35	16.50	16.50		
3	256QAM	1	0	16.49	16.48	16.45	18	0
3	256QAM	1	8	16.38	16.34	16.52		
3	256QAM	1	14	16.48	16.44	16.54		
3	256QAM	8	0	16.38	16.45	16.53	18	0
3	256QAM	8	4	16.35	16.45	16.44		
3	256QAM	8	7	16.45	16.36	16.58		
3	256QAM	15	0	16.48	16.44	16.36		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.54	16.63	16.53	18	0
1.4	QPSK	1	3	16.45	16.59	16.47		
1.4	QPSK	1	5	16.24	16.44	16.29		
1.4	QPSK	3	0	16.50	16.49	16.47		
1.4	QPSK	3	1	16.35	16.39	16.50		
1.4	QPSK	3	3	16.36	16.44	16.52		
1.4	QPSK	6	0	16.39	16.43	16.39	18	0
1.4	16QAM	1	0	16.44	16.49	16.82	18	0
1.4	16QAM	1	3	16.46	16.39	16.49		
1.4	16QAM	1	5	16.25	16.57	16.36		
1.4	16QAM	3	0	16.35	16.46	16.34		
1.4	16QAM	3	1	16.48	16.36	16.45		
1.4	16QAM	3	3	16.40	16.51	16.41		
1.4	16QAM	6	0	16.48	16.48	16.48	18	0
1.4	64QAM	1	0	16.40	16.49	16.47	18	0
1.4	64QAM	1	3	16.46	16.53	16.39		
1.4	64QAM	1	5	16.40	16.55	16.57		
1.4	64QAM	3	0	16.39	16.39	16.33		
1.4	64QAM	3	1	16.39	16.35	16.39		
1.4	64QAM	3	3	16.44	16.37	16.54		
1.4	64QAM	6	0	16.39	16.49	16.55	18	0
1.4	256QAM	1	0	16.41	16.48	16.42	18	0
1.4	256QAM	1	3	16.39	16.41	16.53		
1.4	256QAM	1	5	16.50	16.43	16.55		
1.4	256QAM	3	0	16.47	16.46	16.42		
1.4	256QAM	3	1	16.33	16.49	16.45		
1.4	256QAM	3	3	16.49	16.32	16.50		
1.4	256QAM	6	0	16.39	16.37	16.32	18	0

Band 26 for FCC Ant 0 DSI3

BW [MHz]	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	22.40	22.45	22.35	23.5	0
15	QPSK	1	37	22.36	22.36	22.34		
15	QPSK	1	74	22.26	22.21	22.23		
15	QPSK	36	0	21.60	21.64	21.60	23	0.5
15	QPSK	36	20	21.31	21.38	21.29		
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.36	21.31		
15	16QAM	1	0	21.55	21.58	21.47	23	0.5
15	16QAM	1	37	21.41	21.44	21.37		
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54	22	1.5
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	1.5
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	2.5
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	4.5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	4.5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.26	22.39	22.26	23.5	0
10	QPSK	1	25	22.28	22.32	22.27		
10	QPSK	1	49	22.16	22.13	22.11		
10	QPSK	25	0	21.52	21.45	21.45	23	0.5
10	QPSK	25	12	21.13	21.37	21.23		
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33	23	0.5
10	16QAM	1	25	21.37	21.41	21.28		
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35	22	1.5
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	1.5
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	2.5
10	64QAM	25	12	19.29	19.35	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	4.5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	4.5
10	256QAM	25	12	17.25	17.36	17.31		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.34	22.26	23.5	0
5	QPSK	1	12	22.27	22.29	22.28		
5	QPSK	1	24	22.12	22.12	22.14		
5	QPSK	12	0	21.50	21.56	21.45	23	0.5
5	QPSK	12	7	21.19	21.27	21.27		
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38	23	0.5
5	16QAM	1	12	21.23	21.40	21.20		
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36	22	1.5
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	1.5
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	2.5
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	4.5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	4.5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.36	22.19	23.5	0
3	QPSK	1	8	22.24	22.21	22.24		
3	QPSK	1	14	22.11	22.16	22.09		
3	QPSK	8	0	21.40	21.56	21.48	23	0.5
3	QPSK	8	4	21.24	21.38	21.17		
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28	23	0.5
3	16QAM	1	8	21.33	21.36	21.26		
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51	22	1.5
3	16QAM	8	4	20.27	20.27	20.34		
3	16QAM	8	7	20.36	20.46	20.39		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50	22	1.5
3	64QAM	1	8	20.31	20.43	20.39		
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47	21	2.5
3	64QAM	8	4	19.26	19.32	19.41		
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36	19	4.5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.37	17.26	19	4.5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.34	22.33	22.22	23.5	0
1.4	QPSK	1	3	22.28	22.23	22.28		
1.4	QPSK	1	5	22.20	22.06	22.11		
1.4	QPSK	3	0	22.32	22.37	22.23		
1.4	QPSK	3	1	22.24	22.22	22.20		
1.4	QPSK	3	3	22.11	22.13	22.10		
1.4	QPSK	6	0	21.57	21.61	21.54	23	0.5
1.4	16QAM	1	0	21.16	21.26	21.30		
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12	23	0.5
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.26	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	1.5
1.4	64QAM	1	0	20.33	20.37	20.41	22	1.5
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39		
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.43	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	2.5
1.4	256QAM	1	0	17.39	17.37	17.47	19	4.5
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57		
1.4	256QAM	3	0	17.27	17.33	17.41		
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.26	17.21	17.23	19	4.5

Band 26 for FCC Ant 0 DSI3 sig path:320

BW [MHz]	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	22.85	22.91	22.83	23.5	0
15	QPSK	1	37	22.82	22.87	22.81		
15	QPSK	1	74	22.77	22.74	22.72		
15	QPSK	36	0	22.03	22.13	22.10	23	0.5
15	QPSK	36	20	21.79	21.86	21.85		
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94	23	0.5
15	16QAM	1	37	21.92	21.88	21.90		
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	20.96	22	1.5
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.08	21.02	21.11	22	1.5
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	2.5
15	64QAM	36	20	19.88	19.86	19.96		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	4.5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	4.5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.78	22.78	22.83	23.5	0
10	QPSK	1	25	22.73	22.75	22.74		
10	QPSK	1	49	22.62	22.67	22.58		
10	QPSK	25	0	22.00	22.08	21.97	23	0.5
10	QPSK	25	12	21.69	21.79	21.75		
10	QPSK	25	25	21.90	21.95	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88	23	0.5
10	16QAM	1	25	21.86	21.74	21.86		
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96	22	1.5
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04	22	1.5
10	64QAM	1	25	20.96	20.94	20.88		
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01	21	2.5
10	64QAM	25	12	19.82	19.77	19.94		
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95	19	4.5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	4.5
10	256QAM	25	12	17.69	17.84	17.80		
10	256QAM	25	25	17.68	17.83	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.76	22.76	22.76	23.5	0
5	QPSK	1	12	22.64	22.76	22.83		
5	QPSK	1	24	22.69	22.57	22.56		
5	QPSK	12	0	21.98	21.98	21.94	23	0.5
5	QPSK	12	7	21.75	21.68	21.71		
5	QPSK	12	13	21.76	22.02	21.94		
5	QPSK	25	0	21.82	21.81	21.70		
5	16QAM	1	0	22.02	22.00	21.87	23	0.5
5	16QAM	1	12	21.75	21.81	21.72		
5	16QAM	1	24	22.02	22.09	22.15		
5	16QAM	12	0	20.89	20.79	20.88	22	1.5
5	16QAM	12	7	20.80	20.85	20.91		
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03	22	1.5
5	64QAM	1	12	20.84	21.01	20.81		
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97	21	2.5
5	64QAM	12	7	19.80	19.73	19.85		
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87	19	4.5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	4.5
5	256QAM	12	7	17.92	17.74	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.76	22.90	22.73	23.5	0
3	QPSK	1	8	22.62	22.80	22.74		
3	QPSK	1	14	22.63	22.65	22.65		
3	QPSK	8	0	21.93	22.08	22.07	23	0.5
3	QPSK	8	4	21.77	21.71	21.73		
3	QPSK	8	7	21.91	21.94	21.82		
3	QPSK	15	0	21.80	21.91	21.84		
3	16QAM	1	0	21.95	22.10	21.80	23	0.5
3	16QAM	1	8	21.75	21.84	21.77		
3	16QAM	1	14	22.13	22.09	22.10		
3	16QAM	8	0	20.88	20.88	21.00	22	1.5
3	16QAM	8	4	20.70	20.83	20.92		
3	16QAM	8	7	20.88	20.82	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98	22	1.5
3	64QAM	1	8	20.86	20.99	20.86		
3	64QAM	1	14	20.73	20.74	20.89		
3	64QAM	8	0	19.94	19.96	19.89	21	2.5
3	64QAM	8	4	19.71	19.72	19.95		
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.80	17.88	19	4.5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.77	17.80	17.90	19	4.5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.83	22.78	22.80	23.5	0
1.4	QPSK	1	3	22.68	22.82	22.67		
1.4	QPSK	1	5	22.78	22.75	22.75		
1.4	QPSK	3	0	22.78	22.88	22.74		
1.4	QPSK	3	1	22.63	22.76	22.71		
1.4	QPSK	3	3	22.57	22.67	22.68		
1.4	QPSK	6	0	22.02	22.07	22.00	23	0.5
1.4	16QAM	1	0	21.68	21.80	21.76		
1.4	16QAM	1	3	21.73	21.90	21.81		
1.4	16QAM	1	5	21.65	21.76	21.69	23	0.5
1.4	16QAM	3	0	21.97	21.89	21.89		
1.4	16QAM	3	1	21.87	21.75	21.81		
1.4	16QAM	3	3	22.15	22.19	22.03		
1.4	16QAM	6	0	20.90	20.87	20.84	22	1.5
1.4	64QAM	1	0	20.82	20.89	20.92	22	1.5
1.4	64QAM	1	3	20.68	20.80	20.76		
1.4	64QAM	1	5	20.90	21.06	20.92		
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.63	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	2.5
1.4	256QAM	1	0	17.89	17.86	17.95	19	4.5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.62	17.77	17.71	19	4.5

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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	17.93	18.03	17.94	19.5	0
20	QPSK	1	49	17.83	18.02	17.83		
20	QPSK	1	99	17.72	17.90	17.83		
20	QPSK	50	0	17.92	18.00	17.87		
20	QPSK	50	24	17.85	17.95	17.85		
20	QPSK	50	50	17.98	17.94	17.91		
20	QPSK	100	0	17.92	17.97	17.86		
20	16QAM	1	0	18.02	17.94	17.88	19.5	0
20	16QAM	1	49	18.02	17.96	17.96		
20	16QAM	1	99	17.88	17.90	17.89		
20	16QAM	50	0	17.81	17.87	17.79		
20	16QAM	50	24	17.96	17.94	17.87		
20	16QAM	50	50	17.93	17.87	17.97		
20	16QAM	100	0	17.91	17.85	17.84		
20	64QAM	1	0	17.87	17.86	17.91	19.5	0
20	64QAM	1	49	17.82	17.92	17.88		
20	64QAM	1	99	17.87	17.96	17.94		
20	64QAM	50	0	17.88	17.95	17.82		
20	64QAM	50	24	17.99	17.97	17.85		
20	64QAM	50	50	17.79	18.02	17.92		
20	64QAM	100	0	17.99	17.97	17.96		
20	256QAM	1	0	17.99	17.99	17.85	19	0.5
20	256QAM	1	49	17.92	17.84	17.94		
20	256QAM	1	99	17.87	17.95	17.89		
20	256QAM	50	0	17.93	17.99	17.79	19	0.5
20	256QAM	50	24	17.81	17.91	17.80		
20	256QAM	50	50	17.97	17.88	17.91		
20	256QAM	100	0	17.83	17.87	17.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.81	17.92	17.88	19.5	0
15	QPSK	1	37	17.75	17.94	17.76		
15	QPSK	1	74	17.65	17.83	17.71		
15	QPSK	36	0	17.87	17.88	17.72	19.5	0
15	QPSK	36	20	17.75	17.89	17.69		
15	QPSK	36	39	17.88	17.85	17.85		
15	QPSK	75	0	17.85	17.82	17.85		
15	16QAM	1	0	17.95	17.83	17.77	19.5	0
15	16QAM	1	37	17.87	17.84	17.87		
15	16QAM	1	74	17.78	17.76	17.82		
15	16QAM	36	0	17.75	17.81	17.63	19.5	0
15	16QAM	36	20	17.81	17.81	17.75		
15	16QAM	36	39	17.85	17.72	17.91		
15	16QAM	75	0	17.84	17.72	17.74		
15	64QAM	1	0	17.79	17.75	17.84	19.5	0
15	64QAM	1	37	17.68	17.88	17.82		
15	64QAM	1	74	17.76	17.91	17.89		
15	64QAM	36	0	17.74	17.90	17.69	19.5	0
15	64QAM	36	20	17.90	17.71	17.66		
15	64QAM	36	39	17.65	17.96	17.87		
15	64QAM	75	0	17.92	17.92	17.87		
15	256QAM	1	0	17.88	17.89	17.76	19	0.5
15	256QAM	1	37	17.82	17.80	17.84		
15	256QAM	1	74	17.77	17.82	17.81		
15	256QAM	36	0	17.87	17.89	17.69	19.5	0
15	256QAM	36	20	17.68	17.82	17.76		
15	256QAM	36	39	17.90	17.86	17.86		
15	256QAM	75	0	17.79	17.72	17.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.82	17.85	17.85	19.5	0
10	QPSK	1	25	17.74	17.95	17.73		
10	QPSK	1	49	17.58	17.77	17.77		
10	QPSK	25	0	17.77	17.84	17.81	19.5	0
10	QPSK	25	12	17.78	17.84	17.79		
10	QPSK	25	25	17.91	17.86	17.82		
10	QPSK	50	0	17.86	17.91	17.84		
10	16QAM	1	0	17.97	17.89	17.76	19.5	0
10	16QAM	1	25	17.95	17.90	17.91		
10	16QAM	1	49	17.72	17.78	17.79

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BW [MHz]	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62	22	2
20	16QAM	50	24	20.93	20.72	20.85		
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64QAM	1	0	20.79	20.72	20.70	22	2
20	64QAM	1	49	20.56	20.61	20.71		
20	64QAM	1	99	20.69	20.62	20.52		
20	64QAM	50	0	19.72	19.76	19.63	21	3
20	64QAM	50	24	19.66	19.74	19.39		
20	64QAM	50	50	19.64	19.67	19.82		
20	64QAM	100	0	19.69	19.66	19.59		
20	256QAM	1	0	17.76	17.85	17.57	19	5
20	256QAM	1	49	17.70	17.73	17.69		
20	256QAM	1	99	17.52	17.91	17.71		
20	256QAM	50	0	17.64	17.55	17.55	19	5
20	256QAM	50	24	17.37	17.73	17.32		
20	256QAM	50	50	17.78	17.79	17.56		
20	256QAM	100	0	17.40	17.65	17.57		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.70	22.76	22.75	24	0
15	QPSK	1	37	22.52	22.50	22.75		
15	QPSK	1	74	22.59	22.52	22.58		
15	QPSK	36	0	21.62	21.68	21.50	23	1
15	QPSK	36	20	21.76	21.74	21.72		
15	QPSK	36	39	21.59	21.45	21.44		
15	QPSK	75	0	21.67	21.68	21.71		
15	16QAM	1	0	21.56	21.88	21.53	23	1
15	16QAM	1	37	21.68	21.75	21.49		
15	16QAM	1	74	21.64	21.62	21.61		
15	16QAM	36	0	20.52	20.70	20.51	22	2
15	16QAM	36	20	20.77	20.55	20.85		
15	16QAM	36	39	20.53	20.52	20.43		
15	16QAM	75	0	20.75	20.65	20.68		
15	64QAM	1	0	20.66	20.67	20.52	22	2
15	64QAM	1	37	20.51	20.49	20.67		
15	64QAM	1	74	20.56	20.61	20.40		
15	64QAM	36	0	19.65	19.58	19.48	21	3
15	64QAM	36	20	19.57	19.56	19.22		
15	64QAM	36	39	19.46	19.54	19.71		
15	64QAM	75	0	19.51	19.59	19.58		
15	256QAM	1	0	17.57	17.70	17.44	19	5
15	256QAM	1	37	17.56	17.57	17.58		
15	256QAM	1	74	17.39	17.83	17.65		
15	256QAM	36	0	17.63	17.40	17.53	19	5
15	256QAM	36	20	17.18	17.62	17.23		
15	256QAM	36	39	17.62	17.62	17.36		
15	256QAM	75	0	17.37	17.50	17.53		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.73	22.71	22.79	24	0
10	QPSK	1	25	22.50	22.52	22.71		
10	QPSK	1	49	22.62	22.51	22.53		
10	QPSK	25	0	21.70	21.80	21.51	23	1
10	QPSK	25	12	21.73	21.64	21.76		
10	QPSK	25	25	21.46	21.54	21.39		
10	QPSK	50	0	21.65	21.78	21.65		
10	16QAM	1	0	21.49	21.86	21.53	23	1
10	16QAM	1	25	21.54	21.59	21.53		
10	16QAM	1	49	21.65	21.53	21.59		
10	16QAM	25	0	20.56	20.72	20.46	22	2
10	16QAM	25	12	20.89	20.69	20.70		
10	16QAM	25	25	20.54	20.46	20.42		
10	16QAM	50	0	20.80	20.59	20.62		
10	64QAM	1	0	20.77	20.53	20.65	22	2
10	64QAM	1	25	20.56	20.41	20.52		
10	64QAM	1	49	20.58	20.61	20.48		
10	64QAM	25	0	19.60	19.59	19.58	21	3
10	64QAM	25	12	19.54	19.58	19.38		
10	64QAM	25	25	19.50	19.49	19.74		
10	64QAM	50	0	19.67	19.58	19.45		
10	256QAM	1	0	17.64	17.77	17.41	19	5
10	256QAM	1	25	17.68	17.61	17.51		
10	256QAM	1	49	17.37	17.73	17.54		
10	256QAM	25	0	17.52	17.51	17.35	19	5
10	256QAM	25	12	17.21	17.59	17.31		
10	256QAM	25	25	17.64	17.69	17.45		
10	256QAM	50	0	17.22	17.53	17.47		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.69	22.90	22.73	24	0
5	QPSK	1	12	22.56	22.47	22.62		
5	QPSK	1	24	22.73	22.49	22.55		
5	QPSK	12	0	21.74	21.74	21.62	23	1
5	QPSK	12	7	21.70	21.70	21.66		
5	QPSK	12	13	21.45	21.50	21.47		
5	QPSK	25	0	21.65	21.78	21.58		
5	16QAM	1	0	21.49	21.81	21.52	23	1
5	16QAM	1	12	21.58	21.59	21.60		
5	16QAM	1	24	21.54	21.61	21.69		
5	16QAM	12	0	20.54	20.76	20.50	22	2
5	16QAM	12	7	20.75	20.60	20.77		
5	16QAM	12	13	20.46	20.53	20.46		
5	16QAM	25	0	20.64	20.73	20.59		
5	64QAM	1	0	20.78	20.67	20.52	22	2
5	64QAM	1	12	20.43	20.52	20.52		
5	64QAM	1	24	20.49	20.60	20.43		
5	64QAM	12	0	19.67	19.58	19.44	21	3
5	64QAM	12	7	19.63	19.59	19.37		
5	64QAM	12	13	19.53	19.65	19.72		
5	64QAM	25	0	19.62	19.49	19.54		
5	256QAM	1	0	17.63	17.68	17.38	19	5
5	256QAM	1	12	17.50	17.72	17.54		
5	256QAM	1	24	17.45	17.72	17.65		
5	256QAM	12	0	17.52	17.52	17.47	19	5
5	256QAM	12	7	17.31	17.56	17.21		
5	256QAM	12	13	17.67	17.65	17.53		
5	256QAM	25	0	17.23	17.59	17.42		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.75	18.84	18.82		
20	QPSK	1	49	18.72	18.70	18.71	20	0
20	QPSK	1	99	18.50	18.63	18.67		
20	QPSK	50	0	18.72	18.80	18.76		
20	QPSK	50	24	18.59	18.68	18.69	20	0
20	QPSK	50	50	18.58	18.63	18.66		
20	QPSK	100	0	18.69	18.78	18.60		
20	16QAM	1	0	18.73	18.61	18.73		
20	16QAM	1	49	18.70	18.72	18.55	20	0
20	16QAM	1	99	18.58	18.60	18.69		
20	16QAM	50	0	18.55	18.50	18.64		
20	16QAM	50	24	18.58	18.52	18.61	20	0
20	16QAM	50	50	18.73	18.72	18.68		
20	16QAM	100	0	18.57	18.57	18.68		
20	64QAM	1	0	18.65	18.70	18.58		
20	64QAM	1	49	18.64	18.77	18.55	20	0
20	64QAM	1	99	18.50	18.75	18.63		
20	64QAM	50	0	18.66	18.65	18.60		
20	64QAM	50	24	18.71	18.54	18.68	20	0
20	64QAM	50	50	18.55	18.62	18.64		
20	64QAM	100	0	18.66	18.67	18.61		
20	256QAM	1	0	17.69	17.82	17.75		
20	256QAM	1	49	17.52	17.60	17.56	19	1
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40		
20	256QAM	50	24	17.29	17.38	17.32	19	1
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.64	18.78	18.72		
15	QPSK	1	37	18.57	18.66	18.56	20	0
15	QPSK	1	74	18.45	18.59	18.60		
15	QPSK	36	0	18.58	18.72	18.71		
15	QPSK	36	20	18.49	18.64	18.55	20	0
15	QPSK	36	39	18.44	18.55	18.59		
15	QPSK	75	0	18.63	18.63	18.50		
15	16QAM	1	0	18.67	18.47	18.60		
15	16QAM	1	37	18.63	18.62	18.40	20	0
15	16QAM	1	74	18.47	18.50	18.64		
15	16QAM	36	0	18.48	18.44	18.54		
15	16QAM	36	20	18.45	18.40	18.55	20	0
15	16QAM	36	39	18.66	18.58	18.59		
15	16QAM	75	0	18.41	18.47	18.62		
15	64QAM	1	0	18.61	18.65	18.45		
15	64QAM	1	37	18.50	18.63	18.47	20	0
15	64QAM	1	74	18.44	18.66	18.58		
15	64QAM	36	0	18.53	18.53	18.54		
15	64QAM	36	20	18.60	18.40	18.55	20	0
15	64QAM	36	39	18.50	18.50	18.52		
15	64QAM	75	0	18.59	18.57	18.53		
15	256QAM	1	0	17.65	17.75	17.65		
15	256QAM	1	37	17.43	17.48	17.48	19	1
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33		
15	256QAM	36	20	17.21	17.28	17.26	19	1
15	256QAM	36	39	17.20	17.27	17.25		
15	256QAM	75	0	17.22	17.28	17.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.64	18.72	18.76		
10	QPSK	1	25	18.57	18.56	18.63	20	0
10	QPSK	1	49	18.42	18.57	18.61		
10	QPSK	25	0	18.66	18.74	18.67		
10	QPSK	25	12	18.49	18.58	18.64	20	0
10	QPSK	25	25	18.49	18.51	18.52		
10	QPSK	50	0	18.56	18.71	18.53		
10	16QAM	1	0	18.67	18.48	18.69		
10	16QAM	1	25	18.62	18.63	18.42	20	0
10	16QAM	1	49	18.50	18.55	18.57		
10	16QAM	25	0	18.45	18.40	18.50		
10	16QAM	25	12	18.44	18.38	18.49	20	0
10	16QAM	25	25	18.64	18.59	18.55		
10	16QAM	50	0	18.41	18.51	18.58		
10	64QAM	1	0	18.52	18.56	18.48		
10	64QAM	1	25	18.57	18.72	18.43	20	0
10	64QAM	1	49	18.44	18.66	18.47		
10	64QAM	25	0	18.62	18.55	18.53		
10	64QAM	25	12	18.62	18.39	18.63	20	0
10	64QAM	25	25	18.42	18.53	18.54		
10	64QAM	50	0	18.57	18.56	18.56		
10	256QAM	1	0	17.50	17.72	17.56		
10	256QAM	1	25	17.32	17.57	17.40	19	1
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24		
10	256QAM	25	12	17.20	17.24	17.29	19	1
10	256QAM	25	25	17.21	17.24	17.28		
10	256QAM	50	0	17.24	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.62	18.74	18.72		
5	QPSK	1	12	18.59	18.63	18.61	20	0
5	QPSK	1	24	18.36	18.55	18.57		
5	QPSK	12	0	18.67	18.71	18.63		
5	QPSK	12	7	18.45	18.60	18.60	20	0
5	QPSK	12	13	18.46	18.57	18.62		
5	QPSK	25	0	18.56	18.69	18.54		
5	16QAM	1	0	18.62	18.55	18.59		
5	16QAM	1	12	18.64	18.63	18.42	20	0
5	16QAM	1	24	18.51	18.45	18.56		
5	16QAM	12	0	18.42	18.38	18.49		
5	16QAM	12	7	18.47	18.38	18.48	20	0
5	16QAM	12	13	18.62	18.57	18.62		
5	16QAM	25	0	18.45	18.48	18.53		
5	64QAM	1	0	18.54	18.55	18.53		
5	64QAM	1	12	18.48	18.64	18.40	20	0
5	64QAM	1	24	18.39	18.67	18.49		
5	64QAM	12	0	18.57	18.55	18.54		
5	64QAM	12	7	18.56	18.50	18.56	20	0
5	64QAM	12	13	18.48	18.51	18.50		
5	64QAM	25	0	18.56	18.52	18.47		
5	256QAM	1	0	17.66	17.69	17.74		
5	256QAM	1	12	17.34	17.58	17.43	19	1
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20		
5	256QAM	12	7	17.29	17.27	17.29	19	1
5	256QAM	12	13	17.27	17.22	17.27		
5	256QAM	25	0	17.20	17.40	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.46			
10	QPSK	1	25		20.33		21.5	0
10	QPSK	1	49		20.36			
10	QPSK	25	0		20.44			
10	QPSK	25	12		20.23		21.5	0
10	QPSK	25	25		20.29			
10	QPSK	50	0		20.37			
10	16QAM	1	0		20.25			
10	16QAM	1	25		20.40		21.5	0
10	16QAM	1	49		20.41			
10	16QAM	25	0		20.22			
10	16QAM	25	12		20.39		21.5	0
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.32			
10	64QAM	1	0		20.39			
10	64QAM	1	25		20.35		21.5	0
10	64QAM	1	49		20.31			
10	64QAM	25	0		20.37			
10	64QAM	25	12		20.34		21	0.5
10	64QAM	25	25		20.43			
10	64QAM	50	0		20.42			
10	256QAM	1	0		18.16			
10	256QAM	1	25		18.10		19	2.5
10	256QAM	1	49		18.04			
10	256QAM	25	0		18.02			
10	256QAM	25	12		17.90		19	2.5
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.91			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.35	20.38	20.39		
5	QPSK	1	12	20.20	20.25	20.24	21.5	0
5	QPSK	1	24	20.26	20.24	20.28		
5	QPSK	12	0	20.37	20.35	20.32		
5	QPSK	12	7	20.19	20.17	20.17	21.5	0
5	QPSK	12	13	20.19	20.25	20.21		
5	QPSK	25	0	20.24	20.25	20.26		
5	16QAM	1	0	20.11	20.13	20.15		
5	16QAM	1	12	20.36	20.30	20.32	21.5	0
5	16QAM	1	24	20.37	20.32	20.35		
5	16QAM	12	0	20.10	20.11	20.17		
5	16QAM	12	7	20.26	20.28	20.30	21.5	0
5	16QAM	12	13	20.25	20.30	20.30		
5	16QAM	25	0	20.23	20.23	20.24		
5	64QAM	1	0	20.34	20.26	20.25		
5	64QAM	1	12	20.23	20.22	20.23	21.5	0
5	64QAM	1	24	20.18	20.17	20.17		
5	64QAM	12	0	20.31	20.24	20.30		
5	64QAM	12	7	20.28	20.29	20.19	21	0.5
5	64QAM	12	13	20.28	20.38	20.29		
5	64QAM	25	0	20.32	20.32	20.34		
5	256QAM	1	0	18.08	18.18	18.14		
5	256QAM	1	12	17.93	18.07	18.04	19	2.5
5	256QAM	1	24	18.06	17.98	18.02		
5	256QAM	12	0	17.77	17.89	17.74		
5	256QAM	12	7	18.08	17.82	18.03	19	2.5
5	256QAM	12	13	17.64	17.79	17.62		
5	256QAM	25	0	17.57	17.85	17.69		

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BW [MHz]	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	2596	2610		
20	QPSK	1	0	22.23	22.34	22.32	22.5	0
20	QPSK	1	49	22.32	22.27	22.17		
20	QPSK	1	99	22.15	22.32	22.31		
20	QPSK	50	0	22.25	22.32	22.28		
20	QPSK	50	24	22.30	22.28	22.23	22.5	0
20	QPSK	50	50	22.21	22.28	22.19		
20	QPSK	100	0	22.17	22.25	22.24		
20	16QAM	1	0	22.23	22.15	22.28		
20	16QAM	1	49	22.18	22.26	22.22	22.5	0
20	16QAM	1	99	22.26	22.18	22.24		
20	16QAM	50	0	20.71	20.74	20.66		
20	16QAM	50	24	20.53	20.61	20.53	21.5	1
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56		
20	64QAM	1	49	20.44	20.47	20.50	21.5	1
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67		
20	64QAM	50	24	19.69	19.71	19.62	20.5	2
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60		
20	256QAM	1	49	17.56	17.66	17.63	18.5	4
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67		
20	256QAM	50	24	17.60	17.81	17.58	18.5	4
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.14	22.26	22.21	22.5	0
15	QPSK	1	37	22.22	22.14	22.12		
15	QPSK	1	74	21.99	22.27	22.23		
15	QPSK	36	0	22.12	22.16	22.22		
15	QPSK	36	20	22.26	22.17	22.19	22.5	0
15	QPSK	36	39	22.08	22.18	22.05		
15	QPSK	75	0	22.04	22.16	22.09		
15	16QAM	1	0	22.14	22.03	22.23		
15	16QAM	1	37	22.13	22.19	22.17	22.5	0
15	16QAM	1	74	22.21	22.10	22.15		
15	16QAM	36	0	20.56	20.66	20.51		
15	16QAM	36	20	20.39	20.50	20.48	21.5	1
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44		
15	64QAM	1	37	20.40	20.41	20.38	21.5	1
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61		
15	64QAM	36	20	19.55	19.62	19.54	20.5	2
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51		
15	256QAM	1	37	17.39	17.52	17.52	18.5	4
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62		
15	256QAM	36	20	17.56	17.65	17.47	18.5	4
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2618		
10	QPSK	1	0	22.15	22.29	22.20	22.5	0
10	QPSK	1	25	22.27	22.11	22.12		
10	QPSK	1	49	22.08	22.22	22.24		
10	QPSK	25	0	22.15	22.27	22.13		
10	QPSK	25	12	22.25	22.23	22.08	22.5	0
10	QPSK	25	25	22.09	22.22	22.10		
10	QPSK	50	0	22.06	22.20	22.11		
10	16QAM	1	0	22.18	22.05	22.23		
10	16QAM	1	25	22.04	22.14	22.13	22.5	0
10	16QAM	1	49	22.14	22.13	22.10		
10	16QAM	25	0	20.56	20.59	20.50		
10	16QAM	25	12	20.37	20.52	20.37	21.5	1
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52		
10	64QAM	1	25	20.38	20.32	20.43	21.5	1
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58		
10	64QAM	25	12	19.55	19.54	19.58	20.5	2
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45		
10	256QAM	1	25	17.50	17.55	17.53	18.5	4
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60		
10	256QAM	25	12	17.48	17.77	17.43	18.5	4
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	22.07	22.29	22.25	22.5	0
5	QPSK	1	12	22.26	22.13	22.07		
5	QPSK	1	24	22.10	22.19	22.20		
5	QPSK	12	0	22.11	22.19	22.12		
5	QPSK	12	7	22.15	22.16	22.13	22.5	0
5	QPSK	12	13	22.17	22.14	22.15		
5	QPSK	25	0	22.05	22.12	22.19		
5	16QAM	1	0	22.13	22.04	22.23		
5	16QAM	1	12	22.10	22.11	22.16	22.5	0
5	16QAM	1	24	22.16	22.08	22.17		
5	16QAM	12	0	20.65	20.64	20.54		
5	16QAM	12	7	20.40	20.51	20.41	21.5	1
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43		
5	64QAM	1	12	20.32	20.36	20.43	21.5	1
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59		
5	64QAM	12	7	19.66	19.60	19.54	20.5	2
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51		
5	256QAM	1	12	17.49	17.50	17.49	18.5	4
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51		
5	256QAM	12	7	17.43	17.76	17.45	18.5	4
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

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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	21.44	21.50	21.53	21.37	21.47	22.5	0
20	QPSK	1	49	21.32	21.33	21.49	21.25	21.41		
20	QPSK	1	99	21.25	21.34	21.38	21.30	21.43		
20	QPSK	50	0	20.64	20.61	20.81	20.77	20.72		
20	QPSK	50	24	20.57	20.67	20.61	20.59	20.66	22	0.5
20	QPSK	50	50	20.55	20.58	20.52	20.73	20.50		
20	QPSK	100	0	20.66	20.78	20.80	20.77	20.67		
20	16QAM	1	0	20.71	20.59	20.69	20.60	20.64		
20	16QAM	1	49	20.67	20.59	20.68	20.69	20.55	22	0.5
20	16QAM	1	99	20.55	20.52	20.44	20.63	20.56		
20	16QAM	50	0	19.67	19.63	19.77	19.81	19.69		
20	16QAM	50	24	19.59	19.56	19.46	19.58	19.57	21	1.5
20	16QAM	50	50	19.63	19.65	19.47	19.64	19.55		
20	16QAM	100	0	19.46	19.51	19.62	19.71	19.52		
20	64QAM	1	0	19.52	19.54	19.65	19.61	19.57		
20	64QAM	1	49	19.51	19.49	19.45	19.52	19.47	21	1.5
20	64QAM	1	99	19.47	19.49	19.48	19.54	19.53		
20	64QAM	50	0	18.63	18.62	18.75	18.78	18.70		
20	64QAM	50	24	18.64	18.68	18.69	18.78	18.60	20	2.5
20	64QAM	50	50	18.49	18.57	18.57	18.71	18.53		
20	64QAM	100	0	18.57	18.52	18.49	18.71	18.64		
20	256QAM	1	0	16.58	16.63	16.62	16.73	16.62		
20	256QAM	1	49	16.64	16.61	16.53	16.73	16.68	18	4.5
20	256QAM	1	99	16.55	16.63	16.61	16.72	16.55		
20	256QAM	50	0	16.65	16.67	16.66	16.74	16.64		
20	256QAM	50	24	16.57	16.57	16.56	16.88	16.52	18	4.5
20	256QAM	50	50	16.47	16.58	16.47	16.69	16.52		
20	256QAM	100	0	16.66	16.58	16.62	16.76	16.69		
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	21.36	21.31	21.34	21.25	21.47	23	0
15	QPSK	1	37	21.30	21.16	21.45	21.22	21.25		
15	QPSK	1	74	21.17	21.17	21.26	21.25	21.28		
15	QPSK	36	0	20.57	20.55	20.70	20.71	20.64		
15	QPSK	36	20	20.44	20.54	20.45	20.48	20.59	22	0.5
15	QPSK	36	39	20.43	20.54	20.43	20.62	20.42		
15	QPSK	75	0	20.56	20.75	20.67	20.65	20.61		
15	16QAM	1	0	20.62	20.45	20.61	20.51	20.49		
15	16QAM	1	37	20.57	20.50	20.55	20.63	20.49	22	0.5
15	16QAM	1	74	20.51	20.45	20.34	20.50	20.41		
15	16QAM	36	0	19.54	19.51	19.64	19.74	19.63		
15	16QAM	36	20	19.56	19.51	19.41	19.49	19.43	21	1.5
15	16QAM	36	39	19.46	19.61	19.41	19.58	19.44		
15	16QAM	75	0	19.39	19.44	19.57	19.67	19.46		
15	64QAM	1	0	19.40	19.45	19.58	19.55	19.50		
15	64QAM	1	37	19.36	19.32	19.38	19.43	19.36	21	1.5
15	64QAM	1	74	19.37	19.45	19.33	19.42	19.44		
15	64QAM	36	0	18.48	18.46	18.59	18.70	18.60		
15	64QAM	36	20	18.48	18.59	18.52	18.67	18.51	20	2.5
15	64QAM	36	39	18.46	18.48	18.41	18.58	18.48		
15	64QAM	75	0	18.54	18.36	18.45	18.60	18.52		
15	256QAM	1	0	16.48	16.56	16.59	16.62	16.49		
15	256QAM	1	37	16.56	16.55	16.38	16.56	16.54	18	4.5
15	256QAM	1	74	16.48	16.55	16.44	16.60	16.49		
15	256QAM	36	0	16.58	16.52	16.52	16.59	16.53		
15	256QAM	36	20	16.47	16.47	16.50	16.72	16.37	18	4.5
15	256QAM	36	39	16.36	16.51	16.42	16.63	16.39		
15	256QAM	75	0	16.62	16.53	16.49	16.62	16.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.29	21.33	21.46	21.27	21.35	23	0
10	QPSK	1	25	21.22	21.26	21.37	21.12	21.33		
10	QPSK	1	49	21.09	21.21	21.29	21.28	21.29		
10	QPSK	25	0	20.60	20.52	20.73	20.65	20.66		
10	QPSK	25	12	20.50	20.64	20.44	20.51	20.55	22	0.5
10	QPSK	25	25	20.47	20.52	20.39	20.67	20.37		
10	QPSK	50	0	20.49	20.69	20.66	20.66	20.51		
10	16QAM	1	0	20.54	20.48	20.58	20.56	20.54		
10	16QAM	1	25	20.62	20.46	20.46	20.65	20.49	22	0.5
10	16QAM	1	49	20.48	20.44	20.29	20.49	20.39		
10	16QAM	25	0	19.63	19.47	19.71	19.75	19.63		
10	16QAM	25	12	19.53	19.42	19.38	19.54	19.42	21	1.5
10	16QAM	25	25	19.48	19.61	19.36	19.55	19.40		
10	16QAM	50	0	19.32	19.38	19.58	19.60	19.37		
10	64QAM	1	0	19.44	19.41	19.55	19.48	19.46		
10	64QAM	1	25	19.47	19.43	19.42	19.49	19.40	21	1.5
10	64QAM	1	49	19.40	19.35	19.33	19.43	19.37		
10	64QAM	25	0	18.53	18.49	18.67	18.74	18.57		
10	64QAM	25	12	18.48	18.54	18.64	18.62	18.51	20	2.5
10	64QAM	25	25	18.39	18.40	18.40	18.56	18.43		
10	64QAM	50	0	18.43	18.40	18.42	18.58	18.48		
10	256QAM	1	0	16.52	16.55	16.50	16.58	16.48		
10	256QAM	1	25	16.50	16.52	16.50	16.61	16.56	18	4.5
10	256QAM	1	49	16.43	16.53	16.51	16.64	16.45		
10	256QAM	25	0	16.51	16.53	16.52	16.63	16.60		
10	256QAM	25	12	16.53	16.50	16.40	16.79	16.39	18	4.5
10	256QAM	25	25	16.43	16.54	16.37	16.61	16.45		
10	256QAM	50	0	16.57	16.49	16.47	16.59	16.61		
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	21.26	21.42	21.38	21.27	21.44	23	0
5	QPSK	1	12	21.16	21.17	21.34	21.20	21.29		
5	QPSK	1	24	21.15	21.26	21.33	21.19	21.31		
5	QPSK	12	0	20.50	20.52	20.73	20.65	20.64		
5	QPSK	12	7	20.53	20.51	20.53	20.44	20.53	22	0.5
5	QPSK	12	13	20.49	20.46	20.38	20.60	20.38		
5	QPSK	25	0	20.61	20.74	20.67	20.64	20.55		
5	16QAM	1	0	20.62	20.55	20.54	20.49	20.57		
5	16QAM	1	12	20.52	20.56	20.48	20.61	20.42	22	0.5
5	16QAM	1	24	20.52	20.37	20.27	20.52	20.40		
5	16QAM	12	0	19.51	19.56	19.63	19.73	19.61		
5	16QAM	12	7	19.44	19.50	19.32	19.42	19.49	21	1.5
5	16QAM	12	13	19.46	19.49	19.35	19.59	19.45		
5	16QAM	25	0	19.42	19.35	19.58	19.55	19.42		
5	64QAM	1	0	19.45	19.41	19.50	19.46	19.51		
5	64QAM	1	12	19.37	19.45	19.41	19.46	19.33	21	1.5
5	64QAM	1	24	19.32	19.40	19.39	19.41	19.39		
5	64QAM	12	0	18.53	18.51	18.69	18.64	18.55		
5	64QAM	12	7	18.51	18.52	18.53	18.73	18.43	20	2.5
5	64QAM	12	13	18.39	18.53	18.48	18.55	18.38		
5	64QAM	25	0	18.40	18.49	18.39	18.60	18.50		
5	256QAM	1	0	16.55	16.47	16.57	16.65	16.50		
5	256QAM	1	12	16.60	16.56	16.41	16.61	16.61	18	4.5
5	256QAM	1	24	16.48	16.47	16.49	16.60	16.41		
5	256QAM	12	0	16.56	16.54	16.54	16.59	16.50		
5	256QAM	12	7	16.45	16.48	16.53	16.78	16.43	18	4.5
5	256QAM	12	13	16.35	16.47	16.31	16.59	16.42		
5	256QAM	25	0	16.58	16.49	16.50	16.61	16.57		

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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	23.01	23.05	23.10	22.97	22.99	24	0
20	QPSK	1	49	22.97	22.89	22.93	22.97	22.93		
20	QPSK	1	99	22.84	22.97	22.92	22.91	23.03		
20	QPSK	50	0	23.01	22.95	23.07	22.96	22.98		
20	QPSK	50	24	22.97	23.02	22.87	22.91	22.89	24	0
20	QPSK	50	50	22.92	23.03	22.86	23.06	22.92		
20	QPSK	100	0	22.99	23.03	23.05	22.95	22.88		
20	16QAM	1	0	22.91	22.91	22.97	22.97	22.87		
20	16QAM	1	49	23.00	23.01	23.01	22.91	22.94	24	0
20	16QAM	1	99	22.98	22.95	22.94	22.90	22.98		
20	16QAM	50	0	23.02	23.02	23.03	22.96	23.01		
20	16QAM	50	24	22.93	23.03	22.90	23.03	22.92	24	0
20	16QAM	50	50	22.98	22.98	22.84	22.98	22.96		
20	16QAM	100	0	22.96	22.99	22.86	22.92	22.94		
20	64QAM	1	0	22.86	22.86	22.85	22.90	23.00		
20	64QAM	1	49	23.00	23.01	22.98	22.94	23.00	24	0
20	64QAM	1	99	22.88	22.96	23.03	22.92	22.96		
20	64QAM	50	0	22.36	22.30	22.36	22.40	22.38		
20	64QAM	50	24	22.20	22.19	22.27	22.14	22.28	23	1
20	64QAM	50	50	22.46	22.45	22.43	22.30	22.36		
20	64QAM	100	0	22.40	22.38	22.48	22.38	22.42		
20	256QAM	1	0	20.71	20.60	20.68	20.65	20.59		
20	256QAM	1	49	20.73	20.70	20.81	20.69	20.74	21	3
20	256QAM	1	99	20.71	20.67	20.75	20.73	20.68		
20	256QAM	50	0	20.68	20.78	20.81	20.78	20.71		
20	256QAM	50	24	20.66	20.60	20.73	20.75	20.77	21	3
20	256QAM	50	50	20.59	20.67	20.68	20.68	20.64		
20	256QAM	100	0	20.77	20.66	20.78	20.68	20.64		
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	22.98	22.91	23.00	22.86	22.83	24	0
15	QPSK	1	37	22.93	22.78	22.92	22.88	22.91		
15	QPSK	1	74	22.78	22.94	22.76	22.90	22.84		
15	QPSK	36	0	22.94	22.88	22.97	22.92	22.84		
15	QPSK	36	20	22.91	22.88	22.68	22.78	22.78	24	0
15	QPSK	36	39	22.88	22.92	22.82	22.97	22.80		
15	QPSK	75	0	22.86	22.92	22.97	22.81	22.83		
15	16QAM	1	0	22.87	22.86	22.87	22.96	22.71		
15	16QAM	1	37	22.99	22.82	22.85	22.83	22.82	24	0
15	16QAM	1	74	22.93	22.91	22.85	22.84	22.87		
15	16QAM	36	0	22.97	22.91	22.96	22.95	23.01		
15	16QAM	36	20	22.75	22.86	22.80	23.00	22.74	24	0
15	16QAM	36	39	22.93	22.93	22.77	22.97	22.84		
15	16QAM	75	0	22.94	22.92	22.70	22.91	22.91		
15	64QAM	1	0	22.77	22.85	22.78	22.80	22.86		
15	64QAM	1	37	22.86	22.97	22.93	22.76	23.00	24	0
15	64QAM	1	74	22.80	22.87	22.99	22.74	22.78		
15	64QAM	36	0	22.27	22.16	22.28	22.23	22.23		
15	64QAM	36	20	22.08	22.02	22.20	22.28	22.24	23	1
15	64QAM	36	39	22.30	22.34	22.43	22.14	22.27		
15	64QAM	75	0	22.25	22.37	22.32	22.31	22.38		
15	256QAM	1	0	20.61	20.48	20.64	20.56	20.40		
15	256QAM	1	37	20.69	20.66	20.76	20.55	20.55	21	3
15	256QAM	1	74	20.70	20.60	20.68	20.72	20.53		
15	256QAM	36	0	20.52	20.63	20.63	20.70	20.62		
15	256QAM	36	20	20.52	20.52	20.61	20.70	20.67	21	3
15	256QAM	36	39	20.51	20.61	20.52	20.49	20.50		
15	256QAM	75	0	20.71	20.47	20.69	20.47	20.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.99	23.03	22.93	22.93	24	0
10	QPSK	1	25	22.88	22.77	22.81	22.83	22.91		
10	QPSK	1	49	22.73	22.86	22.80	22.74	22.98		
10	QPSK	25	0	23.00	22.82	22.90	22.83	22.94		
10	QPSK	25	12	22.78	23.01	22.73	22.86	22.82	24	0
10	QPSK	25	25	22.78	22.92	22.73	22.87	22.84		
10	QPSK	50	0	22.92	23.03	23.03	22.85	22.73		
10	16QAM	1	0	22.86	22.80	22.80	22.83	22.84		
10	16QAM	1	25	22.90	22.83	22.90	22.81	22.80	24	0
10	16QAM	1	49	22.89	22.87	22.80	22.83	22.85		
10	16QAM	25	0	22.90	23.02	22.88	22.94	22.91		
10	16QAM	25	12	22.86	22.88	22.89	22.91	22.86	24	0
10	16QAM	25	25	22.93	22.81	22.77	22.92	22.95		
10	16QAM	50	0	22.87	22.85	22.82	22.83	22.86		
10	64QAM	1	0	22.85	22.69	22.84	22.71	22.80		
10	64QAM	1	25

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BW [MHz]	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	16.54	16.63	16.56		
20	QPSK	1	49	16.39	16.59	16.56	17.5	0
20	QPSK	1	99	16.44	16.42	16.41		
20	QPSK	50	0	16.51	16.61	16.51		
20	QPSK	50	24	16.46	16.50	16.50	17.5	0
20	QPSK	50	50	16.42	16.45	16.42		
20	QPSK	100	0	16.50	16.59	16.55		
20	16QAM	1	0	16.53	16.38	16.41		
20	16QAM	1	49	16.49	16.48	16.42	17.5	0
20	16QAM	1	99	16.44	16.52	16.42		
20	16QAM	50	0	16.39	16.34	16.46		
20	16QAM	50	24	16.51	16.50	16.46	17.5	0
20	16QAM	50	50	16.62	16.60	16.43		
20	16QAM	100	0	16.39	16.41	16.40		
20	64QAM	1	0	16.57	16.67	16.46		
20	64QAM	1	49	16.43	16.50	16.56	17.5	0
20	64QAM	1	99	16.52	16.48	16.45		
20	64QAM	50	0	16.41	16.48	16.42		
20	64QAM	50	24	15.43	16.37	16.50	17.5	0
20	64QAM	50	50	16.51	16.49	16.46		
20	64QAM	100	0	16.43	16.58	16.51		
20	256QAM	1	0	16.22	16.20	16.18		
20	256QAM	1	49	16.21	16.08	16.15	17	0.5
20	256QAM	1	99	16.02	16.12	16.11		
20	256QAM	50	0	16.22	16.02	16.23		
20	256QAM	50	24	16.16	16.03	16.04	17	0.5
20	256QAM	50	50	15.93	15.93	15.99		
20	256QAM	100	0	16.13	16.09	16.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.40	16.55	16.43		
15	QPSK	1	37	16.35	16.47	16.43	17.5	0
15	QPSK	1	74	16.38	16.33	16.33		
15	QPSK	36	0	16.41	16.47	16.38		
15	QPSK	36	20	16.31	16.37	16.41	17.5	0
15	QPSK	36	39	16.33	16.30	16.34		
15	QPSK	75	0	16.42	16.51	16.44		
15	16QAM	1	0	16.44	16.31	16.33		
15	16QAM	1	37	16.39	16.33	16.31	17.5	0
15	16QAM	1	74	16.36	16.47	16.27		
15	16QAM	36	0	16.26	16.28	16.39		
15	16QAM	36	20	16.40	16.37	16.33	17.5	0
15	16QAM	36	39	16.50	16.48	16.32		
15	16QAM	75	0	16.25	16.33	16.32		
15	64QAM	1	0	16.46	16.43	16.37		
15	64QAM	1	37	16.37	16.42	16.48	17.5	0
15	64QAM	1	74	16.39	16.44	16.36		
15	64QAM	36	0	16.30	16.39	16.31		
15	64QAM	36	20	16.36	16.41	16.41	17.5	0
15	64QAM	36	39	16.37	16.35	16.36		
15	64QAM	75	0	16.28	16.43	16.37		
15	256QAM	1	0	16.31	16.31	16.16		
15	256QAM	1	37	16.20	16.22	16.07	17	0.5
15	256QAM	1	74	15.98	16.08	16.07		
15	256QAM	36	0	16.09	16.05	16.13		
15	256QAM	36	20	16.20	16.05	15.96	17	0.5
15	256QAM	36	39	16.03	15.88	16.06		
15	256QAM	75	0	16.02	16.02	16.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.45	16.47	16.48		
10	QPSK	1	25	16.23	16.47	16.51	17.5	0
10	QPSK	1	49	16.35	16.27	16.37		
10	QPSK	25	0	16.40	16.53	16.38		
10	QPSK	25	12	16.37	16.43	16.37	17.5	0
10	QPSK	25	25	16.31	16.33	16.31		
10	QPSK	50	0	16.40	16.49	16.48		
10	16QAM	1	0	16.44	16.28	16.35		
10	16QAM	1	25	16.34	16.43	16.35	17.5	0
10	16QAM	1	49	16.34	16.26	16.26		
10	16QAM	25	0	16.27	16.22	16.32		
10	16QAM	25	12	16.36	16.38	16.40	17.5	0
10	16QAM	25	25	16.49	16.45	16.30		
10	16QAM	50	0	16.26	16.33	16.29		
10	64QAM	1	0	16.44	16.46	16.38		
10	64QAM	1	25	16.30	16.36	16.50	17.5	0
10	64QAM	1	49	16.45	16.43	16.36		
10	64QAM	25	0	16.26	16.31	16.37		
10	64QAM	25	12	16.30	16.30	16.46	17.5	0
10	64QAM	25	25	16.38	16.39	16.37		
10	64QAM	50	0	16.36	16.49	16.44		
10	256QAM	1	0	16.16	16.17	16.13		
10	256QAM	1	25	16.14	16.25	16.05	17	0.5
10	256QAM	1	49	16.02	16.00	16.10		
10	256QAM	25	0	16.07	16.19	16.13		
10	256QAM	25	12	16.17	16.01	16.03	17	0.5
10	256QAM	25	25	16.01	16.05	15.99		
10	256QAM	50	0	16.16	16.03	16.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.43	16.50	16.42		
5	QPSK	1	12	16.28	16.43	16.43	17.5	0
5	QPSK	1	24	16.29	16.30	16.27		
5	QPSK	12	0	16.37	16.55	16.43		
5	QPSK	12	7	16.41	16.37	16.45	17.5	0
5	QPSK	12	13	16.30	16.34	16.29		
5	QPSK	25	0	16.39	16.47	16.41		
5	16QAM	1	0	16.48	16.28	16.33		
5	16QAM	1	12	16.33	16.38	16.28	17.5	0
5	16QAM	1	24	16.34	16.47	16.31		
5	16QAM	12	0	16.32	16.21	16.31		
5	16QAM	12	7	16.46	16.36	16.37	17.5	0
5	16QAM	12	13	16.41	16.38	16.38		
5	16QAM	25	0	16.26	16.27	16.27		
5	64QAM	1	0	16.42	16.50	16.40		
5	64QAM	1	12	16.31	16.37	16.42	17.5	0
5	64QAM	1	24	16.30	16.41	16.39		
5	64QAM	12	0	16.33	16.36	16.29		
5	64QAM	12	7	16.38	16.32	16.37	17.5	0
5	64QAM	12	13	16.41	16.41	16.34		
5	64QAM	25	0	16.31	16.39	16.39		
5	256QAM	1	0	16.15	16.27	16.20		
5	256QAM	1	12	16.25	16.18	15.97	17	0.5
5	256QAM	1	24	16.07	16.00	16.09		
5	256QAM	12	0	16.16	16.23	16.05		
5	256QAM	12	7	16.07	15.99	16.09	17	0.5
5	256QAM	12	13	15.94	15.93	15.95		
5	256QAM	25	0	16.06	16.18	16.04		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.48	16.56	16.46		
3	QPSK	1	8	16.33	16.48	16.41	17.5	0
3	QPSK	1	14	16.40	16.35	16.30		
3	QPSK	8	0	16.41	16.43	16.56		
3	QPSK	8	4	16.31	16.43	16.35	17.5	0
3	QPSK	8	7	16.32	16.37	16.35		
3	QPSK	15	0	16.43	16.51	16.44		
3	16QAM	1	0	16.29	16.39	16.29		
3	16QAM	1	8	16.39	16.37	16.34	17.5	0
3	16QAM	1	14	16.31	16.40	16.37		
3	16QAM	8	0	16.25	16.18	16.33		
3	16QAM	8	4	16.47	16.42	16.30	17.5	0
3	16QAM	8	7	16.54	16.52	16.30		
3	16QAM	15	0	16.32	16.32	16.24		
3	64QAM	1	0	16.50	16.44	16.35		
3	64QAM	1	8	16.36	16.45	16.40	17.5	0
3	64QAM	1	14	16.37	16.36	16.37		
3	64QAM	8	0	16.27	16.35	16.37		
3	64QAM	8	4	16.37	16.29	16.44	17.5	0
3	64QAM	8	7	16.36	16.35	16.36		
3	64QAM	15	0	16.36	16.53	16.43		
3	256QAM	1	0	16.23	16.30	16.15		
3	256QAM	1	8	16.24	16.11	16.00	17	0.5
3	256QAM	1	14	16.03	16.08	15.98		
3	256QAM	8	0	16.12	16.12	16.17		
3	256QAM	8	4	16.19	16.00	16.11	17	0.5
3	256QAM	8	7	15.92	15.99	15.92		
3	256QAM	15	0	16.09	16.07	16.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.47	16.56	16.47		
1.4	QPSK	1	3	16.29	16.51	16.51	17.5	0
1.4	QPSK	1	5	16.40	16.31	16.09		
1.4	QPSK	3	0	16.42	16.55	16.38		
1.4	QPSK	3	1	16.36	16.41	16.45		
1.4	QPSK	3	3	16.36	16.39	16.31		
1.4	QPSK	6	0	16.42	16.53	16.50	17.5	0
1.4	16QAM	1	0	16.42	16.34	16.34		
1.4	16QAM	1	3	16.39	16.43	16.29		
1.4	16QAM	1	5	16.28	16.39	16.34	17.5	0
1.4	16QAM	3	0	16.32	16.28	16.42		
1.4	16QAM	3	1	16.40	16.41	16.30		
1.4	16QAM	3	3	16.49	16.49	16.37		
1.4	16QAM	6	0	16.32	16.37	16.30	17.5	0
1.4	64QAM	1	0	16.47	16.45	16.41		
1.4	64QAM	1	3	16.34	16.41	16.50		
1.4	64QAM	1	5	16.45	16.37	16.31	17.5	0
1.4	64QAM	3	0	16.28	16.41	16.30		
1.4	64QAM	3	1	16.26	16.26	16.45		
1.4	64QAM	3	3	16.47	16.50	16.34		
1.4	64QAM	6	0	16.33	16.47	16.41	17.5	0
1.4	256QAM	1	0	16.12	16.22	16.09		
1.4	256QAM	1	3	15.93	15.96	16.05		
1.4	256QAM	1	5	16.03	16.12	16.09	17	0.5
1.4	256QAM	3	0	16.01	15.97	16.11		
1.4	256QAM	3	1	15.87	15.90	15.82		
1.4	256QAM	3	3	15.98	16.12	16.07		
1.4	256QAM	6	0	15.94	16.09	16.09	17	0.5

Band 2 Ant 4 DSI3 sig path:347

BW [MHz]	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	17.21	17.33	17.18		
20	QPSK	1	49	17.24	17.27	17.23	17.5	0
20	QPSK	1	99	17.11	17.21	17.02		
20	QPSK	50	0	17.23	17.27	17.16		
20	QPSK	50	24	17.10	17.12	17.07	17.5	0
20	QPSK	50	50	17.26	17.22	17.19		
20	QPSK	100	0	17.16	17.24	17.22		
20	16QAM	1	0	17.16	17.12	17.14		
20	16QAM	1	49	17.14	17.14	17.12	17.5	0
20	16QAM	1	99	17.13	17.20	17.18		
20	16QAM	50	0	17.17	17.21	17.06		
20	16QAM	50	24	17.11	17.16	17.19	17.5	0
20	16QAM	50	50	17.16	17.21	17.08		
20	16QAM	100	0	17.15	17.20	17.31		
20	64QAM	1	0	17.16	17.14	17.20		
20	64QAM	1	49	17.18	17.08	17.14	17.5	0
20	64QAM	1	99	17.25	17.28	17.23		
20	64QAM	50	0	17.16	17.11	17.15		
20	64QAM	50	24	17.13	17.14	17.28	17.5	0
20	64QAM	50	50	17.15	17.20	17.21		
20	64QAM	100	0	17.13	17.15	17.15		
20	256QAM	1	0	16.73	16.72	16.82		
20	256QAM	1	49	16.79	16.80	16.77	17	0.5
20	256QAM	1	99	16.63	16.67	16.74		
20	256QAM	50	0	16.59	16.54	16.74		
20	256QAM	50	24	16.70	16.56	16.58	17	0.5
20	256QAM	50	50	16.52	16.56	16.53		
20	256QAM	100	0	16.60	16.71	16.50		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	17.16	17.24	17.12		
15	QPSK	1	37	17.05	17.27	17.06	17.5	0
15	QPSK	1	74	17.05	17.07	17.07		
15	QPSK	36	0	17.22	17.09	17.02		
15	QPSK	36	20	17.06	17.06	16.90	17.5	0
15	QPSK	36	39	17.20	17.12	17.12		
15	QPSK	75	0	17.09	17.14	17.21		
15	16QAM	1	0	17.03	17.02	17.07		
15	16QAM	1	37	17.13	16.94	16.98	17.5	0
15	16QAM	1	74	16.98	17.05	17.17		
15	16QAM	36	0	17.05	17.17	16.96		
15	16QAM	36	20	17.02	16.96	17.02	17.5	0
15	16QAM	36	39	17.00	17.08	17.01		
15	16QAM	75	0	17.13	17.00	17.30		
15	64QAM	1	0	17.04	17.04	17.11		
15	64QAM	1	37	17.08	16.95	16.95	17.5	0
15	64QAM	1	74	17.14	17.13	17.08		
15	64QAM	36	0	17.09	17.01	16.97		
15	64QAM	36	20	16.96	16.96	17.22	17.5	0
15	64QAM	36	39	16.99	17.20	17.18		
15	64QAM	75	0	16.99	16.98	17.01		
15	256QAM	1	0	16.72	16.75	16.91		
15	256QAM	1	37	16.78	16.68	16.68	17	0.5
15	256QAM	1	74	16.63	16.70	16.73		
15	256QAM	36	0	16.64	16.67	16.78		
15	256QAM	36	20	16.59	16.65	16.57	17	0.5
15	256QAM	36	39	16.56	16.57	16.49		
15	256QAM	75	0	16.60	16.72	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.05	17.28	17.02		
10	QPSK	1	25	17.22	17.21	17.11	17.5	0
10	QPSK	1	49	17.02	17.16	16.94		
10	QPSK	25	0	17.16	17.23	17.09		
10	QPSK	25	12	16.97	17.07	17.02	17.5	0
10	QPSK	25	25	17.10	17.08	17.15		
10	QPSK	50	0	17.08	17.19	17.03		
10	16QAM	1	0	17.03	16.99	17.03		
10	16QAM	1	25	17.09	17.10	16.96	17.5	0
10	16QAM	1	49	17.12	17.04	17.01		
10	16QAM	25	0	17.05	17.06	16.93		
10	16QAM	25	12	17.11	17.16	17.02	17.5	0
10	16QAM	25	25	16.99	17.07	16.98		
10	16QAM	50	0	17.14	17.04	17.28		
10	64QAM	1	0	16.98	17.01	17.15		
10	64QAM	1	25	17.17	16.90	16.98	17.5	0
10	64QAM	1	49	17.19	17.26	17.21		
10	64QAM	25	0	17.12	16.92	17.04		
10	64QAM	25	12	17.04	16.95	17.08	17.5	0
10	64QAM	25	25	17.08	17.17	17.20		
10	64QAM	50	0	17.05	17.04	17.04		
10	256QAM	1	0	16.78	16.76	16.86		
10	256QAM	1	25	16.72	16.70	16.71	17	0.5
10	256QAM	1	49	16.62	16.70	16.69		
10	256QAM	25	0	16.67	16.65	16.63		
10	256QAM	25	12	16.69	16.58	16.55	17	0.5
10	256QAM	25	25	16.46	16.57	16.48		
10	256QAM	50	0	16.61	16.60	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.05	17.15	17.09		
5	QPSK	1	12	17.22	17.16	17.16	17.5	0
5	QPSK	1	24	16.99	17.11	17.04		
5	QPSK	12	0	17.08	17.19	16.96		
5	QPSK	12	7	17.10	17.07	16.91	17.5	0
5	QPSK	12	13	17.07	17.14	17.09		
5	QPSK	25	0	17.02	17.06	17.17		
5	16QAM	1	0	17.13	17.01	17.04		
5	16QAM	1	12	17.13	16.97	16.93	17.5	0
5	16QAM	1	24	17.02	17.07	17.07		
5	16QAM	12	0	16.98	17.13	17.01		
5	16QAM	12	7	17.07	17.00	17.03	17.5	0
5	16QAM	12	13	16.99	17.14	16.98		
5	16QAM	25	0	16.99	17.14	17.28		
5	64QAM	1	0	17.09	16.95	17.04		
5	64QAM	1	12	17.14	17.07	17.03	17.5	0
5	64QAM	1	24	17.19	17.02	17.04		
5	64QAM	12	0	17.15	16.91	17.05		
5	64QAM	12	7	17.11	17.01	17.24	17.5	0
5	64QAM	12	13	17.05	17.02	17.13		
5	64QAM	25	0	17.05	17.04	17.11		
5	256QAM	1	0	16.76	16.78	16.90		
5	256QAM	1	12	16.80	16.80	16.76	17	0.5
5	256QAM	1	24	16.75	16.74	16.77		
5	256QAM	12	0	16.59	16.65	16.72		
5	256QAM	12	7	16.60	16.58	16.53	17	0.5
5	256QAM	12	13	16.53	16.61	16.60		
5	256QAM	25	0	16.62	16.68	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.11	17.22	17.14		
3	QPSK	1	8	17.19	17.09	17.10	17.5	0
3	QPSK	1	14	17.08	17.05	16.96		
3	QPSK	8	0	17.15	17.20	17.06		
3	QPSK	8	4	17.02	16.94	16.96	17.5	0
3	QPSK	8	7	17.24	17.02	17.03		
3	QPSK	15	0	17.12	17.07	17.13		
3	16QAM	1	0	17.14	16.96	17.02		
3	16QAM	1	8	16.96	16.99	17.11	17.5	0
3	16QAM	1	14	16.95	17.01	17.10		
3	16QAM	8	0	17.16	17.01	16.87		
3	16QAM	8	4	16.98	17.16	17.17	17.5	0
3	16QAM	8	7	17.11	17.20	16.92		
3	16QAM	15	0	16.99	17.03	17.25		
3	64QAM	1	0	17.08	17.13	17.14		
3	64QAM	1	8	17.03	16.90	17.05	17.5	0
3	64QAM	1	14	17.11	17.17	17.20		
3	64QAM	8	0	17.13	16.95	16.97		
3	64QAM	8	4	17.05	16.98	17.12	17.5	0
3	64QAM	8	7	16.96	17.18	17.12		
3	64QAM	15	0	17.05	17.05	16.99		
3	256QAM	1	0	16.81	16.76	16.84		
3	256QAM	1	8	16.75	16.79	16.78	17	0.5
3	256QAM	1	14	16.67	16.71	16.78		
3	256QAM	8	0	16.64	16.69	16.77		
3	256QAM	8	4	16.54	16.54	16.57	17	0.5
3	256QAM	8	7	16.46	16.57	16.47		
3	256QAM	15	0	16.52	16.65	16.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.13	17.32	17.08		
1.4	QPSK	1	3	17.13	17.12	17.03	17.5	0
1.4	QPSK	1	5	17.05	17.10	17.00		
1.4	QPSK	3	0	17.04	17.13	16.98		
1.4	QPSK	3	1	16.91	17.11	16.94		
1.4	QPSK	3	3	17.24	17.09	17.14		
1.4	QPSK	6	0	17.09	17.22	17.20	17.5	0
1.4	16QAM	1	0	17.01	17.02	17.13		
1.4	16QAM	1	3	17.08	16.99	16.95		
1.4	16QAM	1	5	17.07	17.13	17.08	17.5	0
1.4	16QAM	3	0	16.99	17.19	16.91		
1.4	16QAM	3	1	16.92	16.99	17.11		
1.4	16QAM	3	3	17.13	17.08	17.01		
1.4	16QAM	6	0	16.95	17.06	17.29	17.5	0
1.4	64QAM	1	0	17.02	17.03	17.17		
1.4	64QAM	1	3	17.09	16.96	17.08		
1.4	64QAM	1	5	17.22	17.18	17.22	17.5	0
1.4	64QAM	3	0	17.00	16.92	17.05		
1.4	64QAM	3	1	17.11	16.99	17.12		
1.4	64QAM	3	3	17.10	17.20	17.17		
1.4	64QAM	6	0	16.99	17.09	17.00	17.5	0
1.4	256QAM	1	0	16.69	16.67	16.72		
1.4	256QAM	1	3	16.66	16.68	16.58		
1.4	256QAM	1	5	16.53	16.64	16.51	17	0.5
1.4	256QAM	3	0	16.43	16.58	16.58		
1.4	256QAM	3	1	16.58	16.48	16.50		
1.4	256QAM	3	3	16.36	16.48	16.56		
1.4	256QAM	6	0	16.58	16.48	16.42	17	0.5

Band 4 Ant 4 DSI3

BW [MHz]	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	18.48	18.68	18.60		
20	QPSK	1	49	18.61	18.52	18.63	19.5	0
20	QPSK	1	99	18.51	18.53	18.49		
20	QPSK	50	0	18.61	18.63	18.60		
20	QPSK	50	24	18.58	18.53	18.43	19.5	0
20	QPSK	50	50	18.54	18.56	18.57		
20	QPSK	100	0	18.52	18.57	18.49		
20	16QAM	1	0	18.54	18.51	18.50		
20	16QAM	1	49	18.57	18.52	18.56	19.5	0
20	16QAM	1

Band 12 Ant 4 DSI3

BW [MHz]	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	22.63	22.69	22.60		
10	QPSK	1	25	22.55	22.57	22.59	23.5	0
10	QPSK	6	49	22.54	22.63	22.62		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	0.5
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	22.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	0.5
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	1.5
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	1.5
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	2.5
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	4.5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	4.5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.59	22.53		
5	QPSK	1	12	22.41	22.51	22.52	23.5	0
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	0.5
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	0.5
5	16QAM	1	24	21.66	21.63	21.36		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	1.5
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	1.5
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	2.5
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.40	17.52	19	4.5
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	4.5
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.51	22.63	22.54		
3	QPSK	1	8	22.46	22.52	22.41	23.5	0
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	0.5
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	0.5
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	1.5
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	1.5
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	2.5
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	4.5
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	4.5
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.53	22.53		
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46	23.5	0
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	0.5
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	0.5
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	1.5
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	1.5
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	2.5
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	4.5
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	4.5

Band 12 Ant 4 DSI3 sig path:300

BW [MHz]	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	22.88	22.92	22.85		
10	QPSK	1	25	22.83	22.78	22.90	23.5	0
10	QPSK	6	49	22.78	22.84	22.91		
10	QPSK	25	0	21.85	21.89	21.88		
10	QPSK	25	12	21.83	21.80	21.76	23	0.5
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.87	21.83		
10	16QAM	1	0	21.99	22.03	21.83		
10	16QAM	1	25	22.02	21.92	21.89	23	0.5
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.90	20.87	22	1.5
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.91	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	1.5
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	2.5
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	4.5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	4.5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.82	22.80	22.76		
5	QPSK	1	12	22.75	22.76	22.87	23.5	0
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	21.79	21.85	21.77		
5	QPSK	12	7	21.78	21.76	21.67	23	0.5
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.96	21.75		
5	16QAM	1	12	21.99	21.87	21.77	23	0.5
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	1.5
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	1.5
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	2.5
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	4.5
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	4.5
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.80	22.75	22.75		
3	QPSK	1	8	22.70	22.76	22.76	23.5	0
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	21.78	21.85	21.85		
3	QPSK	8	4	21.70	21.64	21.83	23	0.5
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	0.5
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	1.5
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	1.5
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	2.5
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	4.5
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	4.5
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.87	22.78	22.82		
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76	23.5	0
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	0.5
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	0.5
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	1.5
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	1.5
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	2.5
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	4.5
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	4.5

Band 13 Ant 4 DSI3

BW [MHz]	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		22.78			
10	QPSK	1	25		22.65		23.5	0
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72			
10	QPSK	25	12		21.68		23	0.5
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85			
10	16QAM	1	25		21.77		23	0.5
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	1.5
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	1.5
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	2.5
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	4.5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	4.5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.71	22.67		
5	QPSK	1	12	22.61	22.56	22.57	23.5	0
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62		
5	QPSK	12	7	21.61	21.54	21.58	23	0.5
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76		
5	16QAM	1	12	21.63	21.64	21.73	23	0.5
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	1.5
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	1.5
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	2.5
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	4.5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	4.5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI3 sig path:378

BW [MHz]	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		22.51			
10	QPSK	1	25		22.50		23.5	0
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.45		23	0.5
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69			
10	16QAM	1	25		21.52		23	0.5
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	1.5
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	1.5
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	2.5
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	4.5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	4.5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.45	22.36		
5	QPSK	1	12	22.46	22.39	22.41	23.5	0
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37		
5	QPSK	12	7	21.40	21.39	21.36	23	0.5
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62		
5	16QAM	1	12	21.47	21.42	21.43	23	0.5
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	1.5
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	1.5
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	2.5
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	4.5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	4.5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI3 sig path:381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 17 Ant 4 DSI3

BW [MHz]	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	22.72	22.76	22.73	23.5	0
10	QPSK	1	25	22.70	22.75	22.72		
10	QPSK	1	49	22.69	22.74	22.71		
10	QPSK	25	0	21.74	21.75	21.71	22.5	1
10	QPSK	25	12	21.59	21.68	21.52		
10	QPSK	25	25	21.57	21.62	21.57		
10	QPSK	50	0	21.64	21.73	21.68		
10	16QAM	1	0	21.95	21.87	21.96	22.5	1
10	16QAM	1	25	21.83	21.82	21.75		
10	16QAM	1	49	21.84	21.81	21.84		
10	16QAM	25	0	20.68	20.66	20.66	21.5	2
10	16QAM	25	12	20.52	20.51	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.50	21.5	2
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	20.5	3
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	18.5	5
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.46	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	18.5	5
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.48	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.69	22.64	22.65	23.5	0
5	QPSK	1	12	22.68	22.69	22.64		
5	QPSK	1	24	22.54	22.65	22.52		
5	QPSK	12	0	21.65	21.72	21.65	22.5	1
5	QPSK	12	7	21.49	21.48	21.39		
5	QPSK	12	13	21.46	21.57	21.55		
5	QPSK	25	0	21.57	21.59	21.50		
5	16QAM	1	0	21.86	21.85	21.95	22.5	1
5	16QAM	1	12	21.70	21.64	21.61		
5	16QAM	1	24	21.71	21.74	21.79		
5	16QAM	12	0	20.67	20.52	20.55	21.5	2
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.44	20.45		
5	64QAM	1	0	20.31	20.47	20.44	21.5	2
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	20.5	3
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	18.5	5
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	18.5	5
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.46	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

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BW [MHz]	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	16.60	16.79	16.72	17.5	0
20	QPSK	1	49	16.64	16.75	16.65		
20	QPSK	1	99	16.56	16.71	16.55		
20	QPSK	50	0	16.66	16.75	16.59		
20	QPSK	50	24	16.70	16.66	16.70	17.5	0
20	QPSK	50	50	16.66	16.69	16.56		
20	QPSK	100	0	16.63	16.71	16.67		
20	16QAM	1	0	16.62	16.61	16.64	17.5	0
20	16QAM	1	49	16.62	16.72	16.71		
20	16QAM	1	99	16.60	16.74	16.60		
20	16QAM	50	0	16.71	16.53	16.64		
20	16QAM	50	24	16.67	16.70	16.64		
20	16QAM	50	50	16.78	16.73	16.63		
20	16QAM	100	0	16.66	16.74	16.57		
20	64QAM	1	0	16.66	16.65	16.68	17.5	0
20	64QAM	1	49	16.60	16.68	16.74		
20	64QAM	1	99	16.55	16.68	16.71		
20	64QAM	50	0	16.71	16.65	16.65		
20	64QAM	50	24	16.72	16.53	16.74		
20	64QAM	50	50	16.62	16.66	16.62		
20	64QAM	100	0	16.65	16.75	16.57		
20	256QAM	1	0	16.30	16.22	16.16	17	0.5
20	256QAM	1	49	16.27	16.12	16.23		
20	256QAM	1	99	16.01	16.08	16.07		
20	256QAM	50	0	16.16	16.04	16.22	17	0.5
20	256QAM	50	24	16.21	16.09	16.05		
20	256QAM	50	50	15.98	15.93	15.84		
20	256QAM	100	0	16.21	16.03	15.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.47	16.74	16.57	17.5	0
15	QPSK	1	37	16.51	16.60	16.54		
15	QPSK	1	74	16.49	16.58	16.40		
15	QPSK	36	0	16.61	16.62	16.52	17.5	0
15	QPSK	36	20	16.63	16.55	16.66		
15	QPSK	36	39	16.50	16.60	16.49		
15	QPSK	75	0	16.47	16.61	16.59		
15	16QAM	1	0	16.55	16.49	16.56	17.5	0
15	16QAM	1	37	16.54	16.67	16.59		
15	16QAM	1	74	16.49	16.58	16.46		
15	16QAM	36	0	16.61	16.48	16.57	17.5	0
15	16QAM	36	20	16.53	16.58	16.57		
15	16QAM	36	39	16.67	16.62	16.57		
15	16QAM	75	0	16.57	16.69	16.51		
15	64QAM	1	0	16.55	16.52	16.58	17.5	0
15	64QAM	1	37	16.51	16.63	16.68		
15	64QAM	1	74	16.40	16.61	16.57		
15	64QAM	36	0	16.64	16.55	16.59	17.5	0
15	64QAM	36	20	16.64	16.41	16.66		
15	64QAM	36	39	16.54	16.54	16.57		
15	64QAM	75	0	16.55	16.64	16.48		
15	256QAM	1	0	16.20	15.99	15.88	17	0.5
15	256QAM	1	37	16.05	15.95	16.11		
15	256QAM	1	74	15.91	15.89	15.93		
15	256QAM	36	0	15.98	15.89	16.05	17	0.5
15	256QAM	36	20	15.97	15.85	15.91		
15	256QAM	36	39	16.03	16.12	16.02		
15	256QAM	75	0	16.00	15.81	15.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.44	16.63	16.60	17.5	0
10	QPSK	1	25	16.49	16.63	16.57		
10	QPSK	1	49	16.49	16.53	16.50		
10	QPSK	25	0	16.58	16.65	16.44	17.5	0
10	QPSK	25	12	16.57	16.60	16.58		
10	QPSK	25	25	16.51	16.64	16.43		
10	QPSK	50	0	16.48	16.61	16.61		
10	16QAM	1	0	16.49	16.49	16.58	17.5	0
10	16QAM	1	25	16.52	16.58	16.63		
10	16QAM	1	49	16.50	16.69	16.53		
10	16QAM	25	0	16.63	16.37	16.56	17.5	0
10	16QAM	25	12	16.53	16.54	16.57		
10	16QAM	25	25	16.64	16.66	16.55		
10	16QAM	50	0	16.57	16.58	16.47		
10	64QAM	1	0	16.59	16.50	16.49	17.5	0
10	64QAM	1	25	16.55	16.64	16.64		
10	64QAM	1	49	16.46	16.54	16.57		
10	64QAM	25	0	16.64	16.57	16.52	17.5	0
10	64QAM	25	12	16.58	16.37	16.63		
10	64QAM	25	25	16.49	16.52	16.56		
10	64QAM	50	0	16.51	16.61	16.47		
10	256QAM	1	0	16.11	16.01	15.93	17	0.5
10	256QAM	1	25	15.98	16.00	16.10		
10	256QAM	1	49	15.80	16.09	15.95		
10	256QAM	25	0	16.04	16.06	15.99	17	0.5
10	256QAM	25	12	16.02	15.94	15.84		
10	256QAM	25	25	16.05	16.09	15.96		
10	256QAM	50	0	16.23	16.06	16.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.48	16.72	16.68	17.5	0
5	QPSK	1	12	16.52	16.69	16.50		
5	QPSK	1	24	16.48	16.50	16.45		
5	QPSK	12	0	16.56	16.62	16.47	17.5	0
5	QPSK	12	7	16.57	16.62	16.65		
5	QPSK	12	13	16.62	16.63	16.41		
5	QPSK	25	0	16.59	16.55	16.61		
5	16QAM	1	0	16.57	16.47	16.58	17.5	0
5	16QAM	1	12	16.52	16.58	16.58		
5	16QAM	1	24	16.53	16.67	16.50		
5	16QAM	12	0	16.58	16.47	16.56	17.5	0
5	16QAM	12	7	16.61	16.55	16.49		
5	16QAM	12	13	16.72	16.69	16.52		
5	16QAM	25	0	16.60	16.59	16.41		
5	64QAM	1	0	16.59	16.52	16.54	17.5	0
5	64QAM	1	12	16.52	16.58	16.66		
5	64QAM	1	24	16.46	16.56	16.55		
5	64QAM	12	0	16.64	16.50	16.58	17.5	0
5	64QAM	12	7	16.58	16.45	16.60		
5	64QAM	12	13	16.47	16.58	16.53		
5	64QAM	25	0	16.61	16.63	16.46		
5	256QAM	1	0	16.05	16.29	15.98	17	0.5
5	256QAM	1	12	16.01	16.17	15.99		
5	256QAM	1	24	16.34	16.15	16.12		
5	256QAM	12	0	15.92	16.14	15.98	17	0.5
5	256QAM	12	7	16.04	16.17	16.16		
5	256QAM	12	13	16.11	16.11	16.12		
5	256QAM	25	0	16.03	16.19	16.15		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.49	16.67	16.64	17.5	0
3	QPSK	1	8	16.58	16.66	16.56		
3	QPSK	1	14	16.44	16.49	16.46		
3	QPSK	8	0	16.60	16.70	16.50	17.5	0
3	QPSK	8	4	16.64	16.61	16.60		
3	QPSK	8	7	16.54	16.54	16.50		
3	QPSK	15	0	16.56	16.65	16.59		
3	16QAM	1	0	16.55	16.45	16.59	17.5	0
3	16QAM	1	8	16.50	16.67	16.66		
3	16QAM	1	14	16.51	16.68	16.51		
3	16QAM	8	0	16.64	16.43	16.52	17.5	0
3	16QAM	8	4	16.52	16.61	16.52		
3	16QAM	8	7	16.72	16.69	16.51		
3	16QAM	15	0	16.60	16.68	16.51		
3	64QAM	1	0	16.54	16.54	16.50	17.5	0
3	64QAM	1	8	16.53	16.62	16.63		
3	64QAM	1	14	16.47	16.63	16.65		
3	64QAM	8	0	16.57	16.58	16.56	17.5	0
3	64QAM	8	4	16.59	16.46	16.59		
3	64QAM	8	7	16.51	16.57	16.50		
3	64QAM	15	0	16.56	16.69	16.41		
3	256QAM	1	0	16.11	16.07	16.04	17	0.5
3	256QAM	1	8	16.14	16.01	15.93		
3	256QAM	1	14	16.07	16.15	16.14		
3	256QAM	8	0	16.29	16.04	16.34	17	0.5
3	256QAM	8	4	16.01	15.80	15.92		
3	256QAM	8	7	15.78	15.64	15.62		
3	256QAM	15	0	15.91	15.89	15.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.51	16.74	16.59	17.5	0
1.4	QPSK	1	3	16.52	16.60	16.56		
1.4	QPSK	1	5	16.44	16.51	16.47		
1.4	QPSK	3	0	16.61	16.62	16.55		
1.4	QPSK	3	1	16.58	16.50	16.56		
1.4	QPSK	3	3	16.56	16.57	16.47		
1.4	QPSK	6	0	16.58	16.63	16.63	17.5	0
1.4	16QAM	1	0	16.56	16.50	16.55	17.5	0
1.4	16QAM	1	3	16.47	16.65	16.58		
1.4	16QAM	1	5	16.55	16.63	16.48		
1.4	16QAM	3	0	16.57	16.37	16.55		
1.4	16QAM	3	1	16.51	16.66	16.57		
1.4	16QAM	3	3	16.73	16.66	16.53		
1.4	16QAM	6	0	16.53	16.59	16.48	17.5	0
1.4	64QAM	1	0	16.63	16.52	16.50	17.5	0
1.4	64QAM	1	3	16.53	16.55	16.60		
1.4	64QAM	1	5	16.48	16.55	16.55		
1.4	64QAM	3	0	16.64	16.61	16.56		
1.4	64QAM	3	1	16.64	16.49	16.66		
1.4	64QAM	3	3	16.53	16.58	16.49		
1.4	64QAM	6	0	16.57	16.64	16.50	17.5	0
1.4	256QAM	1	0	16.16	16.03	15.90	17	0.5
1.4	256QAM	1	3	16.09	15.88	15.96		
1.4	256QAM	1	5	16.09	15.94	15.95		
1.4	256QAM	3	0	16.19	16.19	16.09		
1.4	256QAM	3	1	16.04	16.14	15.87		
1.4	256QAM	3	3	16.07	16.27	16.29		
1.4	256QAM	6	0	16.10	15.85	16.37	17	0.5

Band 26 for FCC Ant 4 DSI3

BW [MHz]	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	22.63	22.69	22.60	24	0
15	QPSK	1	37	22.63	22.67	22.68		
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55	23	1
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.55	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	1
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	2
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	2
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	3
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47	24	0
10	QPSK	1	25	22.60	22.59	22.66		
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38	23	1
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	1
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	2
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	2
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	3
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	5
10	256QAM	1	25	17.46	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.51	22.51	24	0
5	QPSK	1	12	22.46	22.52	22.50		
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49	23	1
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.48	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	1
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	2
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	2
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	3
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.44	22.63	22.50	24	0
3	QPSK	1	8	22.57	22.48	22.49		
3	QPSK	1	14	22.42	22.48	22.35		
3	QPSK	8	0	21.56	21.54	21.36	23	1
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.58	23	1
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	2
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	2
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	3
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.36	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.56	22.44	24	0
1.4	QPSK	1	3	22.53	22.55	22.57		
1.4	QPSK	1	5	22.48	22.55	22.50		
1.4	QPSK	3	0	22.57	22.59	22.50		
1.4	QPSK	3	1	22.60	22.63	22.54		
1.4	QPSK	3	3	22.51	22.45	22.52		
1.4	QPSK	6	0	21.59	21.65	21.53	23	1
1.4	16QAM	1	0	21.43	21.57	21.53	23	1
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	2
1.4	64QAM	1	0	20.34	20.49	20.37	22	2
1.4	64QAM	1	3	20.33	20.53	20.28		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	3
1.4	256QAM	1	0	17.54	17.55	17.61	19	5
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	5

Band 26 for FCC Ant 4 DSI3 sig path:320

BW [MHz]	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	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.90		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.88	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	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	18.67	18.77	18.73		
20	QPSK	1	49	18.58	18.65	18.58	19.5	0
20	QPSK	1	99	18.41	18.62	18.44		
20	QPSK	50	0	18.68	18.74	18.66		
20	QPSK	50	24	18.62	18.54	18.64	19.5	0
20	QPSK	50	50	18.63	18.63	18.54		
20	QPSK	100	0	18.65	18.68	18.53		
20	16QAM	1	0	18.74	18.50	18.59		
20	16QAM	1	49	18.62	18.63	18.59	19.5	0
20	16QAM	1	99	18.64	18.74	18.61		
20	16QAM	50	0	18.61	18.46	18.60		
20	16QAM	50	24	18.64	18.64	18.57	19.5	0
20	16QAM	50	50	18.55	18.67	18.59		
20	16QAM	100	0	18.64	18.54	18.58		
20	64QAM	1	0	18.58	18.67	18.63		
20	64QAM	1	49	18.49	18.68	18.49	19.5	0
20	64QAM	1	99	18.63	18.58	18.58		
20	64QAM	50	0	18.67	18.52	18.50		
20	64QAM	50	24	18.50	18.64	18.71	19.5	0
20	64QAM	50	50	18.67	18.55	18.67		
20	64QAM	100	0	18.54	18.51	18.54		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	1.5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.66	16.68	16.66		
20	256QAM	50	24	16.56	16.72	16.64	18	1.5
20	256QAM	50	50	16.50	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.55	18.62	18.62		
15	QPSK	1	37	18.50	18.57	18.52	19.5	0
15	QPSK	1	74	18.36	18.49	18.33		
15	QPSK	36	0	18.53	18.64	18.56		
15	QPSK	36	20	18.53	18.39	18.50	19.5	0
15	QPSK	36	39	18.58	18.54	18.50		
15	QPSK	75	0	18.51	18.57	18.42		
15	16QAM	1	0	18.66	18.40	18.47		
15	16QAM	1	37	18.49	18.48	18.44	19.5	0
15	16QAM	1	74	18.49	18.61	18.50		
15	16QAM	36	0	18.53	18.31	18.47		
15	16QAM	36	20	18.57	18.48	18.46	19.5	0
15	16QAM	36	39	18.47	18.60	18.47		
15	16QAM	75	0	18.57	18.41	18.52		
15	64QAM	1	0	18.53	18.56	18.54		
15	64QAM	1	37	18.45	18.53	18.43	19.5	0
15	64QAM	1	74	18.53	18.49	18.46		
15	64QAM	36	0	18.58	18.41	18.41		
15	64QAM	36	20	18.36	18.58	18.65	19.5	0
15	64QAM	36	39	18.58	18.51	18.52		
15	64QAM	75	0	18.46	18.43	18.41		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.82	16.66	18	1.5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	1.5
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.51	18.70	18.60		
10	QPSK	1	25	18.51	18.55	18.45	19.5	0
10	QPSK	1	49	18.32	18.55	18.32		
10	QPSK	25	0	18.58	18.64	18.54		
10	QPSK	25	12	18.53	18.40	18.56	19.5	0
10	QPSK	25	25	18.54	18.49	18.49		
10	QPSK	50	0	18.49	18.53	18.48		
10	16QAM	1	0	18.65	18.41	18.52		
10	16QAM	1	25	18.49	18.51	18.48	19.5	0
10	16QAM	1	49	18.58	18.65	18.54		
10	16QAM	25	0	18.54	18.30	18.53		
10	16QAM	25	12	18.52	18.51	18.46	19.5	0
10	16QAM	25	25	18.47	18.53	18.52		
10	16QAM	50	0	18.52	18.39	18.49		
10	64QAM	1	0	18.48	18.55	18.52		
10	64QAM	1	25	18.43	18.59	18.39	19.5	0
10	64QAM	1	49	18.52	18.52	18.52		
10	64QAM	25	0	18.61	18.47	18.37		
10	64QAM	25	12	18.34	18.50	18.60	19.5	0
10	64QAM	25	25	18.62	18.43	18.56		
10	64QAM	50	0	18.44	18.38	18.41		
10	256QAM	1	0	16.62	16.72	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	1.5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	1.5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.62	18.67	18.68		
5	QPSK	1	12	18.45	18.51	18.42	19.5	0
5	QPSK	1	24	18.29	18.49	18.32		
5	QPSK	12	0	18.52	18.59	18.55		
5	QPSK	12	7	18.57	18.45	18.59	19.5	0
5	QPSK	12	13	18.58	18.50	18.45		
5	QPSK	25	0	18.53	18.53	18.39		
5	16QAM	1	0	18.66	18.45	18.46		
5	16QAM	1	12	18.49	18.56	18.44	19.5	0
5	16QAM	1	24	18.50	18.60	18.54		
5	16QAM	12	0	18.53	18.33	18.55		
5	16QAM	12	7	18.57	18.56	18.43	19.5	0
5	16QAM	12	13	18.39	18.57	18.43		
5	16QAM	25	0	18.57	18.41	18.52		
5	64QAM	1	0	18.51	18.54	18.51		
5	64QAM	1	12	18.40	18.54	18.38	19.5	0
5	64QAM	1	24	18.57	18.51	18.51		
5	64QAM	12	0	18.53	18.44	18.44		
5	64QAM	12	7	18.37	18.57	18.63	19.5	0
5	64QAM	12	13	18.56	18.40	18.52		
5	64QAM	25	0	18.39	18.39	18.44		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	1.5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	1.5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.58	18.62	18.58		
3	QPSK	1	8	18.53	18.51	18.49	19.5	0
3	QPSK	1	14	18.35	18.55	18.38		
3	QPSK	8	0	18.56	18.68	18.59		
3	QPSK	8	4	18.53	18.45	18.50	19.5	0
3	QPSK	8	7	18.52	18.53	18.50		
3	QPSK	15	0	18.49	18.59	18.43		
3	16QAM	1	0	18.67	18.36	18.44		
3	16QAM	1	8	18.56	18.51	18.47	19.5	0
3	16QAM	1	14	18.48	18.61	18.49		
3	16QAM	8	0	18.50	18.39	18.48		
3	16QAM	8	4	18.55	18.59	18.49	19.5	0
3	16QAM	8	7	18.47	18.62	18.53		
3	16QAM	15	0	18.51	18.46	18.50		
3	64QAM	1	0	18.52	18.56	18.55		
3	64QAM	1	8	18.37	18.53	18.38	19.5	0
3	64QAM	1	14	18.54	18.45	18.53		
3	64QAM	8	0	18.62	18.46	18.41		
3	64QAM	8	4	18.43	18.51	18.62	19.5	0
3	64QAM	8	7	18.63	18.46	18.55		
3	64QAM	15	0	18.47	18.41	18.48		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	1.5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	1.5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.59	18.66	18.59		
1.4	QPSK	1	3	18.50	18.59	18.42		
1.4	QPSK	1	5	18.33	18.50	18.37	19.5	0
1.4	QPSK	3	0	18.61	18.67	18.56		
1.4	QPSK	3	1	18.56	18.45	18.57		
1.4	QPSK	3	3	18.55	18.52	18.48		
1.4	QPSK	6	0	18.54	18.57	18.41	19.5	0
1.4	16QAM	1	0	18.62	18.35	18.48		
1.4	16QAM	1	3	18.57	18.51	18.51		
1.4	16QAM	1	5	18.53	18.60	18.50	19.5	0
1.4	16QAM	3	0	18.52	18.30	18.51		
1.4	16QAM	3	1	18.57	18.54	18.53		
1.4	16QAM	3	3	18.47	18.52	18.50		
1.4	16QAM	6	0	18.53	18.38	18.43	19.5	0
1.4	64QAM	1	0	18.50	18.55	18.56		
1.4	64QAM	1	3	18.35	18.60	18.37		
1.4	64QAM	1	5	18.51	18.44	18.45	19.5	0
1.4	64QAM	3	0	18.58	18.45	18.44		
1.4	64QAM	3	1	18.44	18.55	18.59		
1.4	64QAM	3	3	18.56	18.49	18.63		
1.4	64QAM	6	0	18.39	18.43	18.49	19.5	0
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	1.5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	1.5

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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	18.44	18.52	18.46		
20	QPSK	1	49	18.43	18.40	18.50	19.5	0
20	QPSK	1	99	18.49	18.43	18.46		
20	QPSK	50	0	18.44	18.48	18.39		
20	QPSK	50	24	18.41	18.40	18.41	19.5	0
20	QPSK	50	50	18.40	18.45	18.47		
20	QPSK	100	0	18.42	18.45	18.41		
20	16QAM	1	0	18.42	18.45	18.49		
20	16QAM	1	49	18.41	18.47	18.44	19.5	0
20	16QAM	1	99	18.51	18.46	18.42		
20	16QAM	50	0	18.49	18.50	18.47		
20	16QAM	50	24	18.51	18.49	18.49	19.5	0
20	16QAM	50	50	18.47	18.41	18.42		
20	16QAM	100	0	18.43	18.47	18.42		
20	64QAM	1	0	18.40	18.46	18.41		
20	64QAM	1	49	18.50	18.40	18.48	19.5	0
20	64QAM	1	99	18.41	18.48	18.43		
20	64QAM	50	0	18.41	18.51	18.46		
20	64QAM	50	24	18.48	18.43	18.48	19.5	0
20	64QAM	50	50	18.46	18.44	18.44		
20	64QAM	100	0	18.49	18.47	18.41		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	1.5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	1.5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.31	18.49	18.31		
15	QPSK	1	37	18.41	18.35	18.33	19.5	0
15	QPSK	1	74	18.30	18.29	18.40		
15	QPSK	36	0	18.32	18.43	18.29		
15	QPSK	36	20	18.39	18.39	18.30	19.5	0
15	QPSK	36	39	18.30	18.25	18.45		
15	QPSK	75	0	18.33	18.45	18.25		
15	16QAM	1	0	18.31	18.35	18.36		
15	16QAM	1	37	18.30	18.37	18.30	19.5	0
15	16QAM	1	74	18.40	18.43	18.23		
15	16QAM	36	0	18.49	18.32	18.37		
15	16QAM	36	20	18.42	18.32	18.40	19.5	0
15	16QAM	36	39	18.40	18.37	18.41		
15	16QAM	75	0	18.39	18.28	18.40		
15	64QAM	1	0	18.35	18.31	18.31		
15	64QAM	1	37	18.44	18.29	18.44	19.5	0
15	64QAM	1	74	18.40	18.43	18.35		
15	64QAM	36	0	18.36	18.40	18.37		
15	64QAM	36	20	18.45	18.30	18.30	19.5	0
15	64QAM	36	39	18.38	18.37	18.30		
15	64QAM	75	0	18.35	18.27	18.33		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	1.5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	1.5
15	256QAM	36	39	16.16	16.14	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.40	18.49	18.31		
10	QPSK	1	25	18.30	18.35	18.46	19.5	0
10	QPSK	1	49	18.46	18.25	18.43		
10	QPSK	25	0	18.28	18.39	18.38		
10	QPSK	25	12	18.22	18.35	18.22	19.5	0
10	QPSK	25	25	18.27	18.42	18.41		
10	QPSK	50	0	18.37	18.36	18.40		
10	16QAM	1	0	18.42	18.40	18.34		
10	16QAM	1	25	18.28	18.41	18.34	19.5	0
10	16QAM	1	49	18.40	18.31	18.29		
10	16QAM	25	0	18.39	18.39	18.29		
10	16QAM	25	12	18.37	18.35	18.47	19.5	0
10	16QAM	25	25	18.46	18.35	18.23		
10	16QAM	50	0	18.27	18.39	18.37		
10	64QAM	1	0	18.30	18.30	18.24		
10	64QAM	1	25	18.38	18.29	18.46	19.5	0
10	64QAM	1	49	18.32	18.34	18.23		
10	64QAM	25	0	18.35	18.45	18.44		
10	64QAM	25	12	18.43	18.24	18.28	19.5	0
10	64QAM	25	25	18.34	18.32	18.42		
10	64QAM	50	0	18.40	18.36	18.38		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25	16.32	16.56	16.47	18	1.5
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12		
10	256QAM	25	12	16.24	16.34	16.25	18	1.5
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.28	16.25	16.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.24	18.47	18.40		
5	QPSK	1	12	18.26	18.37	18.44	19.5	0
5	QPSK	1	24	18.41	18.32	18.41		
5	QPSK	12	0	18.40	18.44	18.36		
5	QPSK	12	7	18.34	18.21	18.37	19.5	0
5	QPSK	12	13	18.38	18.35	18.36		
5	QPSK	25	0	18.26	18.26	18.37		
5	16QAM	1	0	18.39	18.33	18.42		
5	16QAM	1	12	18.36	18.34	18.29	19.5	0
5	16QAM	1	24	18.47	18.36	18.30		
5	16QAM	12	0	18.35	18.42	18.39		
5	16QAM	12	7	18.50	18.37	18.37	19.5	0
5	16QAM	12	13	18.42	18.39	18.30		
5	16QAM	25	0	18.24	18.35	18.23		
5	64QAM	1	0	18.29	18.31	18.28		
5	64QAM	1	12	18.36	18.26	18.34	19.5	0
5	64QAM	1	24	18.26	18.29	18.32		
5	64QAM	12	0	18.24	18.48	18.44		
5	64QAM	12	7	18.36	18.41	18.39	19.5	0
5	64QAM	12	13	18.36	18.36	18.32		
5	64QAM	25	0	18.47	18.43	18.35		
5	256QAM	1	0	16.16	16.52	16.11		
5	256QAM	1	12	16.28	16.45	16.45	18	1.5
5	256QAM	1	24	16.35	16.23	16.31		
5	256QAM	12	0	16.00	16.33	16.12		
5	256QAM	12	7	16.18	16.35	16.27	18	1.5
5	256QAM	12	13	16.08	16.05	16.03		
5	256QAM	25	0	16.20	16.25	16.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.40	18.36	18.37		
3	QPSK	1	8	18.25	18.33	18.33	19.5	0
3	QPSK	1	14	18.29	18.43	18.36		
3	QPSK	8	0	18.41	18.47	18.28		
3	QPSK	8	4	18.39	18.32	18.22	19.5	0
3	QPSK	8	7	18.40	18.29	18.44		
3	QPSK	15	0	18.34	18.29	18.41		
3	16QAM	1	0	18.41	18.40	18.43		
3	16QAM	1	8	18.23	18.32	18.39	19.5	0
3	16QAM	1	14	18.35	18.33	18.33		
3	16QAM	8	0	18.38	18.44	18.29		
3	16QAM	8	4	18.38	18.41	18.36	19.5	0
3	16QAM	8	7	18.28	18.27	18.31		
3	16QAM	15	0	18.30	18.33	18.41		
3	64QAM	1	0	18.40	18.33	18.25		
3	64QAM	1	8	18.36	18.32	18.37	19.5	0
3	64QAM	1	14	18.33	18.33	18.30		
3	64QAM	8	0	18.30	18.39	18.35		
3	64QAM	8	4	18.41	18.24	18.35	19.5	0
3	64QAM	8	7	18.28	18.43	18.43		
3	64QAM	15	0	18.34	18.38	18.24		
3	256QAM	1	0	16.12	16.54	16.16		
3	256QAM	1	8	16.27	16.43	16.47	18	1.5
3	256QAM	1	14	16.38	16.21	16.29		
3	256QAM	8	0	16.13	16.34	16.15		
3	256QAM	8	4	16.21	16.23	16.25	18	1.5
3	256QAM	8	7	16.18	16.09	16.11		
3	256QAM	15	0	16.23	16.14	16.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.25	18.46	18.39		
1.4	QPSK	1	3	18.31	18.39	18.37		
1.4	QPSK	1	5	18.36	18.29	18.39	19.5	0
1.4	QPSK	3	0	18.37	18.42	18.38		
1.4	QPSK	3	1	18.24	18.37	18.26		
1.4	QPSK	3	3	18.26	18.28	18.31		
1.4	QPSK	6	0	18.26	18.34	18.38	19.5	0
1.4	16QAM	1	0	18.29	18.37	18.30		
1.4	16QAM	1	3	18.40	18.43	18.24		
1.4	16QAM	1	5	18.45	18.37	18.31	19.5	0
1.4	16QAM	3	0	18.44	18.36	18.40		
1.4	16QAM	3	1	18.33	18.47	18.30		
1.4	16QAM	3	3	18.34	18.24	18.32		
1.4	16QAM	6	0	18.26	18.34	18.40	19.5	0
1.4	64QAM	1	0	18.23	18.30	18.25		
1.4	64QAM	1	3	18.49	18.31	18.45		
1.4	64QAM	1	5	18.26	18.39	18.41	19.5	0
1.4	64QAM	3	0	18.24	18.49	18.36		
1.4	64QAM	3	1	18.28	18.26	18.33		
1.4	64QAM	3	3	18.31	18.29	18.35		
1.4	64QAM	6	0	18.43	18.40	18.40	19.5	0
1.4	256QAM	1	0	16.27	16.30	16.19		
1.4	256QAM	1	3	16.30	16.50	16.55		
1.4	256QAM	1	5	16.38	16.36	16.42	18	1.5
1.4	256QAM	3	0	16.19	16.31	16.05		
1.4	256QAM	3	1	16.06	16.28	16.32		
1.4	256QAM	3	3	16.12	16.11	16.02		
1.4	256QAM	6	0	16.20	16.20	16.02	18	1.5

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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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.

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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	19.03	18.99	19.05	19.00	20	0
20	QPSK	1	49	18.90	19.05	19.03	18.91		
20	QPSK	1	99	18.91	18.85	18.89	18.81		
20	QPSK	50	0	18.97	19.00	19.04	18.97	20	0
20	QPSK	50	24	18.87	19.00	18.87	18.88		
20	QPSK	50	50	18.88	18.95	18.98	19.04		
20	QPSK	100	0	18.95	18.87	18.84	18.96		
20	16QAM	1	0	19.04	19.08	18.88	18.91	20	0
20	16QAM	1	49	19.05	19.02	18.92	19.02		
20	16QAM	1	99	18.98	18.84	18.98	18.96		
20	16QAM	50	0	19.00	18.92	18.94	18.91	20	0
20	16QAM	50	24	19.05	18.93	18.94	18.95		
20	16QAM	50	50	18.94	19.05	18.83	18.84		
20	16QAM	100	0	18.86	19.06	18.99	18.98		
20	64QAM	1	0	18.96	18.86	18.96	18.93	20	0
20	64QAM	1	49	18.99	18.98	18.85	18.91		
20	64QAM	1	99	18.93	18.85	19.04	19.04		
20	64QAM	50	0	18.88	19.03	18.89	18.95	20	0
20	64QAM	50	24	18.92	18.99	18.96	18.99		
20	64QAM	50	50	18.97	18.96	18.83	18.89		
20	64QAM	100	0	18.87	18.87	18.94	18.93		
20	256QAM	1	0	17.67	17.76	17.56	17.69	19	1
20	256QAM	1	49	17.55	17.77	17.65	17.66		
20	256QAM	1	99	17.48	17.69	17.64	17.53		
20	256QAM	50	0	17.75	17.76	17.68	17.68	19	1
20	256QAM	50	24	17.73	17.82	17.68	17.64		
20	256QAM	50	50	17.57	17.66	17.51	17.48		
20	256QAM	100	0	17.77	17.82	17.69	17.70		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.91	18.92	18.94	18.92	20	0
15	QPSK	1	37	18.85	19.00	18.89	18.79		
15	QPSK	1	74	18.81	18.69	18.74	18.72		
15	QPSK	36	0	18.88	18.88	18.95	18.88	20	0
15	QPSK	36	20	18.73	18.89	18.81	18.72		
15	QPSK	36	39	18.76	18.89	18.86	18.95		
15	QPSK	75	0	18.85	18.80	18.79	18.90		
15	16QAM	1	0	18.90	19.03	18.75	18.86	20	0
15	16QAM	1	37	18.97	18.96	18.77	18.91		
15	16QAM	1	74	18.89	18.79	18.90	18.88		
15	16QAM	36	0	18.95	18.82	18.80	18.84	20	0
15	16QAM	36	20	18.94	18.80	18.86	18.80		
15	16QAM	36	39	18.78	18.98	18.71	18.80		
15	16QAM	75	0	18.78	18.97	18.94	18.91		
15	64QAM	1	0	18.84	18.74	18.86	18.78	20	0
15	64QAM	1	37	18.85	18.90	18.80	18.81		
15	64QAM	1	74	18.88	18.78	18.90	18.99		
15	64QAM	36	0	18.84	18.89	18.83	18.86	20	0
15	64QAM	36	20	18.86	18.92	18.90	18.94		
15	64QAM	36	39	18.83	18.86	18.68	18.75		
15	64QAM	75	0	18.77	18.83	18.81	18.84		
15	256QAM	1	0	17.57	17.67	17.51	17.63	19	1
15	256QAM	1	37	17.45	17.64	17.56	17.53		
15	256QAM	1	74	17.42	17.62	17.50	17.41		
15	256QAM	36	0	17.64	17.63	17.61	17.57	19	1
15	256QAM	36	20	17.62	17.70	17.57	17.58		
15	256QAM	36	39	17.45	17.55	17.37	17.35		
15	256QAM	75	0	17.68	17.74	17.56	17.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.90	18.87	18.98	18.86	20	0
10	QPSK	1	25	18.83	18.93	18.97	18.78		
10	QPSK	1	49	18.78	18.79	18.80	18.71		
10	QPSK	25	0	18.89	18.86	18.91	18.88	20	0
10	QPSK	25	12	18.73	18.92	18.80	18.82		
10	QPSK	25	25	18.78	18.90	18.89	18.96		
10	QPSK	50	0	18.87	18.71	18.68	18.90		
10	16QAM	1	0	18.95	19.03	18.77	18.82	20	0
10	16QAM	1	25	18.90	18.92	18.82	18.94		
10	16QAM	1	49	18.83	18.75	18.88	18.82		
10	16QAM	25	0	18.92	18.84	18.80	18.79	20	0
10	16QAM	25	12	18.92	18.82	18.83	18.88		
10	16QAM	25	25	18.81	18.98	18.78	18.74		
10	16QAM	50	0	18.71	19.00	18.93	18.83		
10	64QAM	1	0	18.86	18.72	18.88	18.78	20	0
10	64QAM	1	25	18.87	18.82	18.76	18.86		
10	64QAM	1	49	18.79	18.75	18.94	18.90		
10	64QAM	25	0	18.77	18.94	18.81	18.86	20	0
10	64QAM	25	12	18.79	18.87	18.89	18.89		
10	64QAM	25	25	18.89	18.88	18.76	18.77		
10	64QAM	50	0	18.71	18.82	18.88	18.85		
10	256QAM	1	0	17.57	17.67	17.51	17.63	19	1
10	256QAM	1	25	17.45	17.64	17.56	17.53		
10	256QAM	1	49	17.42	17.62	17.50	17.41		
10	256QAM	25	0	17.64	17.63	17.61	17.57	19	1
10	256QAM	25	12	17.62	17.70	17.57	17.58		
10	256QAM	25	25	17.45	17.55	17.37	17.35		
10	256QAM	50	0	17.68	17.74	17.56	17.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.93	18.83	18.89	18.95	20	0
5	QPSK	1	12	18.77	18.94	18.95	18.84		
5	QPSK	1	24	18.79	18.76	18.79	18.74		
5	QPSK	12	0	18.83	18.84	19.00	18.86	20	0
5	QPSK	12	7	18.81	18.95	18.79	18.78		
5	QPSK	12	13	18.84	18.90	18.92	18.97		
5	QPSK	25	0	18.88	18.83	18.71	18.90		
5	16QAM	1	0	18.92	19.01	18.73	18.76	20	0
5	16QAM	1	12	18.91	18.90	18.77	18.88		
5	16QAM	1	24	18.92	18.80	18.84	18.89		
5	16QAM	12	0	18.92	18.82	18.78	18.86	20	0
5	16QAM	12	7	18.98	18.86	18.89	18.84		
5	16QAM	12	13	18.82	18.90	18.75	18.74		
5	16QAM	25	0	18.73	18.93	18.86	18.92		
5	64QAM	1	0	18.86	18.71	18.83	18.81	20	0
5	64QAM	1	12	18.83	18.89	18.74	18.82		
5	64QAM	1	24	18.79	18.77	18.98	18.91		
5	64QAM	12	0	18.74	18.95	18.77	18.87	20	0
5	64QAM	12	7	18.85	18.88	18.85	18.89		
5	64QAM	12	13	18.82	18.84	18.67	18.83		
5	64QAM	25	0	18.79	18.75	18.82	18.87		
5	256QAM	1	0	17.57	17.67	17.51	17.63	19	1
5	256QAM	1	12	17.45	17.64	17.56	17.53		
5	256QAM	1	24	17.42	17.62	17.50	17.41		
5	256QAM	12	0	17.64	17.63	17.61	17.57	19	1
5	256QAM	12	7	17.62	17.70	17.57	17.58		
5	256QAM	12	13	17.45	17.55	17.37	17.35		
5	256QAM	25	0	17.68	17.74	17.56	17.58		

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BW [MHz]	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	13.55	13.65	13.61	15	0
20	QPSK	1	49	13.54	13.55	13.60		
20	QPSK	1	99	13.50	13.47	13.48		
20	QPSK	50	0	13.51	13.59	13.50		
20	QPSK	50	24	13.44	13.41	13.45	15	0
20	QPSK	50	50	13.51	13.52	13.48		
20	QPSK	100	0	13.19	13.58	13.48		
20	16QAM	1	0	13.47	13.49	13.50		
20	16QAM	1	49	13.49	13.41	13.40	15	0
20	16QAM	1	99	13.38	13.58	13.47		
20	16QAM	50	0	13.50	13.53	13.43		
20	16QAM	50	24	13.50	13.56	13.55	15	0
20	16QAM	50	50	13.53	13.60	13.42		
20	16QAM	100	0	13.52	13.49	13.64		
20	64QAM	1	0	13.53	13.47	13.53		
20	64QAM	1	49	13.44	13.48	13.53	15	0
20	64QAM	1	99	13.52	13.55	13.59		
20	64QAM	50	0	13.43	13.47	13.36		
20	64QAM	50	24	13.47	13.35	13.52	15	0
20	64QAM	50	50	13.45	13.57	13.40		
20	64QAM	100	0	13.50	13.50	13.56		
20	256QAM	1	0	13.45	13.57	13.36		
20	256QAM	1	49	13.40	13.51	13.60	15	0
20	256QAM	1	99	13.52	13.51	13.56		
20	256QAM	50	0	13.42	13.41	13.40		
20	256QAM	50	24	13.43	13.59	13.51	15	0
20	256QAM	50	50	13.46	13.53	13.60		
20	256QAM	100	0	13.38	13.58	13.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.44	13.50	13.49	15	0
15	QPSK	1	37	13.40	13.42	13.43		
15	QPSK	1	74	13.42	13.45	13.44		
15	QPSK	36	0	13.50	13.46	13.35		
15	QPSK	36	20	13.26	13.24	13.35	15	0
15	QPSK	36	39	13.49	13.53	13.25		
15	QPSK	75	0	13.08	13.38	13.39		
15	16QAM	1	0	13.40	13.35	13.36		
15	16QAM	1	37	13.34	13.27	13.31	15	0
15	16QAM	1	74	13.28	13.43	13.28		
15	16QAM	36	0	13.44	13.35	13.29		
15	16QAM	36	20	13.37	13.44	13.54	15	0
15	16QAM	36	39	13.36	13.47	13.34		
15	16QAM	75	0	13.44	13.44	13.58		
15	64QAM	1	0	13.45	13.38	13.42		
15	64QAM	1	37	13.25	13.34	13.40	15	0
15	64QAM	1	74	13.48	13.58	13.54		
15	64QAM	36	0	13.34	13.39	13.28		
15	64QAM	36	20	13.30	13.22	13.46	15	0
15	64QAM	36	39	13.23	13.42	13.40		
15	64QAM	75	0	13.40	13.40	13.35		
15	256QAM	1	0	13.40	13.35	13.26		
15	256QAM	1	37	13.23	13.45	13.43	15	0
15	256QAM	1	74	13.29	13.38	13.40		
15	256QAM	36	0	13.32	13.22	13.31		
15	256QAM	36	20	13.27	13.48	13.35	15	0
15	256QAM	36	39	13.32	13.50	13.46		
15	256QAM	75	0	13.35	13.42	13.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.40	13.44	13.41	15	0
10	QPSK	1	25	13.55	13.44	13.52		
10	QPSK	1	49	13.39	13.46	13.43		
10	QPSK	25	0	13.39	13.43	13.34		
10	QPSK	25	12	13.24	13.28	13.26	15	0
10	QPSK	25	25	13.51	13.37	13.32		
10	QPSK	50	0	13.06	13.43	13.42		
10	16QAM	1	0	13.41	13.36	13.48		
10	16QAM	1	25	13.44	13.33	13.30	15	0
10	16QAM	1	49	13.34	13.40	13.37		
10	16QAM	25	0	13.39	13.44	13.39		
10	16QAM	25	12	13.38	13.52	13.41	15	0
10	16QAM	25	25	13.38	13.44	13.28		
10	16QAM	50	0	13.34	13.43	13.56		
10	64QAM	1	0	13.36	13.35	13.42		
10	64QAM	1	25	13.29	13.41	13.47	15	0
10	64QAM	1	49	13.46	13.51	13.51		
10	64QAM	25	0	13.31	13.42	13.28		
10	64QAM	25	12	13.38	13.21	13.45	15	0
10	64QAM	25	25	13.31	13.49	13.36		
10	64QAM	50	0	13.39	13.42	13.50		
10	256QAM	1	0	13.39	13.32	13.36		
10	256QAM	1	25	13.37	13.30	13.38	15	0
10	256QAM	1	49	13.42	13.46	13.44		
10	256QAM	25	0	13.40	13.24	13.34		
10	256QAM	25	12	13.30	13.38	13.29	15	0
10	256QAM	25	25	13.38	13.50	13.45		
10	256QAM	50	0	13.29	13.46	13.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.43	13.43	13.47	15	0
5	QPSK	1	12	13.38	13.45	13.39		
5	QPSK	1	24	13.33	13.36	13.33		
5	QPSK	12	0	13.40	13.49	13.38	15	0
5	QPSK	12	7	13.27	13.38	13.30		
5	QPSK	12	13	13.46	13.43	13.27		
5	QPSK	25	0	13.08	13.43	13.42		
5	16QAM	1	0	13.40	13.43	13.44		
5	16QAM	1	12	13.39	13.42	13.29	15	0
5	16QAM	1	24	13.33	13.48	13.23		
5	16QAM	12	0	13.45	13.46	13.33		
5	16QAM	12	7	13.31	13.47	13.50	15	0
5	16QAM	12	13	13.34	13.52	13.31		
5	16QAM	25	0	13.43	13.41	13.42		
5	64QAM	1	0	13.52	13.43	13.47		
5	64QAM	1	12	13.31	13.37	13.39	15	0
5	64QAM	1	24	13.43	13.56	13.56		
5	64QAM	12	0	13.36	13.38	13.23		
5	64QAM	12	7	13.39	13.23	13.42	15	0
5	64QAM	12	13	13.39	13.46	13.35		
5	64QAM	25	0	13.37	13.42	13.42		
5	256QAM	1	0	13.36	13.48	13.24		
5	256QAM	1	12	13.32	13.36	13.46	15	0
5	256QAM	1	24	13.39	13.34	13.32		
5	256QAM	12	0	13.29	13.26	13.31	15	0
5	256QAM	12	7	13.29	13.35	13.42		
5	256QAM	12	13	13.29	13.40	13.53		
5	256QAM	25	0	13.36	13.54	13.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.33	13.54	13.43	15	0
3	QPSK	1	8	13.45	13.40	13.43		
3	QPSK	1	14	13.36	13.43	13.35		
3	QPSK	8	0	13.38	13.41	13.41		
3	QPSK	8	4	13.29	13.25	13.34	15	0
3	QPSK	8	7	13.43	13.45	13.26		
3	QPSK	15	0	13.10	13.46	13.39		
3	16QAM	1	0	13.37	13.45	13.41		
3	16QAM	1	8	13.47	13.30	13.39	15	0
3	16QAM	1	14	13.33	13.41	13.26		
3	16QAM	8	0	13.37	13.41	13.30		
3	16QAM	8	4	13.38	13.43	13.56	15	0
3	16QAM	8	7	13.39	13.42	13.33		
3	16QAM	15	0	13.34	13.48	13.54		
3	64QAM	1	0	13.39	13.51	13.37		
3	64QAM	1	8	13.35	13.39	13.45	15	0
3	64QAM	1	14	13.41	13.48	13.41		
3	64QAM	8	0	13.29	13.32	13.25		
3	64QAM	8	4	13.38	13.18	13.48	15	0
3	64QAM	8	7	13.31	13.54	13.29		
3	64QAM	15	0	13.44	13.37	13.41		
3	256QAM	1	0	13.28	13.42	13.33		
3	256QAM	1	8	13.27	13.46	13.45	15	0
3	256QAM	1	14	13.45	13.30	13.45		
3	256QAM	8	0	13.38	13.25	13.40		
3	256QAM	8	4	13.39	13.40	13.33	15	0
3	256QAM	8	7	13.30	13.46	13.51		
3	256QAM	15	0	13.32	13.48	13.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.47	13.52	13.51	15	0
1.4	QPSK	1	3	13.42	13.44	13.50		
1.4	QPSK	1	5	13.41	13.32	13.39		
1.4	QPSK	3	0	13.46	13.53	13.41		
1.4	QPSK	3	1	13.28	13.34	13.33		
1.4	QPSK	3	3	13.49	13.39	13.30		
1.4	QPSK	6	0	13.04	13.50	13.39	15	0
1.4	16QAM	1	0	13.30	13.40	13.42	15	0
1.4	16QAM	1	3	13.41	13.27	13.36		
1.4	16QAM	1	5	13.31	13.40	13.31		
1.4	16QAM	3	0	13.48	13.38	13.30		
1.4	16QAM	3	1	13.26	13.41	13.50		
1.4	16QAM	3	3	13.32	13.58	13.35		
1.4	16QAM	6	0	13.38	13.51	13.40	15	0
1.4	64QAM	1	0	13.45	13.49	13.49	15	0
1.4	64QAM	1	3	13.28	13.34	13.44		
1.4	64QAM	1	5	13.49	13.49	13.45		
1.4	64QAM	3	0	13.48	13.31	13.23		
1.4	64QAM	3	1	13.39	13.29	13.49		
1.4	64QAM	3	3	13.36	13.44	13.32		
1.4	64QAM	6	0	13.45	13.44	13.42	15	0
1.4	256QAM	1	0	13.29	13.42	13.24	15	0
1.4	256QAM	1	3	13.27	13.42	13.47		
1.4	256QAM	1	5	13.34	13.41	13.32		
1.4	256QAM	3	0	13.44	13.31	13.37		
1.4	256QAM	3	1	13.34	13.43	13.33		
1.4	256QAM	3	3	13.30	13.47	13.57		
1.4	256QAM	6	0	13.32	13.45	13.39	15	0

Reduced Power Mode for Main PA DSI3 ENDC

Band 2 Ant 0 DSI3 sig path:347

BW [MHz]	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	14.43	14.44	14.32	15	0
20	QPSK	1	49	14.38	14.41	14.29		
20	QPSK	1	99	14.22	14.23	14.27		
20	QPSK	50	0	14.35	14.40	14.20		
20	QPSK	50	24	14.25	14.35	14.15	15	0
20	QPSK	50	50	14.32	14.25	14.26		
20	QPSK	100	0	14.16	14.38	14.36		
20	16QAM	1	0	14.29	14.19	14.29		
20	16QAM	1	49	14.15	14.23	14.29	15	0
20	16QAM	1	99	14.31	14.29	14.26		
20	16QAM	50	0	14.24	14.31	14.17		
20	16QAM	50	24	14.19	14.30	14.33	15	0
20	16QAM	50	50	14.21	14.34	14.16		
20	16QAM	100	0	14.27	14.20	14.33		
20	64QAM	1	0	14.26	14.37	14.27		
20	64QAM	1	49	14.30	14.23	14.19	15	0
20	64QAM	1	99	14.29	14.37	14.34		
20	64QAM	50	0	14.20	14.23	14.17		
20	64QAM	50	24	14.23	14.22	14.32	15	0
20	64QAM	50	50	14.25	14.31	14.27		
20	64QAM	100	0	14.17	14.20	14.25		
20	256QAM	1	0	14.19	14.20	14.28		
20	256QAM	1	49	14.21	14.29	14.34	15	0
20	256QAM	1	99	14.24	14.22	14.35		
20	256QAM	50	0	14.29	14.21	14.29		
20	256QAM	50	24	14.29	14.25	14.26	15	0
20	256QAM	50	50	14.24	14.24	14.37		
20	256QAM	100	0	14.23	14.35	14.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.23	14.33	14.10	15	0
15	QPSK	1	37	14.27	14.33	14.15		
15	QPSK	1	74	14.23	14.16	14.29		
15	QPSK	36	0	14.33	14.33	14.08		
15	QPSK	36	20	14.12	14.18	14.03	15	0
15	QPSK	36	39	14.19	14.24	14.18		
15	QPSK	75	0	14.06	14.36	14.29		
15	16QAM	1	0	14.23	14.25	14.15		
15	16QAM	1	37	14.09	14.15	14.22	15	0
15	16QAM	1	74	14.06	14.11	14.15		
15	16QAM	36	0	14.20	14.34	14.09		
15	16QAM	36	20	14.27	14.14	14.20	15	0
15	16QAM	36	39	14.05	14.15	14.17		
15	16QAM	75	0	14.08	14.09	14.33		
15	64QAM	1	0	14.23	14.15	14.23		
15	64QAM	1	37	14.19	14.13	14.05	15	0
15	64QAM	1	74	14.28	14.25	14.34		
15	64QAM	36	0	14.29	14.20	14.17		
15	64QAM	36	20	14.21	14.07	14.28	15	0
15	64QAM	36	39	14.17	14.20	14.15		
15	64QAM	75	0	14.07	14.21	14.15		
15	256QAM	1	0	14.07	14.08	14.23		
15	256QAM	1	37	14.27	14.22	14.21	15	0
15	256QAM	1	74	14.09	14.01	14.29		
15	256QAM	36	0	14.16	14.03	14.05		
15	256QAM	36	20	14.19	14.11	14.08	15	0
15	256QAM	36	39	14.21	14.18	14.19		
15	256QAM	75	0	14.06	14.25	14.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.18	14.30	14.14	15	0
10	QPSK	1	25	14.17	14.30	14.18		
10	QPSK	1	49	14.21	14.13	14.23		
10	QPSK	25	0	14.15	14.28	14.31		
10	QPSK	25	12	14.16	14.25	14.34	15	0
10	QPSK	25	25	14.18	14.06	14.15		
10	QPSK	50	0	14.11	14.25	14.18		
10	16QAM	1	0	14.19	14.05	14.29		
10	16QAM	1	25	14.07	14.21	14.15	15	0
10	16QAM	1	49	14.16	14.21	14.21		
10	16QAM	25	0	14.12	14.26	14.11		
10	16QAM	25	12	14.13	14.12	14.16	15	0
10	16QAM	25	25	14.12	14.25	14.14		
10	16QAM	50	0	14.28	14.03	14.23		
10	64QAM	1	0	14.21	14.19	14.12		
10	64QAM	1	25	14.26	14.04	14.15	15	0
10	64QAM	1	49	14.32	14.22	14.18		
10	64QAM	25	0	13.96	14.10	14.14		
10	64QAM	25	12	14.23	14.07	14.14	15	0
10	64QAM	25	25	14.10	14.10	14.32		
10	64QAM	50	0	14.01	14.19	14.15		
10	256QAM	1	0	14.15	14.14	14.17		
10	256QAM	1	25	14.10	14.10	14.16	15	0
10	256QAM	1	49	14.18	14.09	14.27		
10	256QAM	25	0	14.26	14.15	14.03		
10	256QAM	25	12	14.24	14.22	14.17	15	0
10	256QAM	25	25	14.19	14.09	14.32		
10	256QAM	50	0	14.16	14.28	14.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.30	14.25	14.12	15	0
5	QPSK	1	12	14.23	14.23	14.09		
5	QPSK	1	24	14.07	14.11	14.11		
5	QPSK	12	0	14.21	14.37	14.07	15	0
5	QPSK	12	7	14.07	14.28	14.14		
5	QPSK	12	13	14.03	14.12	14.12		
5	QPSK	25	0	14.18	14.32	14.25		
5	16QAM	1	0	14.08	14.22	14.25		
5	16QAM	1	12	14.16	14.16	14.11	15	0
5	16QAM	1	24	14.28	14.14	14.22		
5	16QAM	12	0	14.21	14.29	14.13		
5	16QAM	12	7	14.07	14.24	14.26	15	0
5	16QAM	12	13	14.18	14.23	14.04		
5	16QAM	25	0	14.22	14.04	14.35		
5	64QAM	1	0	14.09	14.14	14.00		
5	64QAM	1	12	14.15	14.17	14.16	15	0
5	64QAM	1	24	14.28	14.35	14.28		
5	64QAM	12	0	13.95	14.15	14.03		
5	64QAM	12	7	14.19	14.00	14.23	15	0
5	64QAM	12	13	14.04	14.08	14.30		
5	64QAM	25	0	14.19	14.06	14.20		
5	256QAM	1	0	14.13	14.03	14.12		
5	256QAM	1	12	14.03	14.28	14.16	15	0
5	256QAM	1	24	14.05	14.14	14.38		
5	256QAM	12	0	14.17	14.08	14.11		
5	256QAM	12	7	14.13	14.18	14.08	15	0
5	256QAM	12	13	14.16	14.12	14.23		
5	256QAM	25	0	14.13	14.19	14.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.23	14.36	14.31	15	0
3	QPSK	1	8	14.28	14.21	14.22		
3	QPSK	1	14	14.03	14.06	14.18		
3	QPSK	8	0	14.24	14.31	14.23		
3	QPSK	8	4	14.03	14.23	14.05	15	0
3	QPSK	8	7	14.17	14.11	14.10		
3	QPSK	15	0	14.02	14.21	14.30		
3	16QAM	1	0	14.09	14.08	14.18		
3	16QAM	1	8	14.01	14.19	14.19	15	0
3	16QAM	1	14	14.20	14.32	14.13		
3	16QAM	8	0	14.08	14.18	14.14		
3	16QAM	8	4	13.98	14.23	14.14	15	0
3	16QAM	8	7	14.08	14.15	14.20		
3	16QAM	15	0	14.24	14.09	14.20		
3	64QAM	1	0	14.26	14.26	14.14		
3	64QAM	1	8	14.11	14.20	14.22	15	0
3	64QAM	1	14	14.27	14.14	14.32		
3	64QAM	8	0	14.07	14.13	14.12		
3	64QAM	8	4	14.16	14.09	14.21	15	0
3	64QAM	8	7	14.09	14.29	14.11		
3	64QAM	15	0	14.09	14.04	14.14		
3	256QAM	1	0	14.17	14.20	14.09		
3	256QAM	1	8	14.20	14.21	14.32	15	0
3	256QAM	1	14	14.09	14.20	14.14		
3	256QAM	8	0	14.16	14.14	14.17		
3	256QAM	8	4	14.16	14.32	14.11	15	0
3	256QAM	8	7	14.04	14.06	14.26		
3	256QAM	15	0	14.20	14.20	14.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.33	14.40	14.29	15	0
1.4	QPSK	1	3	14.36	14.34	14.21		
1.4	QPSK	1	5	14.22	14.17	14.16		
1.4	QPSK	3	0	14.27	14.19	14.09		
1.4	QPSK	3	1	14.14	14.28	14.11		
1.4	QPSK	3	3	14.03	14.07	14.01		
1.4	QPSK	6	0	14.15	14.27	14.21	15	0
1.4	16QAM	1	0	14.22	14.15	14.22	15	0
1.4	16QAM	1	3	14.13	14.22	14.13		
1.4	16QAM	1	5	14.12	14.31	14.23		
1.4	16QAM	3	0	14.11	14.21	14.14		
1.4	16QAM	3	1	14.12	14.19	14.18		
1.4	16QAM	3	3	14.14	14.24	14.24		
1.4	16QAM	6	0	14.26	14.07	14.28	15	0
1.4	64QAM	1	0	14.03	14.26	14.13	15	0
1.4	64QAM	1	3	14.11	14.20	14.09		
1.4	64QAM	1	5	14.21	14.37	14.28		
1.4	64QAM	3	0	14.19	14.14	13.99		
1.4	64QAM	3	1	14.10	14.07	14.24		
1.4	64QAM	3	3	14.21	14.16	14.25		
1.4	64QAM	6	0	14.10	14.04	14.23	15	0
1.4	256QAM	1	0	14.03	14.03	14.13	15	0
1.4	256QAM	1	3	14.17	14.17	14.27		
1.4	256QAM	1	5	14.15	14.17	14.14		
1.4	256QAM	3	0	14.08	14.13	14.16		
1.4	256QAM	3	1	14.27	14.13	14.15		
1.4	256QAM	3	3	14.18	14.09	14.29		
1.4	256QAM	6	0	14.24	14.20	14.18	15	0

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BW [MHz]	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	14.92	14.99	14.90	16.5	0
20	QPSK	1	49	14.85	14.87	14.86		
20	QPSK	1	99	14.87	14.83	14.73		
20	QPSK	50	0	14.86	14.99	14.84		
20	QPSK	50	24	14.82	14.85	14.67	16.5	0
20	QPSK	50	50	14.79	14.79	14.77		
20	QPSK	100	0	14.73	14.91	14.71		
20	16QAM	1	0	14.88	14.81	14.76		
20	16QAM	1	49	14.82	14.89	14.82	16.5	0
20	16QAM	1	99	14.73	14.90	14.80		
20	16QAM	50	0	14.82	14.78	14.80		
20	16QAM	50	24	14.79	14.70	14.93	16.5	0
20	16QAM	50	50	14.76	14.82	14.74		
20	16QAM

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BW [MHz]	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	19.39	19.42	19.30	20.5	0
10	QPSK	1	25	19.31	19.30	19.35		
10	QPSK	1	49	19.37	19.35	19.39		
10	QPSK	25	0	19.36	19.40	19.33	20.5	0
10	QPSK	25	12	19.22	19.33	19.30		
10	QPSK	25	25	19.22	19.35	19.27		
10	QPSK	50	0	19.33	19.38	19.28		
10	16QAM	1	0	19.26	19.32	19.28	20.5	0
10	16QAM	1	25	19.39	19.29	19.24		
10	16QAM	1	49	19.33	19.21	19.25		
10	16QAM	25	0	19.34	19.36	19.34	20.5	0
10	16QAM	25	12	19.40	19.28	19.33		
10	16QAM	25	25	19.24	19.26	19.36		
10	16QAM	50	0	19.29	19.37	19.29		
10	64QAM	1	0	19.30	19.29	19.28	20.5	0
10	64QAM	1	25	19.23	19.28	19.29		
10	64QAM	1	49	19.29	19.29	19.37		
10	64QAM	25	0	19.33	19.28	19.30	20.5	0
10	64QAM	25	12	19.28	19.25	19.33		
10	64QAM	25	25	19.33	19.31	19.33		
10	64QAM	50	0	19.33	19.27	19.23		
10	256QAM	1	0	17.52	17.51	17.60	19	1.5
10	256QAM	1	25	17.43	17.37	17.50		
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49	19	1.5
10	256QAM	25	12	17.39	17.48	17.34		
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.33	19.38	19.17	20.5	0
5	QPSK	1	12	19.23	19.17	19.20		
5	QPSK	1	24	19.27	19.25	19.28		
5	QPSK	12	0	19.26	19.25	19.28	20.5	0
5	QPSK	12	7	19.08	19.25	19.13		
5	QPSK	12	13	19.09	19.26	19.19		
5	QPSK	25	0	19.17	19.26	19.12		
5	16QAM	1	0	19.13	19.19	19.13	20.5	0
5	16QAM	1	12	19.25	19.26	19.10		
5	16QAM	1	24	19.30	19.08	19.15		
5	16QAM	12	0	19.23	19.30	19.18	20.5	0
5	16QAM	12	7	19.36	19.20	19.25		
5	16QAM	12	13	19.11	19.14	19.20		
5	16QAM	25	0	19.11	19.33	19.15		
5	64QAM	1	0	19.16	19.26	19.23	20.5	0
5	64QAM	1	12	19.09	19.18	19.12		
5	64QAM	1	24	19.27	19.11	19.33		
5	64QAM	12	0	19.22	19.18	19.16	20.5	0
5	64QAM	12	7	19.19	19.11	19.29		
5	64QAM	12	13	19.26	19.16	19.20		
5	64QAM	25	0	19.24	19.13	19.16		
5	256QAM	1	0	17.51	17.39	17.45	19	1.5
5	256QAM	1	12	17.27	17.24	17.37		
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35	19	1.5
5	256QAM	12	7	17.24	17.41	17.30		
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.30	19.37	19.28	20.5	0
3	QPSK	1	8	19.20	19.19	19.19		
3	QPSK	1	14	19.24	19.29	19.31		
3	QPSK	8	0	19.27	19.25	19.23	20.5	0
3	QPSK	8	4	19.20	19.31	19.13		
3	QPSK	8	7	19.20	19.21	19.16		
3	QPSK	15	0	19.22	19.21	19.14		
3	16QAM	1	0	19.16	19.14	19.21	20.5	0
3	16QAM	1	8	19.21	19.16	19.11		
3	16QAM	1	14	19.18	19.10	19.15		
3	16QAM	8	0	19.22	19.21	19.32	20.5	0
3	16QAM	8	4	19.26	19.22	19.20		
3	16QAM	8	7	19.07	19.21	19.29		
3	16QAM	15	0	19.25	19.21	19.20		
3	64QAM	1	0	19.21	19.25	19.24	20.5	0
3	64QAM	1	8	19.08	19.25	19.13		
3	64QAM	1	14	19.25	19.17	19.22		
3	64QAM	8	0	19.31	19.21	19.26	20.5	0
3	64QAM	8	4	19.25	19.19	19.24		
3	64QAM	8	7	19.20	19.16	19.17		
3	64QAM	15	0	19.16	19.11	19.18		
3	256QAM	1	0	17.33	17.43	17.54	19	1.5
3	256QAM	1	8	17.28	17.22	17.43		
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43	19	1.5
3	256QAM	8	4	17.21	17.46	17.30		
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.27	19.34	19.15	20.5	0
1.4	QPSK	1	3	19.22	19.26	19.29		
1.4	QPSK	1	5	19.31	19.32	19.32		
1.4	QPSK	3	0	19.33	19.23	19.23		
1.4	QPSK	3	1	19.16	19.15	19.27		
1.4	QPSK	3	3	19.06	19.18	19.24		
1.4	QPSK	6	0	19.18	19.36	19.26	20.5	0
1.4	16QAM	1	0	19.11	19.14	19.13	20.5	0
1.4	16QAM	1	3	19.12	19.14	19.14		
1.4	16QAM	1	5	19.22	19.04	19.18		
1.4	16QAM	3	0	19.24	19.33	19.26		
1.4	16QAM	3	1	19.30	19.19	19.23		
1.4	16QAM	3	3	19.17	19.19	19.32		
1.4	16QAM	6	0	19.19	19.35	19.15	20.5	0
1.4	64QAM	1	0	19.15	19.15	19.21	20.5	0
1.4	64QAM	1	3	19.20	19.10	19.11		
1.4	64QAM	1	5	19.13	19.12	19.14		
1.4	64QAM	3	0	19.24	19.11	19.12		
1.4	64QAM	3	1	19.22	19.17	19.28		
1.4	64QAM	3	3	19.16	19.18	19.19		
1.4	64QAM	6	0	19.27	19.27	19.15		
1.4	256QAM	1	0	17.41	17.34	17.51	19	1.5
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18		
1.4	256QAM	3	0	17.38	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	1.5

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.99	22.98	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.58	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.80		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.86		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI3 sig path:300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.96	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.94		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.89	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI3

BW [MHz]	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		22.60		23.5	0
10	QPSK	1	25		22.51			
10	QPSK	1	49		22.55			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	0.5
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	1.5
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	1.5
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	2.5
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	4.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	4.5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.41	22.52	22.58	23.5	0
5	QPSK	1	12	22.40	22.40	22.43		
5	QPSK	1	24	22.33	22.38	22.40		
5	QPSK	12	0	21.77	21.73	21.75	23	0.5
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	0.5
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	1.5
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	1.5
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	2.5
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	4.5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	4.5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI3 sig path:378

BW [MHz]	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		22.67		23.5	0
10	QPSK	1	25		22.58			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	0.5
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	1.5
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	2.5
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	4.5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	4.5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.58	22.62	22.57	23.5	0
5	QPSK	1	12	22.42	22.58	22.47		
5	QPSK	1	24	22.46	22.53	22.56		
5	QPSK	12	0	21.77	21.84	21.80	23	0.5
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	0.5
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	1.5
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	1.5
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	2.5
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71	19	4.5
5	256QAM	1	0	17.69	17.72	17.70		
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.78		
5	256QAM	12	0	17.68	17.63	17.67	19	4.5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.56		22.5	0
10	QPSK	1	25		21.49			
10	QPSK	1	49		21.51			
10	QPSK	25	0		21.54		22.5	0
10	QPSK	25	12		21.38			
10	QPSK	25	25		21.47			
10	QPSK	50	0		21.51			
10	16QAM	1	0		21.49		22.5	0
10	16QAM	1	25		21.52			
10	16QAM	1	49		21.47			
10	16QAM	25	0		21.54		22	0.5
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.55			
10	64QAM	1	0		21.48		22	0.5
10	64QAM	1	25		21.43			
10	64QAM	1	49		21.48			
10	64QAM	25	0		19.87		21	1.5
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	3.5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	3.5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.55	21.45	21.43	22.5	0
5	QPSK	1	12	21.40	21.45	21.31		
5	QPSK	1	24	21.46	21.55	21.42		
5	QPSK	12	0	21.33	21.47	21.50	22.5	0
5	QPSK	12	7	21.35	21.28	21.28		
5	QPSK	12	13	21.35	21.48	21.40		
5	QPSK	25	0	21.46	21.48	21.35		
5	16QAM	1	0	21.43	21.43	21.45	22.5	0
5	16QAM	1	12	21.36	21.53	21.31		
5	16QAM	1	24	21.38	21.37	21.27		
5	16QAM	12	0	21.53	21.50	21.42	22	0.5
5	16QAM	12	7	21.44	21.43	21.40		
5	16QAM	12	13	21.31	21.33	21.15		
5	16QAM	25	0	21.53	21.49	21.43		
5	64QAM	1	0	21.37	21.40	21.39	22	0.5
5	64QAM	1	12	21.36	21.33	21.28		
5	64QAM	1	24	21.42	21.39	21.30		
5	64QAM	12	0	19.72	19.73	19.72	21	1.5
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	3.5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	3.5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.53		22.5	0
10	QPSK	1	25		21.40			
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.50		22.5	0
10	QPSK	25	12		21.41			
10	QPSK	25	25		21.45			
10	QPSK	50	0		21.48			
10	16QAM	1	0		21.45		22.5	0
10	16QAM	1	25		21.40			
10	16QAM	1	49		21.36			
10	16QAM	25	0		21.39		22	0.5
10	16QAM	25	12		21.35			
10	16QAM	25	25		21.52			
10	16QAM	50	0		21.49			
10	64QAM	1	0		21.37		22	0.5
10	64QAM	1	25		21.41			
10	64QAM	1	49		21.35			
10	64QAM	25	0		19.79		21	1.5
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	3.5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	3.5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.42	21.47	21.36	22.5	0
5	QPSK	1	12	21.29	21.38	21.36		
5	QPSK	1	24	21.28	21.44	21.39		
5	QPSK	12	0	21.42	21.40	21.32	22.5	0
5	QPSK	12	7	21.29	21.32	21.31		
5	QPSK	12	13	21.28	21.32	21.41		
5	QPSK	25	0	21.34	21.48	21.48		
5	16QAM	1	0	21.43	21.35	21.25	22.5	0
5	16QAM	1	12	21.34	21.30	21.38		
5	16QAM	1	24	21.19	21.30	21.30		
5	16QAM	12	0	21.24	21.39	21.29	22	0.5
5	16QAM	12	7	21.13	21.30	21.29		
5	16QAM	12	13	21.50	21.52	21.31		
5	16QAM	25	0	21.35	21.48	21.42		
5	64QAM	1	0	21.35	21.38	21.23	22	0.5
5	64QAM	1	12	21.27	21.30	21.34		
5	64QAM	1	24	21.26	21.23	21.28		
5	64QAM	12	0	19.69	19.66	19.74	21	1.5
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	3.5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	3.5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

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BW [MHz]	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	16.61	16.68	16.65	18	0
20	QPSK	1	49	16.53	16.63	16.62		
20	QPSK	1	99	16.39	16.48	16.40		
20	QPSK	50	0	16.60	16.64	16.57	18	0
20	QPSK	50	24	16.43	16.50	16.58		
20	QPSK	50	50	16.44	16.56	16.57		
20	QPSK	100	0	16.53	16.59	16.44		
20	16QAM	1	0	16.59	16.62	16.67	18	0
20	16QAM	1	49	16.58	16.55	16.55		
20	16QAM	1	99	16.41	16.64	16.49		
20	16QAM	50	0	16.49	16.57	16.47	18	0
20	16QAM	50	24	16.58	16.43	16.61		
20	16QAM	50	50	16.51	16.58	16.51		
20	16QAM	100	0	16.53	16.62	16.59		
20	64QAM	1	0	16.50	16.62	16.51	18	0
20	64QAM	1	49	16.57	16.66	16.51		
20	64QAM	1	99	16.55	16.61	16.63		
20	64QAM	50	0	16.55	16.47	16.46	18	0
20	64QAM	50	24	16.54	16.45	16.53		
20	64QAM	50	50	16.53	16.50	16.60		
20	64QAM	100	0	16.50	16.56	16.60		
20	256QAM	1	0	16.56	16.63	16.52	18	0
20	256QAM	1	49	16.50	16.49	16.58		
20	256QAM	1	99	16.59	16.52	16.64		
20	256QAM	50	0	16.53	16.59	16.57	18	0
20	256QAM	50	24	16.45	16.60	16.55		
20	256QAM	50	50	16.58	16.46	16.64		
20	256QAM	100	0	16.52	16.52	16.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.51	16.60	16.50	18	0
15	QPSK	1	37	16.45	16.53	16.48		
15	QPSK	1	74	16.24	16.41	16.34		
15	QPSK	36	0	16.55	16.54	16.47	18	0
15	QPSK	36	20	16.30	16.40	16.47		
15	QPSK	36	39	16.38	16.41	16.44		
15	QPSK	75	0	16.46	16.49	16.32		
15	16QAM	1	0	16.50	16.55	16.51	18	0
15	16QAM	1	37	16.44	16.46	16.50		
15	16QAM	1	74	16.27	16.57	16.36		
15	16QAM	36	0	16.41	16.44	16.41	18	0
15	16QAM	36	20	16.51	16.30	16.49		
15	16QAM	36	39	16.41	16.43	16.46		
15	16QAM	75	0	16.46	16.57	16.50		
15	64QAM	1	0	16.35	16.53	16.41	18	0
15	64QAM	1	37	16.52	16.56	16.47		
15	64QAM	1	74	16.41	16.52	16.57		
15	64QAM	36	0	16.50	16.32	16.41	18	0
15	64QAM	36	20	16.48	16.36	16.41		
15	64QAM	36	39	16.38	16.40	16.54		
15	64QAM	75	0	16.38	16.43	16.56		
15	256QAM	1	0	16.43	16.58	16.44	18	0
15	256QAM	1	37	16.35	16.42	16.53		
15	256QAM	1	74	16.54	16.45	16.59		
15	256QAM	36	0	16.40	16.44	16.43	18	0
15	256QAM	36	20	16.34	16.55	16.48		
15	256QAM	36	39	16.47	16.35	16.56		
15	256QAM	75	0	16.41	16.44	16.32		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.56	16.60	16.54	18	0
10	QPSK	1	25	16.46	16.55	16.54		
10	QPSK	1	49	16.27	16.33	16.28		
10	QPSK	25	0	16.53	16.48	16.45	18	0
10	QPSK	25	12	16.32	16.43	16.52		
10	QPSK	25	25	16.35	16.43	16.48		
10	QPSK	50	0	16.42	16.46	16.37		
10	16QAM	1	0	16.55	16.51	16.62	18	0
10	16QAM	1	25	16.45	16.43	16.50		
10	16QAM	1	49	16.33	16.56	16.35		
10	16QAM	25	0	16.39	16.42	16.34	18	0
10	16QAM	25	12	16.42	16.28	16.48		
10	16QAM	25	25	16.44	16.52	16.45		
10	16QAM	50	0	16.43	16.58	16.52		
10	64QAM	1	0	16.45	16.48	16.45	18	0
10	64QAM	1	25	16.48	16.62	16.37		
10	64QAM	1	49	16.51	16.52	16.51		
10	64QAM	25	0	16.46	16.33	16.37	18	0
10	64QAM	25	12	16.39	16.35	16.40		
10	64QAM	25	25	16.42	16.38	16.46		
10	64QAM	50	0	16.39	16.45	16.45		
10	256QAM	1	0	16.49	16.48	16.45	18	0
10	256QAM	1	25	16.39	16.39	16.47		
10	256QAM	1	49	16.52	16.41	16.57		
10	256QAM	25	0	16.46	16.50	16.50	18	0
10	256QAM	25	12	16.33	16.50	16.50		
10	256QAM	25	25	16.50	16.34	16.52		
10	256QAM	50	0	16.38	16.37	16.38		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.52	16.62	16.49	18	0
5	QPSK	1	12	16.44	16.49	16.58		
5	QPSK	1	24	16.24	16.36	16.36		
5	QPSK	12	0	16.52	16.56	16.50	18	0
5	QPSK	12	7	16.33	16.38	16.42		
5	QPSK	12	13	16.40	16.42	16.47		
5	QPSK	25	0	16.44	16.55	16.29		
5	16QAM	1	0	16.47	16.51	16.54	18	0
5	16QAM	1	12	16.49	16.41	16.51		
5	16QAM	1	24	16.35	16.49	16.37		
5	16QAM	12	0	16.42	16.52	16.36	18	0
5	16QAM	12	7	16.51	16.37	16.49		
5	16QAM	12	13	16.44	16.53	16.37		
5	16QAM	25	0	16.44	16.46	16.54		
5	64QAM	1	0	16.35	16.54	16.47	18	0
5	64QAM	1	12	16.50	16.56	16.35		
5	64QAM	1	24	16.50	16.55	16.53		
5	64QAM	12	0	16.39	16.37	16.38	18	0
5	64QAM	12	7	16.46	16.30	16.46		
5	64QAM	12	13	16.47	16.45	16.49		
5	64QAM	25	0	16.46	16.51	16.49		
5	256QAM	1	0	16.50	16.52	16.43	18	0
5	256QAM	1	12	16.34	16.34	16.51		
5	256QAM	1	24	16.47	16.39	16.49		
5	256QAM	12	0	16.45	16.46	16.50	18	0
5	256QAM	12	7	16.39	16.45	16.40		
5	256QAM	12	13	16.42	16.33	16.57		
5	256QAM	25	0	16.38	16.42	16.33		
Channel				26035	26340	26672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.49	16.63	16.60	18	0
3	QPSK	1	8	16.46	16.49	16.56		
3	QPSK	1	14	16.31	16.38	16.24		
3	QPSK	8	0	16.50	16.50	16.45	18	0
3	QPSK	8	4	16.29	16.39	16.52		
3	QPSK	8	7	16.28	16.51	16.48		
3	QPSK	15	0	16.38	16.48	16.37		
3	16QAM	1	0	16.53	16.55	16.51	18	0
3	16QAM	1	8	16.50	16.42	16.40		
3	16QAM	1	14	16.32	16.59	16.44		
3	16QAM	8	0	16.34	16.44	16.38	18	0
3	16QAM	8	4	16.44	16.30	16.52		
3	16QAM	8	7	16.42	16.49	16.41		
3	16QAM	15	0	16.39	16.52	16.53		
3	64QAM	1	0	16.38	16.53	16.37	18	0
3	64QAM	1	8	16.52	16.53	16.43		
3	64QAM	1	14	16.47	16.51	16.54		
3	64QAM	8	0	16.48	16.36	16.33	18	0
3	64QAM	8	4	16.41	16.30	16.49		
3	64QAM	8	7	16.42	16.45	16.52		
3	64QAM	15	0	16.35	16.50	16.50		
3	256QAM	1	0	16.49	16.48	16.45	18	0
3	256QAM	1	8	16.38	16.34	16.52		
3	256QAM	1	14	16.48	16.44	16.54		
3	256QAM	8	0	16.38	16.45	16.53	18	0
3	256QAM	8	4	16.35	16.45	16.44		
3	256QAM	8	7	16.45	16.36	16.58		
3	256QAM	15	0	16.48	16.44	16.36		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.54	16.63	16.53	18	0
1.4	QPSK	1	3	16.45	16.59	16.47		
1.4	QPSK	1	5	16.24	16.44	16.29		
1.4	QPSK	3	0	16.50	16.49	16.47		
1.4	QPSK	3	1	16.35	16.39	16.50		
1.4	QPSK	3	3	16.36	16.44	16.52		
1.4	QPSK	6	0	16.39	16.43	16.39	18	0
1.4	16QAM	1	0	16.44	16.49	16.62	18	0
1.4	16QAM	1	3	16.46	16.39	16.49		
1.4	16QAM	1	5	16.25	16.57	16.36		
1.4	16QAM	3	0	16.35	16.46	16.34		
1.4	16QAM	3	1	16.48	16.36	16.45		
1.4	16QAM	3	3	16.40	16.51	16.41		
1.4	16QAM	6	0	16.48	16.48	16.48	18	0
1.4	64QAM	1	0	16.40	16.49	16.47	18	0
1.4	64QAM	1	3	16.46	16.53	16.39		
1.4	64QAM	1	5	16.40	16.55	16.57		
1.4	64QAM	3	0	16.39	16.39	16.33		
1.4	64QAM	3	1	16.39	16.35	16.39		
1.4	64QAM	3	3	16.44	16.37	16.54		
1.4	64QAM	6	0	16.39	16.49	16.55	18	0
1.4	256QAM	1	0	16.41	16.48	16.42	18	0
1.4	256QAM	1	3	16.39	16.41	16.53		
1.4	256QAM	1	5	16.50	16.43	16.55		
1.4	256QAM	3	0	16.47	16.46	16.42		
1.4	256QAM	3	1	16.33	16.49	16.45		
1.4	256QAM	3	3	16.49	16.32	16.50		
1.4	256QAM	6	0	16.39	16.37	16.32	18	0

Band 26 for FCC Ant 0 DSI3

BW [MHz]	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	19.18	19.45	19.18	20.5	0
15	QPSK	1	37	19.30	19.31	19.31		
15	QPSK	1	74	19.20	19.07	19.06		
15	QPSK	36	0	18.94	19.01	18.88	20.5	0
15	QPSK	36	20	18.63	18.76	18.57		
15	QPSK	36	39	18.86	18.79	18.77		
15	QPSK	75	0	18.59	18.72	18.71		
15	16QAM	1	0	19.04	18.99	18.77	20.5	0
15	16QAM	1	37	18.87	18.87	18.82		
15	16QAM	1	74	18.98	19.02	18.97		
15	16QAM	36	0	18.76	18.84	18.82	20.5	0
15	16QAM	36	20	18.67	18.81	18.85		
15	16QAM	36	39	18.81	18.80	18.84		
15	16QAM	75	0	18.81	18.89	18.98	20.5	0
15	64QAM	1	0	19.05	18.94	18.93		
15	64QAM	1	37	18.85	18.94	18.98		
15	64QAM	1	74	18.92	18.70	18.78	20.5	0
15	64QAM	36	0	18.96	18.84	19.02		
15	64QAM	36	20	18.79	18.79	18.92		
15	64QAM	36	39	18.55	18.67	18.76		
15	64QAM	75	0	18.71	18.78	18.75	20.5	0
15	256QAM	1	0	17.59	17.51	17.53		
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63	19	1.5
15	256QAM	36	0	17.38	17.47	17.42	19	1.5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.31	19.29	19.19	20.5	0
10	QPSK	1	25	19.30	19.12	19.28		
10	QPSK	1	49	19.18	19.01	19.21		
10	QPSK	25	0	19.03	19.04	18.97	20.5	0
10	QPSK	25	12	18.77	18.86	18.66		
10	QPSK	25	25	18.81	18.88	18.76		
10	QPSK	50	0	18.72	18.73	18.58		
10	16QAM	1	0	18.97	18.96	18.80	20.5	0
10	16QAM	1	25	18.85	18.84	18.71		
10	16QAM	1	49	18.93	19.05	18.94		
10	16QAM	25	0	18.78	18.93	18.89	20.5	0
10	16QAM	25	12	18.64	18.71	18.78		
10	16QAM	25	25	18.79	18.85	18.78		
10	16QAM	50	0	18.87	18.91	18.85		
10	64QAM	1	0	18.87	18.98	18.85	20.5	0
10	64QAM	1	25	18.93	18.96	18.95		
10	64QAM	1	49	18.74	18.81	18.84		
10	64QAM	25	0	19.04	18.85	18.87	20.5	0
10	64QAM	25	12	18.72	18.69	18.74		
10	64QAM	25	25	18.72	18.67	18.79		
10	64QAM	50	0	18.83	18.83	18.85		
10	256QAM	1	0	17.49	17.42	17.51	19	1.5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	1.5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.26	19.41	19.34	20.5	0
5	QPSK	1	12	19.25	19.14	19.23		
5	QPSK	1	24	19.11	19.05	19.03		
5	QPSK	12	0	19.09	18.94	19.06	20.5	0
5	QPSK	12	7	18.78	18.70	18.78		
5	QPSK	12	13	18.86	18.79	18.75		
5	QPSK	25	0	18.72	18.62	18.75		
5	16QAM	1	0	18.90	18.89	18.82	20.5	0
5	16QAM	1	12	18.89	18.89	18.86		
5	16QAM	1	24	19.04	18.98	19.06		
5	16QAM	12	0	18.87	18.78	18.93	20.5	0
5	16QAM	12	7	18.81	18.70	18.77		
5	16QAM	12	13	18.67	18.94	18.84		
5	16QAM	25	0	18.92	18.90	19.06		
5	64QAM	1	0	18.92	18.83	18.87	20.5	0
5	64QAM	1	12	18.91	18.86	18.87		
5	64QAM	1	24	18.77	18.90	18.75		
5	64QAM	12	0	19.07	18.98	18.87	20.5	0
5	64QAM	12	7	18.69	18.82	18.81		
5	64QAM	12	13	18.73	18.72	18.64		
5	64QAM	25	0	18.67	18.63	18.74		
5	256QAM	1	0	17.59	17.46	17.39	19	1.5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	1.5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.25	19.34	19.32	20.5	0
3	QPSK	1	8	19.36	19.33	19.21		
3	QPSK	1	14	19.12	19.15	19.05		
3	QPSK	8	0	18.93	18.91	18.90	20.5	0
3	QPSK	8	4	18.61	18.74	18.64		
3	QPSK	8	7	18.85	18.95	18.93		
3	QPSK	15	0	18.79	18.75	18.60		
3	16QAM	1	0	18.82	19.02	18.94	20.5	0
3	16QAM	1	8	18.91	18.72	18.82		
3	16QAM	1	14	19.01	18.99	19.02		
3	16QAM	8	0	18.88	18.99	18.87	20.5	0
3	16QAM	8	4	18.65	18.88	18.94		
3	16QAM	8	7	18.75	18.90	18.88		
3	16QAM	15	0	18.78	19.01	18.91		
3	64QAM	1	0	18.94	18.85	19.05	20.5	0
3	64QAM	1	8	18.80	18.95	18.81		
3	64QAM	1	14	18.75	18.83	18.78		
3	64QAM	8	0	18.90	18.83	18.91	20.5	0
3	64QAM	8	4	18.74	18.69	18.75		
3	64QAM	8	7	18.75	18.71	18.62		
3	64QAM	15	0	18.69	18.77	18.68		
3	256QAM	1	0	17.51	17.40	17.36	19	1.5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.43	17.29	19	1.5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.15	19.36	19.34	20.5	0
1.4	QPSK	1	3	19.10	19.11	19.17		
1.4	QPSK	1	5	19.02	19.05	18.94		
1.4	QPSK	3	0	19.21	19.20	19.23		
1.4	QPSK	3	1	19.04	19.08	19.10		
1.4	QPSK	3	3	18.88	19.18	19.14		
1.4	QPSK	6	0	19.00	19.27	19.10	20.5	0
1.4	16QAM	1	0	19.24	19.33	19.20	20.5	0
1.4	16QAM	1	3	19.30	19.20	19.19		
1.4	16QAM	1	5	18.93	19.29	19.11		
1.4	16QAM	3	0	18.98	19.23	18.96		
1.4	16QAM	3	1	19.21	18.99	19.29		
1.4	16QAM	3	3	19.23	19.14	19.16		
1.4	16QAM	6	0	19.02	19.27	19.29	20.5	0
1.4	64QAM	1	0	19.04	19.34	19.17	20.5	0
1.4	64QAM	1	3	19.13	19.13	19.03		
1.4	64QAM	1	5	19.18	19.25	19.32		
1.4	64QAM	3	0	19.23	19.12	19.09		
1.4	64QAM	3	1	19.09	19.11	19.14		

Band 26 for FCC Ant 0 DSI3 sig path:320

BW [MHz]	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	19.81	19.85	19.68	20.5	0
15	QPSK	1	37	19.61	19.70	19.67		
15	QPSK	1	74	19.76	19.61	19.48		
15	QPSK	36	0	19.35	19.50	19.46	20.5	0
15	QPSK	36	20	19.06	19.31	19.29		
15	QPSK	36	39	19.22	19.42	19.43		
15	QPSK	75	0	19.33	19.43	19.35		
15	16QAM	1	0	19.33	19.60	19.41	20.5	0
15	16QAM	1	37	19.39	19.19	19.26		
15	16QAM	1	74	19.67	19.69	19.63		
15	16QAM	36	0	19.27	19.27	19.41	20.5	0
15	16QAM	36	20	19.17	19.29	19.43		
15	16QAM	36	39	19.36	19.37	19.42		
15	16QAM	75	0	19.45	19.39	19.55		
15	64QAM	1	0	19.47	19.43	19.57	20.5	0
15	64QAM	1	37	19.36	19.36	19.40		
15	64QAM	1	74	19.24	19.40	19.23		
15	64QAM	36	0	19.46	19.28	19.37	20.5	0
15	64QAM	36	20	19.35	19.12	19.34		
15	64QAM	36	39	19.28	19.08	19.15		
15	64QAM	75	0	19.24	19.14	19.24		
15	256QAM	1	0	18.13	17.96	18.03	19	1.5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	1.5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.62	19.80	19.68	20.5	0
10	QPSK	1	25	19.81	19.71	19.75		
10	QPSK	1	49	19.53	19.68	19.48		
10	QPSK	25	0	19.45	19.42	19.48	20.5	0
10	QPSK	25	12	19.23	19.32	19.28		
10	QPSK	25	25	19.25	19.49	19.31		
10	QPSK	50	0	19.19	19.39	19.31		
10	16QAM	1	0	19.41	19.42	19.40	20.5	0
10	16QAM	1	25	19.25	19.17	19.27		
10	16QAM	1	49	19.51	19.57	19.43		
10	16QAM	25	0	19.33	19.41	19.45	20.5	0
10	16QAM	25	12	19.23	19.28	19.32		
10	16QAM	25	25	19.39	19.29	19.26		
10	16QAM	50	0	19.47	19.32	19.39		
10	64QAM	1	0	19.45	19.47	19.50	20.5	0
10	64QAM	1	25	19.30	19.39	19.47		
10	64QAM	1	49	19.37	19.39	19.41		
10	64QAM	25	0	19.52	19.46	19.33	20.5	0
10	64QAM	25	12	19.23	19.16	19.47		
10	64QAM	25	25	19.31	19.25	19.18		
10	64QAM	50	0	19.24	19.30	19.27		
10	256QAM	1	0	18.04	17.85	17.95	19	1.5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	1.5
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.63	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.84	19.84	19.67	20.5	0
5	QPSK	1	12	19.60	19.79	19.68		
5	QPSK	1	24	19.54	19.67	19.69		
5	QPSK	12	0	19.49	19.49	19.46	20.5	0
5	QPSK	12	7	19.08	19.14	19.34		
5	QPSK	12	13	19.41	19.55	19.33		
5	QPSK	25	0	19.18	19.43	19.25		
5	16QAM	1	0	19.42	19.49	19.35	20.5	0
5	16QAM	1	12	19.20	19.29	19.38		
5	16QAM	1	24	19.51	19.60	19.50		
5	16QAM	12	0	19.47	19.28	19.52	20.5	0
5	16QAM	12	7	19.18	19.39	19.30		
5	16QAM	12	13	19.28	19.40	19.32		
5	16QAM	25	0	19.31	19.35	19.49		
5	64QAM	1	0	19.61	19.49	19.52	20.5	0
5	64QAM	1	12	19.32	19.58	19.41		
5	64QAM	1	24	19.31	19.25	19.25		
5	64QAM	12	0	19.50	19.43	19.41	20.5	0
5	64QAM	12	7	19.19	19.17	19.27		
5	64QAM	12	13	19.20	19.18	19.27		
5	64QAM	25	0	19.23	19.21	19.25		
5	256QAM	1	0	17.99	17.91	17.87	19	1.5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	1.5
5	256QAM	12	7	17.92	17.94	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.67	19.75	19.60	20.5	0
3	QPSK	1	8	19.62	19.82	19.68		
3	QPSK	1	14	19.76	19.69	19.51		
3	QPSK	8	0	19.46	19.49	19.48	20.5	0
3	QPSK	8	4	19.19	19.35	19.23		
3	QPSK	8	7	19.32	19.37	19.48		
3	QPSK	15	0	19.19	19.25	19.29		
3	16QAM	1	0	19.50	19.63	19.21	20.5	0
3	16QAM	1	8	19.21	19.15	19.18		
3	16QAM	1	14	19.63	19.47	19.55		
3	16QAM	8	0	19.41	19.47	19.51	20.5	0
3	16QAM	8	4	19.14	19.35	19.46		
3	16QAM	8	7	19.30	19.24	19.27		
3	16QAM	15	0	19.27	19.28	19.43		
3	64QAM	1	0	19.47	19.49	19.59	20.5	0
3	64QAM	1	8	19.48	19.43	19.44		
3	64QAM	1	14	19.37	19.22	19.41		
3	64QAM	8	0	19.46	19.33	19.37	20.5	0
3	64QAM	8	4	19.30	19.32	19.27		
3	64QAM	8	7	19.36	19.06	19.10		
3	64QAM	15	0	19.21	19.25	19.13		
3	256QAM	1	0	18.08	17.80	17.88	19	1.5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	1.5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.09	19.37	19.19	20.5	0
1.4	QPSK	1	3	19.20	19.11	19.36		
1.4	QPSK	1	5	18.96	19.01	18.86		
1.4	QPSK	3	0	19.29	19.09	19.17		
1.4	QPSK	3	1	18.96	19.02	19.22		
1.4	QPSK	3	3	18.94	19.25	19.28		
1.4	QPSK	6	0	19.05	19.14	19.16	20.5	0
1.4	16QAM	1	0	19.11	19.18	19.24	20.5	0
1.4	16QAM	1	3	19.15	19.23	19.22		
1.4	16QAM	1	5	18.91	19.31	19.04		
1.4	16QAM	3	0	19.06	19.20	19.00		
1.4	16QAM	3	1	19.07	19.03	19.28		
1.4	16QAM	3	3	19.22	19.19	19.11		
1.4	16QAM	6	0	19.12	19.15	19.26	20.5	0
1.4	64QAM	1	0	19.16	19.17	18.97	20.5	0
1.4	64QAM	1	3	19.18	19.23	19.20		
1.4	64QAM	1	5	19.14	19.20	19.13		
1.4	64QAM	3	0	19.22	19.07	19.12		
1.4	64QAM	3	1	19.13	18.92	19.27		
1.4	64QAM	3	3	19.16	19.11	19.30		
1.4	64QAM	6	0	18.94	19.23	19.27	20.5	0
1.4	256QAM	1	0	17.89	17.86	17.95	19	1.5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	1.5

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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	14.88	15.06	14.96	16.5	0
20	QPSK	1	49	14.80	15.04	14.85		
20	QPSK	1	99	14.69	14.87	14.86		
20	QPSK	50	0	14.94	14.99	14.90	16.5	0
20	QPSK	50	24	14.86	14.91	14.80		
20	QPSK	50	50	14.97	14.88	14.89		
20	QPSK	100	0	15.02	14.90	14.90		
20	16QAM	1	0	15.01	14.94	14.94	16.5	0
20	16QAM	1	49	15.01	15.00	15.01		
20	16QAM	1	99	14.91	14.89	14.83		
20	16QAM	50	0	14.81	14.82	14.79	16.5	0
20	16QAM	50	24	14.98	15.00	14.82		
20	16QAM	50	50	14.90	14.84	14.95		
20	16QAM	100	0	14.88	14.91	14.81		
20	64QAM	1	0	14.87	14.93	14.93	16.5	0
20	64QAM	1	49	14.83	14.94	14.94		
20	64QAM	1	99	14.89	14.99	14.91		
20	64QAM	50	0	14.90	14.89	14.86	16.5	0
20	64QAM	50	24	14.96	14.74	14.81		
20	64QAM	50	50	14.80	15.05	14.88		
20	64QAM	100	0	14.97	14.98	14.95		
20	256QAM	1	0	14.91	14.91	14.83	16.5	0
20	256QAM	1	49	14.68	15.01	14.79		
20	256QAM	1	99	14.64	14.67	14.81		
20	256QAM	50	0	14.75	14.99	14.74	16.5	0
20	256QAM	50	24	14.67	14.90	14.71		
20	256QAM	50	50	15.03	14.78	14.76		
20	256QAM	100	0	14.87	14.97	14.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.76	14.87	14.83	16.5	0
15	QPSK	1	37	14.70	14.98	14.78		
15	QPSK	1	74	14.67	14.82	14.73		
15	QPSK	36	0	14.84	14.90	14.69	16.5	0
15	QPSK	36	20	14.75	14.87	14.69		
15	QPSK	36	39	14.87	14.90	14.79		
15	QPSK	75	0	14.91	14.79	14.82		
15	16QAM	1	0	14.96	14.79	14.72	16.5	0
15	16QAM	1	37	14.86	14.85	14.87		
15	16QAM	1	74	14.74	14.74	14.79		
15	16QAM	36	0	14.73	14.84	14.60	16.5	0
15	16QAM	36	20	14.84	14.78	14.73		
15	16QAM	36	39	14.84	14.66	14.91		
15	16QAM	75	0	14.90	14.67	14.79		
15	64QAM	1	0	14.84	14.79	14.86	16.5	0
15	64QAM	1	37	14.69	14.93	14.77		
15	64QAM	1	74	14.73	14.96	14.86		
15	64QAM	36	0	14.69	14.92	14.67	16.5	0
15	64QAM	36	20	14.85	14.79	14.67		
15	64QAM	36	39	14.64	14.96	14.90		
15	64QAM	75	0	14.94	14.90	14.83		
15	256QAM	1	0	14.81	15.00	14.83	16.5	0
15	256QAM	1	37	14.84	14.82	14.70		
15	256QAM	1	74	14.57	14.80	14.67		
15	256QAM	36	0	14.79	14.88	14.77	16.5	0
15	256QAM	36	20	14.69	14.92	14.66		
15	256QAM	36	39	14.96	14.95	14.75		
15	256QAM	75	0	14.73	14.98	14.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.84	14.97	14.92	16.5	0
10	QPSK	1	25	14.77	14.94	14.76		
10	QPSK	1	49	14.63	14.75	14.75		
10	QPSK	25	0	14.76	14.89	14.81	16.5	0
10	QPSK	25	12	14.77	14.82	14.82		
10	QPSK	25	25	14.94	14.84	14.81		
10	QPSK	50	0	14.85	14.94	14.83	16.5	0
10	16QAM	1	0	15.02	14.88	14.83		
10	16QAM	1	25	14.96	14.94	14.86		
10	16QAM	1	49	14.69	14.77	14.81		
10	16QAM	25	0	14.66	14.86	14.69	16.5	0
10	16QAM	25	12	14.93	14.80	14.78		
10	16QAM	25	25	14.77	14.81	14.90		
10	16QAM	50	0	14.81	14.69	14.74		
10	64QAM	1	0	14.78	14.71	14.83	16.5	0
10	64QAM	1	25	14.69	14.82	14.77		
10	64QAM	1	49	14.75	14.95	14.89		
10	64QAM	25	0	14.85	14.82	14.76	16.5	0
10	64QAM	25	12	14.97	14.62	14.81		
10	64QAM	25	25	14.68	14.92	14.80		
10	64QAM	50	0	14.92	14.84	14.84	16.5	0
10	256QAM	1	0	14.67	14.83	14.76		
10	256QAM	1	25	14.82	15.00	14.73		
10	256QAM	1	49	14.65	14.82	14.72		
10	256QAM	25	0	14.79	14.95	14.89	16.5	0
10	256QAM	25	12	14.65	14.77	14.60		
10	256QAM	25	25	14.91	14.86	14.95		
10	256QAM	50	0	14.94	14.77	14.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.83	14.93	14.90	16.5	0
5	QPSK	1	12	14.81	14.89	14.76		
5	QPSK	1	24	14.60	14.75	14.71		
5	QPSK	12	0	14.82	14.84	14.67	16.5	0
5	QPSK	12	7	14.71	14.92	14.74		
5	QPSK	12	13	14.94	14.91	14.84		
5	QPSK	25	0	14.91	14.85	14.83		
5	16QAM	1	0	14.95	14.80	14.77	16.5	0
5	16QAM	1	12	14.86	14.85	14.91		
5	16QAM	1	24	14.71	14.82	14.75		
5	16QAM	12	0	14.67	14.72	14.59	16.5	0
5	16QAM	12	7	14.80	14.90	14.75		
5	16QAM	12	13	14.82	14.77	14.94		
5	16QAM	25	0	14.79	14.85	14.70		
5	64QAM	1	0	14.82	14.77	14.81	16.5	0
5	64QAM	1	12	14.77	14.85	14.71		
5	64QAM	1	24	14.68	14.84	14.83		
5	64QAM	12	0	14.78	14.87	14.79	16.5	0
5	64QAM	12	7	14.86	14.73	14.72		
5	64QAM	12	13	14.72	14.93	14.85		
5	64QAM	25	0	14.87	14.88	14.89		
5	256QAM	1	0	14.91	14.97	14.84	16.5	0
5	256QAM	1	12	14.69	14.93	14.73		
5	256QAM	1	24	14.50	14.76	14.73		
5	256QAM	12	0	14.78	14.86	14.82	16.5	0
5	256QAM	12	7	14.71	14.93	14.83		
5	256QAM	12	13	14.84	14.84	14.95		
5	256QAM	25	0	14.87	14.89	14.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.93	14.85	14.81	16.5	0
3	QPSK	1	8	14.69	14.91	14.78		
3	QPSK	1	14	14.69	14.70	14.73		
3	QPSK	8	0	14.86	14.90	14.75	16.5	0
3	QPSK	8	4	14.80	14.85	14.76		
3	QPSK	8	7	14.90	14.76	14.76		
3	QPSK	15	0	14.84	14.85	14.83		
3	16QAM	1	0	14.83	14.87	14.87	16.5	0
3	16QAM	1	8	14.83	14.85	14.84		
3	16QAM	1	14	14.71	14.81	14.72		
3	16QAM	8	0	14.70	14.79	14.78	16.5	0
3	16QAM	8	4	14.89	14.85	14.72		
3	16QAM	8	7	14.78	14.86	14.91		
3	16QAM	15	0	14.87	14.78	14.77		
3	64QAM	1	0	14.72	14.75	14.81	16.5	0
3	64QAM	1	8	14.76	14.83	14.80		
3	64QAM	1	14	14.82	14.83	14.85		
3	64QAM	8	0	14.78	14.81	14.75	16.5	0
3	64QAM	8	4	14.88	14.64	14.70		
3	64QAM	8	7	14.62	14.86	14.89		
3	64QAM	15	0	14.84	14.81	14.79		
3	256QAM	1	0	14.85	14.89	14.84	16.5	0
3	256QAM	1	8	14.61	14.90	14.79		
3	256QAM	1	14	14.73	14.89	14.72		
3	256QAM	8	0	14.85	14.90	14.76	16.5	0
3	256QAM	8	4	14.72	14.79	14.72		
3	256QAM	8	7	14.76	14.89	14.68		
3	256QAM	15	0	14.92	14.92	14.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.84	14.88	14.86	16.5	0
1.4	QPSK	1	3	14.75	14.98	14.80		
1.4	QPSK	1	5	14.58	14.76	14.71		
1.4	QPSK	3	0	14.89	14.89	14.77		
1.4	QPSK	3	1	14.72	14.83	14.79		
1.4	QPSK	3	3	14.81	14.75	14.74		
1.4	QPSK	6	0	14.76	14.97	14.91	16.5	0
1.4	16QAM	1	0	14.88	14.92	14.78	16.5	0
1.4	16QAM	1	3	14.91	14.83	14.81		
1.4	16QAM	1	5	14.75	14.79	14.75		
1.4	16QAM	3	0	14.79	14.71	14.64		
1.4	16QAM	3	1	14.88	14.82	14.82		
1.4	16QAM	3	3	14.89	14.80	14.81		
1.4	16QAM	6	0	14.78	14.73	14.72	16.5	0
1.4	64QAM	1	0	14.78	14.73	14.86	16.5	0
1.4	64QAM	1	3	14.75	14.88	14.75		
1.4	64QAM	1	5	14.80	14.85	14.86		
1.4	64QAM	3	0	14.85	14.86	14.76		
1.4	64QAM	3	1	14.87	14.67	14.82		
1.4	64QAM	3	3	14.79	14.83	14.84		
1.4	64QAM	6	0	14.89	14.89	14.87	16.5	0
1.4	256QAM	1	0	14.91	14.98	14.83	16.5	0
1.4	256QAM	1	3	14.82	15.00	14.71		
1.4	256QAM	1	5	14.58	14.79	14.73		
1.4	256QAM	3	0	14.79	14.99	14.77		
1.4	256QAM	3	1	14.84	14.82	14.64		
1.4	256QAM	3	3	14.92	14.82	14.89		
1.4	256QAM	6	0	14.73	14.85	14.73	16.5	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	15.24	15.29	15.27	16.5	0
20	QPSK	1	49	15.17	15.15	15.16		
20	QPSK	1	99	15.22	15.07	15.19		
20	QPSK	50	0	15.21	15.25	15.16	16.5	0
20	QPSK	50	24	15.20	15.09	15.08		
20	QPSK	50	50	15.19	15.15	15.21		
20	QPSK	100	0	15.02	15.20	15.12		
20	16QAM	1	0	15.17	15.10	15.10	16.5	0
20	16QAM	1	49	15.06	15.11	15.27		
20	16QAM	1	99	15.13	15.14	15.18		
20	16QAM	50	0	15.17	15.13	15.10	16.5	0
20	16QAM	50	24	15.12	15.13	15.28		
20	16QAM	50	50	15.12	15.25	15.01		
20	16QAM	100	0	15.17	15.28	15.16		
20	64QAM	1	0	15.21	15.21	15.19	16.5	0
20	64QAM	1	49	15.15	15.13	15.12		
20	64QAM	1	99	15.25	15.16	15.25		
20	64QAM	50	0	15.05	15.05	15.20	16.5	0
20	64QAM	50	24	15.13	15.13	15.23		
20	64QAM	50	50	15.25	15.22	15.21		
20	64QAM	100	0	15.15	15.09	15.18		
20	256QAM	1	0	15.05	15.25	15.20	16.5	0
20	256QAM	1	49	14.96	14.92	15.02		
20	256QAM	1	99	15.18	15.04	15.07		
20	256QAM	50	0	15.17	15.16	15.03	16.5	0
20	256QAM	50	24	15.07	14.99	14.98		
20	256QAM	50	50	15.00	14.98	15.08		
20	256QAM	100	0	14.98	15.02	15.02		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.06	15.21	15.22	16.5	0
15	QPSK	1	37	15.01	15.05	15.14		
15	QPSK	1	74	15.08	14.99	15.16		
15	QPSK	36	0	15.03	15.22	15.03	16.5	0
15	QPSK	36	20	15.04	15.01	15.13		
15	QPSK	36	39	15.12	14.93	15.00		
15	QPSK	75	0	15.07	14.97	14.96		
15	16QAM	1	0	15.10	14.98	15.03	16.5	0
15	16QAM	1	37	14.88	15.02	15.24		
15	16QAM	1	74	14.94	15.05	15.01		
15	16QAM	36	0	15.20	15.06	14.95	16.5	0
15	16QAM	36	20	15.13	15.02	15.12		
15	16QAM	36	39	15.10	15.22	14.98		
15	16QAM	75	0	15.20	15.24	15.21		
15	64QAM	1	0	15.06	14.99	15.22	16.5	0
15	64QAM	1	37	15.03	14.94	14.93		
15	64QAM	1	74	15.17	15.25	14.98		
15	64QAM	36	0	15.05	14.96	15.15	16.5	0
15	64QAM	36	20	15.08	15.08	15.08		
15	64QAM	36	39	15.05	15.03	15.08		
15	64QAM	75	0	14.95	15.00	15.00		
15	256QAM	1	0	15.05	15.28	15.17	16.5	0
15	256QAM	1	37	15.00	15.14	15.11		
15	256QAM	1	74	15.10	15.04	15.08		
15	256QAM	36	0	15.17	15.11	15.10	16.5	0
15	256QAM	36	20	15.12	14.99	14.90		
15	256QAM	36	39	15.10	14.88	15.17		
15	256QAM	75	0	14.86	15.02	15.03		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.02	15.16	15.28	16.5	0
10	QPSK	1	25	14.90	15.06	14.99		
10	QPSK	1	49	15.14	14.97	15.12		
10	QPSK	25	0	15.13	15.26	15.15	16.5	0
10	QPSK	25	12	15.11	15.00	14.94		
10	QPSK	25	25	15.17	15.00	15.05		
10	QPSK	50	0	14.81	15.12	15.00	16.5	0
10	16QAM	1	0	14.97	15.06	15.08		
10	16QAM	1	25	15.10	15.13	15.05		
10	16QAM	1	49	15.00	15.09	15.11		
10	16QAM	25	0	15.06	15.02	14.98	16.5	0
10	16QAM	25	12	15.14	14.98	15.09		
10	16QAM	25	25	15.15	15.23	14.89		
10	16QAM	50	0	15.20	15.16	15.17		
10	64QAM	1	0	15.04	14.98	15.04	16.5	0
10	64QAM	1	25	15.03	15.09	15.01		
10	64QAM	1	49	15.15	15.15	14.99		
10	64QAM	25	0	14.93	15.04	15.04	16.5	0
10	64QAM	25	12	14.90	15.02	15.10		
10	64QAM	25	25	15.15	15.11	15.16		
10	64QAM	50	0	15.04	15.13	15.11	16.5	0
10	256QAM	1	0	15.12	15.17	15.04		
10	256QAM	1	25	14.96	15.06	14.97		
10	256QAM	1	49	15.06	15.06	15.02		
10	256QAM	25	0	15.24	15.08	15.21	16.5	0
10	256QAM	25	12	14.95	15.05	14.90		
10	256QAM	25	25	15.18	15.04	14.99		
10	256QAM	50	0	15.01	15.27	15.07	16.5	0
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.12	15.23	15.14	16.5	0
5	QPSK	1	12	15.05	15.20	15.17		
5	QPSK	1	24	15.11	14.99	15.16		
5	QPSK	12	0	15.12	15.14	15.03	16.5	0
5	QPSK	12	7	15.05	14.97	14.90		
5	QPSK	12	13	15.22	15.15	14.91		
5	QPSK	25	0	15.06	15.10	15.11		
5	16QAM	1	0	15.14	14.85	15.00	16.5	0
5	16QAM	1	12	14.94	14.98	15.08		
5	16QAM	1	24	15.08	15.11	15.07		
5	16QAM	12	0	15.09	15.02	15.08	16.5	0
5	16QAM	12	7	14.94	15.10	15.12		
5	16QAM	12	13	15.12	15.12	14.91		
5	16QAM	25	0	15.17	15.20	14.97		
5	64QAM	1	0	15.10	15.02	15.22	16.5	0
5	64QAM	1	12	15.07	15.02	15.02		
5	64QAM	1	24	15.16	15.12	15.05		
5	64QAM	12	0	15.02	14.93	15.12	16.5	0
5	64QAM	12	7	14.88	14.99	15.19		
5	64QAM	12	13	15.07	15.11	14.96		
5	64QAM	25	0	14.98	15.01	15.13		
5	256QAM	1	0	15.15	15.19	15.16	16.5	0
5	256QAM	1	12	15.01	15.08	15.19		
5	256QAM	1	24	14.99	14.87	15.18		
5	256QAM	12	0	15.13	15.21	15.13	16.5	0
5	256QAM	12	7	15.05	14.96	15.08		
5	256QAM	12	13	15.06	15.03	15.03		
5	256QAM	25	0	14.94	15.14	14.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.11	15.25	15.19	16.5	0
3	QPSK	1	8	15.01	15.06	15.17		
3	QPSK	1	14	15.10	14.97	15.10		
3	QPSK	8	0	15.13	15.27	14.97	16.5	0
3	QPSK	8	4	15.08	14.98	15.00		
3	QPSK	8	7	15.23	14.90	15.13		
3	QPSK	15	0	14.96	15.05	15.05		
3	16QAM	1	0	15.01	15.07	14.92	16.5	0
3	16QAM	1	8	14.96	14.98	15.04		
3	16QAM	1	14	15.02	15.03	15.14		
3	16QAM	8	0	15.13	14.99	15.13	16.5	0
3	16QAM	8	4	14.99	14.98	15.25		
3	16QAM	8	7	14.93	15.07	14.85		
3	16QAM	15	0	15.03	15.22	15.16		
3	64QAM	1	0	15.07	14.97	15.14	16.5	0
3	64QAM	1	8	14.94	15.01	14.95		
3	64QAM	1	14	15.19	15.19	15.02		
3	64QAM	8	0	15.07	15.04	15.05	16.5	0
3	64QAM	8	4	14.85	15.06	15.04		
3	64QAM	8	7	15.11	15.24	15.07		
3	64QAM	15	0	15.12	15.05	15.16		
3	256QAM	1	0	15.17	15.21	15.13	16.5	0
3	256QAM	1	8	15.12	15.08	15.03		
3	256QAM	1	14	15.15	15.15	15.11		
3	256QAM	8	0	15.16	15.05	15.04	16.5	0
3	256QAM	8	4	15.10	14.97	14.94		
3	256QAM	8	7	15.07	14.93	14.97		
3	256QAM	15	0	15.07	15.19	15.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.20	15.23	15.06	16.5	0
1.4	QPSK	1	3	15.01	15.15	15.19		
1.4	QPSK	1	5	15.04	15.06	15.09		
1.4	QPSK	3	0	15.14	15.20	15.05		
1.4	QPSK	3	1	15.10	15.02	14.90		
1.4	QPSK	3	3	15.20	15.07	14.97		
1.4	QPSK	6	0	14.90	15.05	15.03	16.5	0
1.4	16QAM	1	0	15.11	15.00	15.06	16.5	0
1.4	16QAM	1	3	15.00	15.06	15.12		
1.4	16QAM	1	5	15.01	15.12	15.16		
1.4	16QAM	3	0	15.26	15.02	14.93		
1.4	16QAM	3	1	15.06	15.13	15.11		
1.4	16QAM	3	3	15.13	15.17	14.82		
1.4	16QAM	6	0	15.08	15.05	15.00	16.5	0
1.4	64QAM	1	0	15.00	15.05	15.17	16.5	0
1.4	64QAM	1	3	14.94	14.97	14.99		
1.4	64QAM	1	5	15.08	15.18	15.06		
1.4	64QAM	3	0	14.94	15.13	14.95		
1.4	64QAM	3	1	14.93	14.95	15.21		
1.4	64QAM	3	3	15.01	15.14	15.17		
1.4	64QAM	6	0	14.99	14.92	15.09	16.5	0
1.4	256QAM	1	0	15.10	15.05	15.19	16.5	0
1.4	256QAM	1	3	14.92	15.00	15.08		
1.4	256QAM	1	5	15.14	15.03	15.01		
1.4	256QAM	3	0	15.08	15.05	15.08		
1.4	256QAM	3	1	15.09	14.93	15.09		
1.4	256QAM	3	3	15.12	15.07	15.05		
1.4	256QAM	6	0	14.84	15.09	14.93	16.5	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1

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BW [MHz]	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	16.23	16.37	16.36	17.5	0
20	QPSK	1	49	16.26	16.19	16.21		
20	QPSK	1	99	15.98	16.14	16.15		
20	QPSK	50	0	16.19	16.32	16.30	17.5	0
20	QPSK	50	24	16.06	16.21	16.21		
20	QPSK	50	50	16.11	16.09	16.14		
20	QPSK	100	0	16.15	16.33	16.14		
20	16QAM	1	0	16.21	16.13	16.25	17.5	0
20	16QAM	1	49	16.19	16.24	16.00		
20	16QAM	1	99	16.04	16.06	16.15		
20	16QAM	50	0	16.00	15.97	16.12	17.5	0
20	16QAM	50	24	16.11	16.02	16.10		
20	16QAM	50	50	16.20	16.27	16.23		
20	16QAM	100	0	16.04	16.08	16.23		
20	64QAM	1	0	16.16	16.15	16.13	17.5	0
20	64QAM	1	49	16.12	16.30	16.00		
20	64QAM	1	99	16.02	16.27	16.11		
20	64QAM	50	0	16.15	16.14	16.13	17.5	0
20	64QAM	50	24	16.20	16.06	16.21		
20	64QAM	50	50	16.05	16.09	16.10		
20	64QAM	100	0	16.15	16.16	16.14		
20	256QAM	1	0	16.23	16.23	16.24	17.5	0
20	256QAM	1	49	16.18	16.18	16.12		
20	256QAM	1	99	15.86	16.02	16.13		
20	256QAM	50	0	16.05	16.23	16.06	17.5	0
20	256QAM	50	24	15.92	16.16	16.03		
20	256QAM	50	50	15.96	16.01	16.03		
20	256QAM	100	0	16.07	16.19	15.94		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.15	16.24	16.22	17.5	0
15	QPSK	1	37	16.11	16.11	16.09		
15	QPSK	1	74	15.89	16.08	16.01		
15	QPSK	36	0	16.05	16.27	16.24	17.5	0
15	QPSK	36	20	16.00	16.13	16.14		
15	QPSK	36	39	16.05	16.00	16.08		
15	QPSK	75	0	16.06	16.20	16.08		
15	16QAM	1	0	16.10	16.04	16.17	17.5	0
15	16QAM	1	37	16.09	16.17	15.91		
15	16QAM	1	74	15.94	15.93	16.08		
15	16QAM	36	0	15.89	15.84	16.03	17.5	0
15	16QAM	36	20	16.01	15.96	16.00		
15	16QAM	36	39	16.07	16.15	16.09		
15	16QAM	75	0	15.97	15.97	16.10		
15	64QAM	1	0	16.01	16.04	16.00	17.5	0
15	64QAM	1	37	15.97	16.23	15.87		
15	64QAM	1	74	15.87	16.19	16.03		
15	64QAM	36	0	16.01	16.06	15.99	17.5	0
15	64QAM	36	20	16.09	15.94	16.12		
15	64QAM	36	39	15.94	16.02	15.98		
15	64QAM	75	0	16.01	16.07	16.02		
15	256QAM	1	0	16.09	16.13	16.13	17.5	0
15	256QAM	1	37	16.12	16.11	16.01		
15	256QAM	1	74	15.80	15.96	15.99		
15	256QAM	36	0	15.91	16.08	15.92	17.5	0
15	256QAM	36	20	15.79	16.07	15.94		
15	256QAM	36	39	15.86	15.91	15.92		
15	256QAM	75	0	15.94	16.13	15.83		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.13	16.23	16.29	17.5	0
10	QPSK	1	25	16.14	16.12	16.16		
10	QPSK	1	49	15.86	16.00	16.09		
10	QPSK	25	0	16.09	16.21	16.17	17.5	0
10	QPSK	25	12	15.93	16.07	16.11		
10	QPSK	25	25	15.99	15.95	16.01		
10	QPSK	50	0	16.04	16.25	16.08		
10	16QAM	1	0	16.09	16.01	16.12	17.5	0
10	16QAM	1	25	16.10	16.09	15.91		
10	16QAM	1	49	15.97	15.94	16.03		
10	16QAM	25	0	15.89	15.85	16.04	17.5	0
10	16QAM	25	12	15.99	15.94	15.98		
10	16QAM	25	25	16.06	16.21	16.14		
10	16QAM	50	0	15.90	15.94	16.13		
10	64QAM	1	0	16.03	16.10	16.05	17.5	0
10	64QAM	1	25	15.99	16.23	15.94		
10	64QAM	1	49	15.95	16.14	15.99		
10	64QAM	25	0	16.01	16.06	16.02	17.5	0
10	64QAM	25	12	16.10	15.94	16.06		
10	64QAM	25	25	15.91	15.99	15.99		
10	64QAM	50	0	16.07	16.09	16.05		
10	256QAM	1	0	16.09	16.14	16.17	17.5	0
10	256QAM	1	25	16.12	16.09	16.00		
10	256QAM	1	49	15.74	15.91	16.07		
10	256QAM	25	0	15.90	16.16	15.95	17.5	0
10	256QAM	25	12	15.77	16.09	15.98		
10	256QAM	25	25	15.84	15.95	15.95		
10	256QAM	50	0	16.01	16.05	15.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.13	16.32	16.29	17.5	0
5	QPSK	1	12	16.18	16.07	16.10		
5	QPSK	1	24	15.87	16.07	16.05		
5	QPSK	12	0	16.07	16.22	16.16	17.5	0
5	QPSK	12	7	15.93	16.08	16.10		
5	QPSK	12	13	16.03	15.96	16.04		
5	QPSK	25	0	16.08	16.20	16.08		
5	16QAM	1	0	16.16	16.06	16.15	17.5	0
5	16QAM	1	12	16.07	16.13	15.93		
5	16QAM	1	24	15.96	15.94	16.05		
5	16QAM	12	0	15.90	15.84	16.03	17.5	0
5	16QAM	12	7	16.02	15.91	15.96		
5	16QAM	12	13	16.10	16.19	16.17		
5	16QAM	25	0	15.94	15.99	16.14		
5	64QAM	1	0	16.11	16.06	16.04	17.5	0
5	64QAM	1	12	16.03	16.22	15.87		
5	64QAM	1	24	15.96	16.13	16.00		
5	64QAM	12	0	16.09	16.06	15.98	17.5	0
5	64QAM	12	7	16.14	15.92	16.13		
5	64QAM	12	13	15.92	16.03	16.01		
5	64QAM	25	0	16.05	16.03	16.08		
5	256QAM	1	0	16.14	16.14	16.14	17.5	0
5	256QAM	1	12	16.04	16.13	16.06		
5	256QAM	1	24	15.72	15.97	15.99		
5	256QAM	12	0	15.95	16.17	15.91	17.5	0
5	256QAM	12	7	15.80	16.09	15.89		
5	256QAM	12	13	15.85	15.90	15.94		
5	256QAM	25	0	15.95	16.07	15.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.49		18.5	0
10	QPSK	1	25		17.46			
10	QPSK	1	49		17.39			
10	QPSK	25	0		17.45		18.5	0
10	QPSK	25	12		17.42			
10	QPSK	25	25		17.36			
10	QPSK	50	0		17.41			
10	16QAM	1	0		17.39		18.5	0
10	16QAM	1	25		17.46			
10	16QAM	1	49		17.36			
10	16QAM	25	0		17.40		18.5	0
10	16QAM	25	12		17.32			
10	16QAM	25	25		17.45			
10	16QAM	50	0		17.43			
10	64QAM	1	0		17.40		18.5	0
10	64QAM	1	25		17.29			
10	64QAM	1	49		17.27			
10	64QAM	25	0		17.36		18.5	0
10	64QAM	25	12		17.39			
10	64QAM	25	25		17.40			
10	64QAM	50	0		17.48			
10	256QAM	1	0		17.35		18.5	0
10	256QAM	1	25		17.40			
10	256QAM	1	49		17.30			
10	256QAM	25	0		17.43		18.5	0
10	256QAM	25	12		17.34			
10	256QAM	25	25		17.36			
10	256QAM	50	0		17.37			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.41	17.41	17.43	18.5	0
5	QPSK	1	12	17.38	17.46	17.38		
5	QPSK	1	24	17.22	17.28	17.21		
5	QPSK	12	0	17.34	17.34	17.34	18.5	0
5	QPSK	12	7	17.23	17.38	17.37		
5	QPSK	12	13	17.39	17.28	17.26		
5	QPSK	25	0	17.39	17.31	17.38		
5	16QAM	1	0	17.32	17.42	17.32	18.5	0
5	16QAM	1	12	17.28	17.37	17.47		
5	16QAM	1	24	17.30	17.30	17.27		
5	16QAM	12	0	17.28	17.31	17.29	18.5	0
5	16QAM	12	7	17.19	17.26	17.26		
5	16QAM	12	13	17.36	17.34	17.44		
5	16QAM	25	0	17.27	17.31	17.40		
5	64QAM	1	0	17.21	17.35	17.42	18.5	0
5	64QAM	1	12	17.08	17.25	17.14		
5	64QAM	1	24	17.14	17.22	17.15		
5	64QAM	12	0	17.25	17.35	17.27	18.5	0
5	64QAM	12	7	17.27	17.36	17.22		
5	64QAM	12	13	17.34	17.37	17.25		
5	64QAM	25	0	17.45	17.39	17.42		
5	256QAM	1	0	17.30	17.30	17.16	18.5	0
5	256QAM	1	12	17.41	17.40	17.31		
5	256QAM	1	24	17.34	17.33	17.21		
5	256QAM	12	0	17.31	17.43	17.42	18.5	0
5	256QAM	12	7	17.14	17.29	17.13		
5	256QAM	12	13	17.25	17.32	17.32		
5	256QAM	25	0	17.38	17.35	17.27		

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BW [MHz]	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	14.52	14.69	14.57	15	0
20	QPSK	1	49	14.36	14.65	14.57		
20	QPSK	1	99	14.39	14.56	14.41		
20	QPSK	50	0	14.53	14.66	14.53		
20	QPSK	50	24	14.45	14.51	14.48		
20	QPSK	50	50	14.42	14.42	14.41		
20	QPSK	100	0	14.51	14.54	14.50		
20	16QAM	1	0	14.54	14.35	14.47		
20	16QAM	1	49	14.52	14.50	14.43	15	0
20	16QAM	1	99	14.43	14.52	14.40		
20	16QAM	50	0	14.35	14.30	14.48		
20	16QAM	50	24	14.48	14.44	14.50	15	0
20	16QAM	50	50	14.58	14.61	14.42		
20	16QAM	100	0	14.42	14.36	14.46		
20	64QAM	1	0	14.61	14.52	14.51	15	0
20	64QAM	1	49	14.45	14.53	14.54		
20	64QAM	1	99	14.52	14.51	14.39		
20	64QAM	50	0	14.41	14.50	14.36	15	0
20	64QAM	50	24	14.40	14.35	14.46		
20	64QAM	50	50	14.46	14.55	14.51		
20	64QAM	100	0	14.46	14.55	14.55		
20	256QAM	1	0	14.51	14.60	14.45	15	0
20	256QAM	1	49	14.33	14.39	14.47		
20	256QAM	1	99	14.40	14.30	14.43		
20	256QAM	50	0	14.37	14.55	14.38	15	0
20	256QAM	50	24	14.45	14.41	14.30		
20	256QAM	50	50	14.34	14.36	14.37		
20	256QAM	100	0	14.38	14.48	14.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.40	14.51	14.42	15	0
15	QPSK	1	37	14.40	14.50	14.46		
15	QPSK	1	74	14.39	14.29	14.27		
15	QPSK	36	0	14.35	14.50	14.32		
15	QPSK	36	20	14.32	14.36	14.39	15	0
15	QPSK	36	39	14.33	14.28	14.28		
15	QPSK	75	0	14.40	14.54	14.38		
15	16QAM	1	0	14.47	14.35	14.30	15	0
15	16QAM	1	37	14.35	14.37	14.28		
15	16QAM	1	74	14.37	14.51	14.38		
15	16QAM	36	0	14.29	14.28	14.34		
15	16QAM	36	20	14.35	14.40	14.34	15	0
15	16QAM	36	39	14.51	14.42	14.34		
15	16QAM	75	0	14.20	14.39	14.27		
15	64QAM	1	0	14.45	14.46	14.41		
15	64QAM	1	37	14.31	14.40	14.47	15	0
15	64QAM	1	74	14.35	14.50	14.42		
15	64QAM	36	0	14.24	14.36	14.25		
15	64QAM	36	20	14.31	14.37	14.37	15	0
15	64QAM	36	39	14.40	14.37	14.32		
15	64QAM	75	0	14.32	14.42	14.35		
15	256QAM	1	0	14.44	14.59	14.41		
15	256QAM	1	37	14.37	14.56	14.39	15	0
15	256QAM	1	74	14.33	14.22	14.22		
15	256QAM	36	0	14.46	14.61	14.43		
15	256QAM	36	20	14.38	14.41	14.35	15	0
15	256QAM	36	39	14.25	14.31	14.36		
15	256QAM	75	0	14.38	14.45	14.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.20	14.42	14.55	15	0
10	QPSK	1	25	14.31	14.24	14.41		
10	QPSK	1	49	14.44	14.54	14.40		
10	QPSK	25	0	14.36	14.41	14.37	15	0
10	QPSK	25	12	14.31	14.45	14.31		
10	QPSK	25	25	14.39	14.48	14.49		
10	QPSK	50	0	14.49	14.31	14.37		
10	16QAM	1	0	14.32	14.48	14.38	15	0
10	16QAM	1	25	14.28	14.49	14.31		
10	16QAM	1	49	14.22	14.27	14.28		
10	16QAM	25	0	14.39	14.39	14.40		
10	16QAM	25	12	14.49	14.50	14.26	15	0
10	16QAM	25	25	14.30	14.28	14.33		
10	16QAM	50	0	14.45	14.51	14.40		
10	64QAM	1	0	14.29	14.42	14.56		
10	64QAM	1	25	14.48	14.38	14.38	15	0
10	64QAM	1	49	14.27	14.32	14.31		
10	64QAM	25	0	14.33	14.36	14.49		
10	64QAM	25	12	14.41	14.44	14.36	15	0
10	64QAM	25	25	14.38	14.53	14.45		
10	64QAM	50	0	14.31	14.46	14.40		
10	256QAM	1	0	14.42	14.59	14.57		
10	256QAM	1	25	14.30	14.58	14.36	15	0
10	256QAM	1	49	14.35	14.35	14.28		
10	256QAM	25	0	14.40	14.47	14.45		
10	256QAM	25	12	14.38	14.45	14.37	15	0
10	256QAM	25	25	14.30	14.28	14.27		
10	256QAM	50	0	14.36	14.50	14.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.43	14.46	14.39	15	0
5	QPSK	1	12	14.31	14.37	14.39		
5	QPSK	1	24	14.32	14.34	14.32		
5	QPSK	12	0	14.39	14.57	14.45	15	0
5	QPSK	12	7	14.37	14.41	14.39		
5	QPSK	12	13	14.33	14.34	14.24		
5	QPSK	25	0	14.34	14.50	14.36		
5	16QAM	1	0	14.47	14.25	14.36	15	0
5	16QAM	1	12	14.29	14.31	14.30		
5	16QAM	1	24	14.32	14.42	14.36		
5	16QAM	12	0	14.35	14.15	14.25	15	0
5	16QAM	12	7	14.46	14.42	14.33		
5	16QAM	12	13	14.60	14.44	14.36		
5	16QAM	25	0	14.32	14.24	14.25		
5	64QAM	1	0	14.36	14.52	14.37	15	0
5	64QAM	1	12	14.27	14.42	14.41		
5	64QAM	1	24	14.25	14.15	14.24		
5	64QAM	12	0	14.36	14.31	14.27	15	0
5	64QAM	12	7	14.35	14.36	14.38		
5	64QAM	12	13	14.45	14.45	14.32		
5	64QAM	25	0	14.32	14.43	14.43		
5	256QAM	1	0	14.47	14.53	14.52	15	0
5	256QAM	1	12	14.19	14.57	14.51		
5	256QAM	1	24	14.32	14.40	14.53		
5	256QAM	12	0	14.38	14.24	14.14	15	0
5	256QAM	12	7	14.39	14.37	14.51		
5	256QAM	12	13	14.24	14.39	14.34		
5	256QAM	25	0	14.33	14.44	14.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.47	14.52	14.47	15	0
3	QPSK	1	8	14.34	14.43	14.41		
3	QPSK	1	14	14.45	14.29	14.35		
3	QPSK	8	0	14.37	14.48	14.37	15	0
3	QPSK	8	4	14.37	14.40	14.37		
3	QPSK	8	7	14.35	14.34	14.35		
3	QPSK	15	0	14.48	14.53	14.44		
3	16QAM	1	0	14.45	14.24	14.36	15	0
3	16QAM	1	8	14.42	14.34	14.28		
3	16QAM	1	14	14.36	14.40	14.35		
3	16QAM	8	0	14.28	14.20	14.31	15	0
3	16QAM	8	4	14.47	14.48	14.32		
3	16QAM	8	7	14.49	14.48	14.26		
3	16QAM	15	0	14.37	14.33	14.22		
3	64QAM	1	0	14.52	14.38	14.36	15	0
3	64QAM	1	8	14.30	14.43	14.36		
3	64QAM	1	14	14.39	14.35	14.40		
3	64QAM	8	0	14.21	14.32	14.42	15	0
3	64QAM	8	4	14.37	14.31	14.40		
3	64QAM	8	7	14.31	14.45	14.32		
3	64QAM	15	0	14.39	14.56	14.43		
3	256QAM	1	0	14.51	14.49	14.54	15	0
3	256QAM	1	8	14.17	14.52	14.48		
3	256QAM	1	14	14.40	14.29	14.29		
3	256QAM	8	0	14.45	14.48	14.40	15	0
3	256QAM	8	4	14.31	14.48	14.36		
3	256QAM	8	7	14.44	14.26	14.19		
3	256QAM	15	0	14.37	14.46	14.32		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.47	14.60	14.47	15	0
1.4	QPSK	1	3	14.28	14.46	14.55		
1.4	QPSK	1	5	14.39	14.32	14.40		
1.4	QPSK	3	0	14.46	14.51	14.37		
1.4	QPSK	3	1	14.40	14.42	14.45		
1.4	QPSK	3	3	14.35	14.40	14.37		
1.4	QPSK	6	0	14.52	14.48	14.36	15	0
1.4	16QAM	1	0	14.44	14.33	14.37	15	0
1.4	16QAM	1	3	14.42	14.46	14.32		
1.4	16QAM	1	5	14.32	14.41	14.36		
1.4	16QAM	3	0	14.37	14.27	14.46		
1.4	16QAM	3	1	14.37	14.44	14.27		
1.4	16QAM	3	3	14.48	14.50	14.40		
1.4	16QAM	6	0	14.35	14.32	14.34	15	0
1.4	64QAM	1	0	14.46	14.41	14.42	15	0
1.4	64QAM	1	3	14.32	14.36	14.45		
1.4	64QAM	1	5	14.40	14.42	14.26		
1.4	64QAM	3	0	14.24	14.35	14.26		
1.4	64QAM	3	1	14.39	14.21	14.50		
1.4	64QAM	3	3	14.48	14.29	14.36		
1.4	64QAM	6	0	14.29	14.46	14.46	15	0
1.4	256QAM	1	0	14.43	14.60	14.48	15	0
1.4	256QAM	1	3	14.29	14.39	14.47		
1.4	256QAM	1	5	14.31	14.40	14.30		
1.4	256QAM	3	0	14.44	14.52	14.28		
1.4	256QAM	3	1	14.37	14.42	14.38		
1.4	256QAM	3	3	14.43	14.42	14.38		
1.4	256QAM	6	0	14.41	14.46	14.43	15	0

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BW [MHz]	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	15.16	15.38	15.12	15	0
20	QPSK	1	49	15.27	15.26	15.20		
20	QPSK	1	99	15.15	15.24	15.14		
20	QPSK	50	0	15.19	15.26	15.12		
20	QPSK	50	24	15.14	15.09	15.02		
20	QPSK	50	50	15.21	15.24	15.14		
20	QPSK	100	0	15.12	15.24	15.21		
20	16QAM	1	0	15.11	15.06	15.13		
20	16QAM	1	49	15.19	15.18	15.09	15	0
20	16QAM	1	99	15.09	15.18	15.20		
20	16QAM	50	0	15.16	15.25	15.05		
20	16QAM	50	24	15.07	15.12	15.19		
20	16QAM	50	50	15.11	15.20	15.05		
20	16QAM	100	0	15.19	15.25	15.29		
20	64QAM	1	0	15.21	15.12	15.14	15	0
20	64QAM	1	49	15.17	15.09	15.14		
20	64QAM	1	99	15.29	15.28	15.28		
20	64QAM	50	0	15.10	15.12	15.11	15	0
20	64QAM	50	24	15.18	15.17	15.33		
20	64QAM	50	50	15.17	15.16	15.24		
20	64QAM	100	0	15.09	15.13	15.18		
20	256QAM	1	0	15.06	15.24	15.03	15	0
20	256QAM	1	49	15.06	15.05	15.10		
20	256QAM	1	99	15.00	15.20	15.05		
20	256QAM	50	0	15.14	15.11	15.09	15	0
20	256QAM	50	24	15.03	15.04	14.94		
20	256QAM	50	50	15.24	15.16	15.07		
20	256QAM	100	0	14.97	15.20	15.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.11	15.27	15.16	15	0
15	QPSK	1	37	15.10	15.28	15.07		
15	QPSK	1	74	15.04	15.08	15.11		
15	QPSK	36	0	15.23	15.06	15.00	15	0
15	QPSK	36	20	15.05	15.05	14.96		
15	QPSK	36	39	15.22	15.11	15.08		
15	QPSK	75	0	15.03	15.13	15.16		
15	16QAM	1	0	15.00	15.00	15.12		
15	16QAM	1	37	15.18	14.88	15.01	15	0
15	16QAM	1	74	14.93	15.10	15.02		
15	16QAM	36	0	15.10	15.12	14.94		
15	16QAM	36	20	15.01	14.94	15.01	15	0
15	16QAM	36	39	15.04	15.05	14.99		
15	16QAM	75	0	15.11	14.96	15.36		
15	64QAM	1	0	15.05	15.07	15.16		
15	64QAM	1	37	15.10	14.96	14.93	15	0
15	64QAM	1	74	15.10	15.16	15.09		
15	64QAM	36	0	15.12	14.95	14.96		
15	64QAM	36	20	15.01	14.90	15.17	15	0
15	64QAM	36	39	14.98	15.16	15.13		
15	64QAM	75	0	14.97	15.03	15.00		
15	256QAM	1	0	15.18	15.32	15.11	15	0
15	256QAM	1	37	15.13	15.24	15.18		
15	256QAM	1	74	15.09	15.20	15.09		
15	256QAM	36	0	15.25	15.20	15.00	15	0
15	256QAM	36	20	15.14	15.08	15.08		
15	256QAM	36	39	15.14	15.11	15.18		
15	256QAM	75	0	15.00	15.11	15.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.05	15.34	15.03	15	0
10	QPSK	1	25	15.23	15.23	15.07		
10	QPSK	1	49	15.01	15.13	14.93		
10	QPSK	25	0	15.19	15.18	15.12	15	0
10	QPSK	25	12	14.96	15.12	15.06		
10	QPSK	25	25	15.14	15.09	15.18		
10	QPSK	50	0	15.09	15.21	15.04		
10	16QAM	1	0	14.99	14.94	15.00	15	0
10	16QAM	1	25	15.04	15.15	15.00		
10	16QAM	1	49	15.08	15.02	15.06		
10	16QAM	25	0	15.03	15.11	14.97		
10	16QAM	25	12	15.10	15.17	15.04	15	0
10	16QAM	25	25	15.05	15.06	15.00		
10	16QAM	50	0	15.19	15.08	15.30		
10	64QAM	1	0	14.99	15.04	15.19		
10	64QAM	1	25	15.20	14.94	15.00	15	0
10	64QAM	1	49	15.15	15.27	15.18		
10	64QAM	25	0	15.13	14.95	15.09		
10	64QAM	25	12	15.05	14.90	15.05	15	0
10	64QAM	25	25	15.04	15.19	15.21		
10	64QAM	50	0	15.04	15.06	14.98		
10	256QAM	1	0	14.97	15.28	15.15		
10	256QAM	1	25	15.08	15.10	15.23	15	0
10	256QAM	1	49	14.99	15.10	14.94		
10	256QAM	25	0	15.14	15.07	15.05		
10	256QAM	25	12	14.95	14.97	15.00	15	0
10	256QAM	25	25	15.17	15.07	15.18		
10	256QAM	50	0	14.99	15.18	15.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.04	15.14	15.04	15	0
5	QPSK	1	12	15.17	15.21	15.16		
5	QPSK	1	24	14.94	15.07	14.99		
5	QPSK	12	0	15.03	15.18	14.92	15	0
5	QPSK	12	7	15.10	15.04	14.97		
5	QPSK	12	13	15.13	15.12	15.06		
5	QPSK	25	0	15.00	15.10	15.23		
5	16QAM	1	0	15.19	15.00	15.03	15	0
5	16QAM	1	12	15.16	14.94	14.97		
5	16QAM	1	24	15.08	15.01	15.04		
5	16QAM	12	0	15.02	15.15	14.98	15	0
5	16QAM	12	7	15.05	14.98	14.97		
5	16QAM	12	13	14.97	15.16	15.04		
5	16QAM	25	0	14.93	15.19	15.33		
5	64QAM	1	0	15.11	14.98	15.01	15	0
5	64QAM	1	12	15.16	15.10	15.05		
5	64QAM	1	24	15.15	15.11	15.24		
5	64QAM	12	0	15.11	14.92	15.07	15	0
5	64QAM	12	7	15.15	15.06	15.25		
5	64QAM	12	13	15.06	15.03	15.16		
5	64QAM	25	0	15.01	15.08	15.16		
5	256QAM	1	0	15.04	15.19	14.99	15	0
5	256QAM	1	12	15.22	15.25	15.17		
5	256QAM	1	24	15.00	15.13	14.97		
5	256QAM	12	0	15.10	15.24	15.14	15	0
5	256QAM	12	7	15.05	14.98	14.95		
5	256QAM	12	13	15.04	15.13	15.04		
5	256QAM	25	0	15.00	15.18	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.14	15.21	15.19	15	0
3	QPSK	1	8	15.24	15.09	15.14		
3	QPSK	1	14	15.02	15.02	15.00		
3	QPSK	8	0	15.12	15.22	15.03	15	0
3	QPSK	8	4	15.07	14.95	15.00		
3	QPSK	8	7	15.19	15.00	15.01		
3	QPSK	15	0	15.15	15.07	15.11		
3	16QAM	1	0	15.09	14.93	15.02	15	0
3	16QAM	1	8	14.94	14.96	15.06		
3	16QAM	1	14	14.91	15.02	15.07		
3	16QAM	8	0	15.12	15.05	14.85	15	0
3	16QAM	8	4	14.97	15.22	15.09		
3	16QAM	8	7	15.16	15.20	14.96		
3	16QAM	15	0	15.04	15.05	15.29		
3	64QAM	1	0	15.09	15.18	15.18	15	0
3	64QAM	1	8	15.05	15.00	15.08		
3	64QAM	1	14	15.15	15.23	15.25		
3	64QAM	8	0	15.11	14.96	14.97	15	0
3	64QAM	8	4	15.06	14.97	15.17		
3	64QAM	8	7	14.91	15.23	15.17		
3	64QAM	15	0	15.09	15.06	14.99		
3	256QAM	1	0	15.12	15.16	15.22	15	0
3	256QAM	1	8	15.27	15.07	15.27		
3	256QAM	1	14	14.97	15.20	14.99		
3	256QAM	8	0	15.12	15.19	15.01	15	0
3	256QAM	8	4	14.96	15.03	14.88		
3	256QAM	8	7	15.25	15.18	15.13		
3	256QAM	15	0	15.11	15.17	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.09	15.30	15.05	15	0
1.4	QPSK	1	3	15.14	15.15	15.01		
1.4	QPSK	1	5	15.04	15.14	15.05		
1.4	QPSK	3	0	15.02	15.10	15.03		
1.4	QPSK	3	1	14.90	15.09	14.91		
1.4	QPSK	3	3	15.20	15.12	15.19		
1.4	QPSK	6	0	15.10	15.20	15.24	15	0
1.4	16QAM	1	0	15.01	15.05	15.18	15	0
1.4	16QAM	1	3	15.10	15.01	15.01		
1.4	16QAM	1	5	15.11	15.16	15.05		
1.4	16QAM	3	0	15.04	15.22	14.90		
1.4	16QAM	3	1	14.92	15.00	15.10		
1.4	16QAM	3	3	15.15	15.13	15.05		
1.4	16QAM	6	0	14.95	15.08	15.25	15	0
1.4	64QAM	1	0	15.06	15.06	15.15	15	0
1.4	64QAM	1	3	15.09	14.94	15.08		
1.4	64QAM	1	5	15.18	15.19	15.20		
1.4	64QAM	3	0	14.95	14.98	15.11		
1.4	64QAM	3	1	15.15	15.03	15.14		
1.4	64QAM	3	3	15.08	15.19	15.16		
1.4	64QAM	6	0	15.00	15.11	15.03	15	0
1.4	256QAM	1	0	15.21	15.27	15.10	15	0
1.4	256QAM	1	3	15.13	15.21	15.10		
1.4	256QAM	1	5	14.95	15.10	15.07		
1.4	256QAM	3	0	15.18	15.21	14.99		
1.4	256QAM	3	1	15.01	15.06	15.02		
1.4	256QAM	3	3	15.13	15.16	15.05		
1.4	256QAM	6	0	15.03	15.12	15.08	15	0

Band 4 Ant 4 DSI3

BW [MHz]	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	15.44	15.69	15.57	16.5	0
20	QPSK	1	49	15.59	15.49	15.68		
20	QPSK	1	99	15.53	15.44	15.45		
20	QPSK	50	0	15.61	15.63	15.57		
20	QPSK	50	24	15.58	15.56	15.40	16.5	0
20	QPSK	50	50	15.54	15.60	15.57		
20	QPSK	100	0	15.51	15.57	15.51		
20	16QAM	1	0	15.49	15.49	15.49		
20	16QAM	1	49	15.61	15.51	15.52	16.5	0
20	16QAM	1	99	15.37	15.46	15.57		
20	16QAM	50	0	15.56	15.43	15.42		
20	16QAM	50	24	15.58	15.51	15.61	16.5	0
20	16QAM	50	50	15.59	15.54	15.55		
20	16QAM	100	0	15.52	15.57	15.52		
20	64QAM	1

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BW [MHz]	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	21.02	21.35	20.96	22	0
10	QPSK	1	25	20.90	21.02	20.94		
10	QPSK	1	49	20.97	21.03	21.06		
10	QPSK	25	0	21.12	21.22	20.97	22	0
10	QPSK	25	12	20.94	20.93	20.87		
10	QPSK	25	25	20.92	21.04	21.02		
10	QPSK	50	0	21.03	21.16	21.00		
10	16QAM	1	0	21.16	21.16	21.13		
10	16QAM	1	25	21.28	21.20	21.05	22	0
10	16QAM	1	49	21.12	21.05	20.96		
10	16QAM	25	0	20.72	20.83	20.81		
10	16QAM	25	12	20.64	20.58	20.59	21.5	0.5
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	21.5	0.5
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	20.5	1.5
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	18.5	3.5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	18.5	3.5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.17	21.18	21.12	22	0
5	QPSK	1	12	21.01	21.06	20.94		
5	QPSK	1	24	21.00	20.99	21.05		
5	QPSK	12	0	21.04	20.92	20.83	22	0
5	QPSK	12	7	21.11	20.97	21.02		
5	QPSK	12	13	21.00	20.91	21.01		
5	QPSK	25	0	20.89	20.94	20.96		
5	16QAM	1	0	21.06	21.08	21.12	22	0
5	16QAM	1	12	21.23	21.11	21.08		
5	16QAM	1	24	21.18	21.10	21.04		
5	16QAM	12	0	20.59	20.58	20.65	21.5	0.5
5	16QAM	12	7	20.50	20.41	20.53		
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	21.5	0.5
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45	20.5	1.5
5	64QAM	12	7	19.30	19.40	19.52		
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52	18.5	3.5
5	256QAM	1	12	17.52	17.40	17.52		
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46	18.5	3.5
5	256QAM	12	7	17.37	17.35	17.30		
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.97	21.16	21.02	22	0
3	QPSK	1	8	21.04	20.98	21.04		
3	QPSK	1	14	20.94	21.00	20.97		
3	QPSK	8	0	21.04	21.06	20.91	22	0
3	QPSK	8	4	21.00	21.01	20.87		
3	QPSK	8	7	21.06	21.07	20.94		
3	QPSK	15	0	20.86	20.99	20.82		
3	16QAM	1	0	21.20	21.21	20.90	22	0
3	16QAM	1	8	21.21	21.14	21.12		
3	16QAM	1	14	21.11	21.04	21.10		
3	16QAM	8	0	20.69	20.57	20.65	21.5	0.5
3	16QAM	8	4	20.51	20.56	20.50		
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35	21.5	0.5
3	64QAM	1	8	20.57	20.52	20.50		
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41	20.5	1.5
3	64QAM	8	4	19.31	19.34	19.52		
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52	18.5	3.5
3	256QAM	1	8	17.39	17.40	17.48		
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38	18.5	3.5
3	256QAM	8	4	17.36	17.29	17.38		
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.03	20.93	20.90	22	0
1.4	QPSK	1	3	20.83	20.77	21.00		
1.4	QPSK	1	5	20.99	20.90	20.81		
1.4	QPSK	3	0	21.11	21.13	21.13		
1.4	QPSK	3	1	20.89	20.99	20.97		
1.4	QPSK	3	3	20.91	20.92	20.88		
1.4	QPSK	6	0	20.76	20.84	20.91	22	0
1.4	16QAM	1	0	20.90	20.80	20.95	22	0
1.4	16QAM	1	3	21.02	20.98	20.92		
1.4	16QAM	1	5	20.91	20.79	20.76		
1.4	16QAM	3	0	21.14	21.11	20.80		
1.4	16QAM	3	1	21.10	21.08	21.01		
1.4	16QAM	3	3	21.16	21.00	20.91		
1.4	16QAM	6	0	20.62	20.46	20.57	21.5	0.5
1.4	64QAM	1	0	20.43	20.56	20.27	21.5	0.5
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43		
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	20.5	1.5
1.4	256QAM	1	0	17.46	17.39	17.55	18.5	3.5
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36		
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	18.5	3.5

Band 12 Ant 4 DSI3 sig path:300

BW [MHz]	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	21.34	21.47	21.33	22	0
10	QPSK	1	25	21.32	21.19	21.38		
10	QPSK	1	49	21.17	21.31	21.27		
10	QPSK	25	0	21.25	21.41	21.39	22	0
10	QPSK	25	12	21.27	21.32	21.11		
10	QPSK	25	25	21.30	21.21	21.11		
10	QPSK	50	0	21.33	21.35	21.34		
10	16QAM	1	0	21.40	21.32	21.20		
10	16QAM	1	25	21.40	21.43	21.30	22	0
10	16QAM	1	49	21.34	21.10	21.29		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.90	20.87	21.5	0.5
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.91	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	21.5	0.5
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	20.5	1.5
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	18.5	3.5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	18.5	3.5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.39	21.46	21.41	22	0
5	QPSK	1	12	21.17	21.12	21.46		
5	QPSK	1	24	21.27	21.24	21.39		
5	QPSK	12	0	21.33	21.29	21.29	22	0
5	QPSK	12	7	21.20	21.34	21.30		
5	QPSK	12	13	21.26	21.22	21.26		
5	QPSK	25	0	21.14	21.33	21.23		
5	16QAM	1	0	21.30	21.30	21.29	22	0
5	16QAM	1	12	21.31	21.40	21.31		
5	16QAM	1	24	21.37	21.39	21.25		
5	16QAM	12	0	20.84	20.69	20.94	21.5	0.5
5	16QAM	12	7	20.78	20.65	20.82		
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	21.5	0.5
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74	20.5	1.5
5	64QAM	12	7	19.62	19.60	19.68		
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73	18.5	3.5
5	256QAM	1	12	17.67	17.64	17.68		
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66	18.5	3.5
5	256QAM	12	7	17.52	17.59	17.57		
5	256QAM	12	13	17.51	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.32	21.39	21.29	22	0
3	QPSK	1	8	21.27	21.35	21.46		
3	QPSK	1	14	21.14	21.35	21.40		
3	QPSK	8	0	21.37	21.37	21.29	22	0
3	QPSK	8	4	21.33	21.31	21.20		
3	QPSK	8	7	21.25	21.19	21.13		
3	QPSK	15	0	21.13	21.37	21.29		
3	16QAM	1	0	21.30	21.40	21.25	22	0
3	16QAM	1	8	21.30	21.41	21.45		
3	16QAM	1	14	21.47	21.32	21.40		
3	16QAM	8	0	20.84	20.72	21.03	21.5	0.5
3	16QAM	8	4	20.81	20.65	20.75		
3	16QAM	8	7	20.60	20.67	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51	21.5	0.5
3	64QAM	1	8	20.79	20.70	20.72		
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65	20.5	1.5
3	64QAM	8	4	19.72	19.54	19.74		
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71	18.5	3.5
3	256QAM	1	8	17.68	17.75	17.70		
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64	18.5	3.5
3	256QAM	8	4	17.61	17.56	17.60		
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.37	21.18	21.28	22	0
1.4	QPSK	1	3	21.23	21.18	21.14		
1.4	QPSK	1	5	21.12	21.34	21.21		
1.4	QPSK	3	0	21.43	21.24	21.22		
1.4	QPSK	3	1	21.37	21.02	21.08		
1.4	QPSK	3	3	21.30	21.36	21.40		
1.4	QPSK	6	0	21.09	21.24	21.07	22	0
1.4	16QAM	1	0	21.07	20.98	21.32	22	0
1.4	16QAM	1	3	21.18	21.16	21.10		
1.4	16QAM	1	5	21.04	21.01	21.18		
1.4	16QAM	3	0	21.39	21.37	21.14		
1.4	16QAM	3	1	21.15	21.35	21.24		
1.4	16QAM	3	3	21.35	21.44	20.98		
1.4	16QAM	6	0	20.89	20.66	20.84	21.5	0.5
1.4	64QAM	1	0	20.72	20.79	20.53	21.5	0.5
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71		
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	20.5	1.5
1.4	256QAM	1	0	17.78	17.65	17.81	18.5	3.5
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68		
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	18.5	3.5

Band 13 Ant 4 DSI3

BW [MHz]	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		20.31		21	0
10	QPSK	1	25		20.20			
10	QPSK	1	49		20.20			
10	QPSK	25	0		20.25		21	0
10	QPSK	25	12		20.15			
10	QPSK	25	25		20.21			
10	QPSK	50	0		20.18			
10	16QAM	1	0		20.24			
10	16QAM	1	25		20.29		21	0
10	16QAM	1	49		20.10			
10	16QAM	25	0		20.29			
10	16QAM	25	12		20.17		21	0
10	16QAM	25	25		20.28			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.25			
10	64QAM	1	25		20.14		21	0
10	64QAM	1	49		20.22			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	0
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	2
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	2
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.03	20.27	20.29	21	0
5	QPSK	1	12	20.11	20.08	20.00		
5	QPSK	1	24	20.14	20.09	20.20		
5	QPSK	12	0	20.03	20.17	20.10	21	0
5	QPSK	12	7	19.97	20.05	20.05		
5	QPSK	12	13	20.26	20.20	19.99		
5	QPSK	25	0	20.07	20.09	20.12		
5	16QAM	1	0	20.14	20.22	20.19	21	0
5	16QAM	1	12	20.20	20.24	20.09		
5	16QAM	1	24	20.08	20.11	19.91		
5	16QAM	12	0	20.14	20.29	20.19	21	0
5	16QAM	12	7	20.09	20.07	20.05		
5	16QAM	12	13	20.16	20.27	20.11		
5	16QAM	25	0	20.25	20.12	20.28		
5	64QAM	1	0	20.20	20.25	20.04	21	0
5	64QAM	1	12	20.00	20.17	20.14		
5	64QAM	1	24	20.05	20.20	20.18		
5	64QAM	12	0	19.47	19.39	19.40	21	0
5	64QAM	12	7	19.38	19.41	19.35		
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35	19	2
5	256QAM	1	12	17.34	17.32	17.29		
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53	19	2
5	256QAM	12	7	17.47	17.43	17.42		
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI3 sig path:378

BW [MHz]	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		20.08		21	0
10	QPSK	1	25		20.04			
10	QPSK	1	49		20.07			
10	QPSK	25	0		20.06		21	0
10	QPSK	25	12		19.97			
10	QPSK	25	25		20.05			
10	QPSK	50	0		20.03			
10	16QAM	1	0		19.96			
10	16QAM	1	25		19.98		21	0
10	16QAM	1	49		19.91			
10	16QAM	25	0		20.01			
10	16QAM	25	12		20.03		21	0
10	16QAM	25	25		20.04			
10	16QAM	50	0		19.99			
10	64QAM	1	0		19.93			
10	64QAM	1	25		19.93		21	0
10	64QAM	1	49		19.96			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	0
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	2
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	2
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.84	19.99	19.95	21	0
5	QPSK	1	12	19.92	19.99	19.99		
5	QPSK	1	24	20.01	20.04	19.94		
5	QPSK	12	0	20.00	20.05	20.04	21	0
5	QPSK	12	7	19.94	19.86	19.86		
5	QPSK	12	13	20.00	19.92	19.90		
5	QPSK	25	0	19.89	19.95	19.99		
5	16QAM	1	0	19.78	19.90	19.96	21	0
5	16QAM	1	12	19.82	19.86	19.88		
5	16QAM	1	24	19.79	19.84	19.83		
5	16QAM	12	0	19.79	19.95	19.87	21	0
5	16QAM	12	7	19.82	19.91	19.98		
5	16QAM	12	13	19.96	19.96	19.95		
5	16QAM	25	0	19.76	19.92	19.85		
5	64QAM	1	0	19.90	19.84	19.85	21	0
5	64QAM	1	12	19.89	19.91	19.81		
5	64QAM	1	24	19.95	19.93	19.85		
5	64QAM	12	0	19.13	19.15	19.22	21	0
5	64QAM	12	7	19.13	19.24	19.19		
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20	19	2
5	256QAM	1	12	17.16	17.12	17.13		
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26	19	2
5	256QAM	12	7	17.23	17.22	17.31		
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.78			
10	QPSK	1	25		21.67		22.5	0
10	QPSK	1	49		21.53			
10	QPSK	25	0		21.57			
10	QPSK	25	12		21.21		22.5	0
10	QPSK	25	25		21.24			
10	QPSK	50	0		21.15			
10	16QAM	1	0		21.51			
10	16QAM	1	25		21.52		22.5	0
10	16QAM	1	49		21.48			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.62		22	0.5
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.76		22	0.5
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.68		21	1.5
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64			
10	256QAM	1	25		17.60		19	3.5
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70			
10	256QAM	25	12		17.66		19	3.5
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.24	21.19	21.17		
5	QPSK	1	12	21.24	21.20	21.25	22.5	0
5	QPSK	1	24	21.16	21.16	21.13		
5	QPSK	12	0	21.20	21.23	21.16		
5	QPSK	12	7	21.06	21.15	21.06	22.5	0
5	QPSK	12	13	21.11	21.10	21.18		
5	QPSK	25	0	21.06	21.07	21.04		
5	16QAM	1	0	21.47	21.46	21.41		
5	16QAM	1	12	21.48	21.43	21.41	22.5	0
5	16QAM	1	24	21.38	21.41	21.33		
5	16QAM	12	0	20.46	20.48	20.43		
5	16QAM	12	7	20.51	20.57	20.50	22	0.5
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81		
5	64QAM	1	12	20.61	20.70	20.66	22	0.5
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55		
5	64QAM	12	7	19.54	19.54	19.60	21	1.5
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58		
5	256QAM	1	12	17.52	17.48	17.51	19	3.5
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65		
5	256QAM	12	7	17.54	17.55	17.59	19	3.5
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI3 sig path:381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.38			
10	QPSK	1	25		21.21		22.5	0
10	QPSK	1	49		21.12			
10	QPSK	25	0		21.21			
10	QPSK	25	12		21.08		22.5	0
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.18			
10	16QAM	1	0		21.28			
10	16QAM	1	25		21.25		22.5	0
10	16QAM	1	49		21.26			
10	16QAM	25	0		20.65			
10	16QAM	25	12		20.59		22	0.5
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50			
10	64QAM	1	25		20.34		22	0.5
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60			
10	64QAM	25	12		19.48		21	1.5
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57			
10	256QAM	1	25		17.53		19	3.5
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47			
10	256QAM	25	12		17.48		19	3.5
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.11	21.17	21.17		
5	QPSK	1	12	21.16	21.07	21.14	22.5	0
5	QPSK	1	24	20.98	21.04	20.99		
5	QPSK	12	0	21.13	21.13	21.07		
5	QPSK	12	7	21.00	20.94	20.99	22.5	0
5	QPSK	12	13	20.87	20.94	20.86		
5	QPSK	25	0	21.12	21.10	21.09		
5	16QAM	1	0	21.28	21.30	21.28		
5	16QAM	1	12	21.12	21.14	21.13	22.5	0
5	16QAM	1	24	21.13	21.16	21.12		
5	16QAM	12	0	20.57	20.49	20.53		
5	16QAM	12	7	20.47	20.44	20.53	22	0.5
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41		
5	64QAM	1	12	20.26	20.19	20.25	22	0.5
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47		
5	64QAM	12	7	19.39	19.36	19.37	21	1.5
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48		
5	256QAM	1	12	17.38	17.48	17.38	19	3.5
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39		
5	256QAM	12	7	17.42	17.43	17.35	19	3.5
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 25 Ant 4 DSI3

BW [MHz]	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	14.10	14.34	14.16		
20	QPSK	1	49	14.18	14.30	14.17	15	0
20	QPSK	1	99	14.11	14.28	14.08		
20	QPSK	50	0	14.14	14.28	14.13		
20	QPSK	50	24	14.23	14.17	14.23	15	0
20	QPSK	50	50	14.16	14.19	14.07		
20	QPSK	100	0	14.13	14.19	14.15		
20	16QAM	1	0	14.08	14.08	14.09		
20	16QAM	1	49	14.14	14.17	14.15	15	0
20	16QAM	1	99	14.15	14.27	14.07		
20	16QAM	50	0	14.22	14.00	14.10		
20	16QAM	50	24	14.15	14.21	14.08	15	0
20	16QAM	50	50	14.29	14.17	14.15		
20	16QAM	100	0	14.20	14.27	14.03		
20	64QAM	1	0	14.22	14.13	14.21		
20	64QAM	1	49	14.06	14.18	14.24	15	0
20	64QAM	1	99	14.01	14.16	14.21		
20	64QAM	50	0	14.19	14.19	14.14		
20	64QAM	50	24	14.18	14.05	14.29	15	0
20	64QAM	50	50	14.16	14.17	14.10		
20	64QAM	100	0	14.13	14.29	14.03		
20	256QAM	1	0	14.23	14.16	14.11		
20	256QAM	1	49	14.10	14.15	14.30	15	0
20	256QAM	1	99	14.08	14.15	14.27		
20	256QAM	50	0	14.20	14.19	14.21		
20	256QAM	50	24	14.19	14.07	14.27	15	0
20	256QAM	50	50	14.18	14.12	14.25		
20	256QAM	100	0	14.17	14.26	14.11		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.04	14.22	14.15		
15	QPSK	1	37	14.16	14.28	14.22	15	0
15	QPSK	1	74	14.15	14.09	14.05		
15	QPSK	36	0	14.12	14.21	14.17		
15	QPSK	36	20	14.24	14.15	14.17	15	0
15	QPSK	36	39	14.09	14.13	14.05		
15	QPSK	75	0	14.14	14.17	14.15		
15	16QAM	1	0	14.10	14.07	14.12		
15	16QAM	1	37	14.12	14.16	14.10	15	0
15	16QAM	1	74	14.13	14.30	14.10		
15	16QAM	36	0	14.16	14.01	14.09		
15	16QAM	36	20	14.12	14.17	14.11	15	0
15	16QAM	36	39	14.32	14.22	14.17		
15	16QAM	75	0	14.17	14.25	14.07		
15	64QAM	1	0	14.19	14.16	14.15		
15	64QAM	1	37	14.07	14.12	14.29	15	0
15	64QAM	1	74	13.98	14.20	14.22		
15	64QAM	36	0	14.23	14.19	14.18		
15	64QAM	36	20	14.16	14.04	14.32	15	0
15	64QAM	36	39	14.16	14.19	14.14		
15	64QAM	75	0	14.17	14.29	13.98		
15	256QAM	1	0	14.18	14.13	14.10		
15	256QAM	1	37	14.12	14.08	14.25	15	0
15	256QAM	1	74	14.04	14.13	14.24		
15	256QAM	36	0	14.18	14.21	14.21		
15	256QAM	36	20	14.22	14.10	14.22	15	0
15	256QAM	36	39	14.20	14.07	14.15		
15	256QAM	75	0	14.15	14.22	14.10		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.04	14.17	14.13		
10	QPSK	1	25	14.23	14.30	14.22	15	0
10	QPSK	1	49	14.07	14.10	14.12		
10	QPSK	25	0	14.18	14.31	14.10		
10	QPSK	25	12	14.22	14.13	14.25	15	0
10	QPSK	25	25	14.15	14.21	14.07		
10	QPSK	50	0	14.08	14.22	14.14		
10	16QAM	1	0	14.06	14.07	14.12		
10	16QAM	1	25	14.13	14.15	14.14	15	0
10	16QAM	1	49	14.13	14.28	14.05		
10	16QAM	25	0	14.26	13.98	14.09		
10	16QAM	25	12	14.20	14.15	14.03	15	0
10	16QAM	25	25	14.28	14.11	14.16		
10	16QAM	50	0	14.16	14.27	13.97		
10	64QAM	1	0	14.25	14.13	14.24		
10	64QAM	1	25	14.03	14.20	14.23	15	0
10	64QAM	1	49	13.99	14.12	14.19		
10	64QAM	25	0	14.12	14.20	14.08		
10	64QAM	25	12	14.15	14.07	14.30	15	0
10	64QAM	25	25	14.15	14.17	14.14		
10	64QAM	50	0	14.14	14.23	14.00		
10	256QAM	1	0	14.28	14.19	14.13		
10	256QAM	1	25	14.15	14.13	14.30	15	0
10	256QAM	1	49	14.12	14.10	14.21		
10	256QAM	25	0	14.21	14.18	14.16		
10	256QAM	25	12	14.23	14.11	14.26	15	0
10	256QAM	25	25	14.12	14.12	14.08		
10	256QAM	50	0	14.14	14.20	14.08		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.10	14.20	14.18		
5	QPSK	1	12	14.20	14.14	14.11	15	0
5	QPSK	1	24	14.05	14.08	14.13		
5	QPSK	12	0	14.14	14.32	14.10		
5	QPSK	12	7	14.25	14.11	14.27	15	0
5	QPSK	12	13	14.19	14.24	14.04		
5	QPSK	25	0	14.10	14.23	14.15		
5	16QAM	1	0	14.04	14.05	14.08		
5	16QAM	1	12	14.11	14.20	14.18	15	0
5	16QAM	1	24	14.18	14.21	14.07		
5	16QAM	12	0	14.25	13.97	14.06		
5	16QAM	12	7	14.12	14.16	14.02	15	0
5	16QAM	12	13	14.26	14.15	14.08		
5	16QAM	25	0	14.15	14.28	13.96		
5	64QAM	1	0	14.20	14.14	14.23		
5	64QAM	1	12	14.08	14.18	14.26	15	0
5	64QAM	1	24	13.95	14.13	14.18		
5	64QAM	12	0	14.23	14.22	14.08		
5	64QAM	12	7	14.15	14.06	14.29	15	0
5	64QAM	12	13	14.20	14.16	14.12		
5	64QAM	25	0	14.16	14.32	14.07		
5	256QAM	1	0	14.27	14.10	14.04		
5	256QAM	1	12	14.11	14.19	14.29	15	0
5	256QAM	1	24	14.08	14.18	14.31		
5	256QAM	12	0	14.18	14.15	14.23		
5	256QAM	12	7	14.20	14.04	14.24	15	0
5	256QAM	12	13	14.16	14.12	14.08		
5	256QAM	25	0	14.16	14.21	14.11		
Channel				26005	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.14	14.21	14.13		
3	QPSK	1	8	14.14	14.26	14.15	15	0
3	QPSK	1	14	14.09	14.08	14.05		
3	QPSK	8	0	14.13	14.28	14.17		
3	QPSK	8	4	14.21	14.14	14.18	15	0
3	QPSK	8	7	14.09	14.13	14.01		
3	QPSK	15	0	14.07	14.18	14.17		
3	16QAM	1	0	14.12	14.02	14.09		
3	16QAM	1	8	14.16	14.18	14.19	15	0
3	16QAM	1	14	14.11	14.25	14.05		
3	16QAM	8	0	14.23	13.99	14.05		
3	16QAM	8	4	14.17	14.17	14.03	15	0
3	16QAM	8	7	14.32	14.16	14.09		
3	16QAM	15	0	14.22	14.26	13.96		
3	64QAM	1	0	14.17	14.08	14.18		
3	64QAM	1	8	14.07	14.17	14.21	15	0
3	64QAM	1	14	14.05	14.17	14.19		
3	64QAM	8	0	14.21	14.18	14.12		
3	64QAM	8	4	14.22	14.07	14.32	15	0
3	64QAM	8	7	14.12	14.17	14.04		
3	64QAM	15	0	14.10	14.24	14.06		
3	256QAM	1	0	14.23	14.16	14.14		
3	256QAM	1	8	14.08	14.14	14.27	15	0
3	256QAM	1	14	14.02	14.17	14.26		
3	256QAM	8	0	14.17	14.23	14.20		
3	256QAM	8	4	14.19	14.11	14.25	15	0
3	256QAM	8	7	14.22	14.09	14.12		
3	256QAM	15	0	14.20	14.20	14.05		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.04	14.24	14.10		
1.4	QPSK	1	3	14.12	14.30	14.18		
1.4	QPSK	1	5	14.15	14.11	14.04	15	0
1.4	QPSK	3	0	14.14	14.30	14.10		
1.4	QPSK	3	1	14.17	14.14	14.21		
1.4	QPSK	3	3	14.13	14.16	14.01		
1.4	QPSK	6	0	14.12	14.22	14.12	15	0
1.4	16QAM	1	0	14.09	14.06	14.13		
1.4	16QAM	1	3	14.08	14.22	14.09		
1.4	16QAM	1	5	14.14	14.29	14.12	15	0
1.4	16QAM	3	0	14.18	13.94	14.06		
1.4	16QAM	3	1	14.15	14.16	14.04		
1.4	16QAM	3	3	14.23	14.11	14.14		
1.4	16QAM	6	0	14.17	14.20	13.97	15	0
1.4	64QAM	1	0	14.24	14.18	14.17		
1.4	64QAM	1	3	14.09	14.17	14.22		
1.4	64QAM	1	5	13.97	14.10	14.16	15	0
1.4	64QAM	3	0	14.23	14.19	14.13		
1.4	64QAM	3	1	14.22	14.06	14.26		
1.4	64QAM	3	3	14.21	14.14	14.04		
1.4	64QAM	6	0	14.12	14.33	13.98	15	0
1.4	256QAM	1	0	14.17	14.17	14.15		
1.4	256QAM	1	3	14.12	14.13	14.26		
1.4	256QAM	1	5	14.12	14.08	14.21	15	0
1.4	256QAM	3	0	14.17	14.22	14.25		
1.4	256QAM	3	1	14.14	14.06	14.21		
1.4	256QAM	3	3	14.21	14.17	14.15		
1.4	256QAM	6	0	14.20	14.27	14.09	15	0

Band 26 for FCC Ant 4 DSI3

BW [MHz]	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	22.63	22.69	22.60		
15	QPSK	1	37	22.63	22.67	22.68	24	0
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55		
15	QPSK	36	20	21.56	21.61	21.59	23	1
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.58	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61		
15	16QAM	1	37	21.60	21.60	21.59	23	1
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48		
15	16QAM	36	20	20.46	20.53	20.47	22	2
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49		
15	64QAM	1	37	20.47	20.47	20.41	22	2
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53		
15	64QAM	36	20	19.35	19.43	19.37	21	3
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62		
15	256QAM	1	37	17.57	17.57	17.59	19	5
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51		
15	256QAM	36	20	17.49	17.49	17.39	19	5
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47		
10	QPSK	1	25	22.56	22.59	22.66	24	0
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38		
10	QPSK	25	12	21.49	21.48	21.54	23	1
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53		
10	16QAM	1	25	21.42	21.54	21.55	23	1
10	16QAM	1	49	21.44	21.42	21.54		
10	16QAM	25	0	20.49	20.49	20.36		
10	16QAM	25	12	20.31	20.42	20.33	22	2
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34		
10	64QAM	1	25	20.28	20.36	20.23	22	2
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34		
10	64QAM	25	12	19.34	19.41	19.30	21	3
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50		
10	256QAM	1	25	17.45	17.53	17.54	19	5
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46		
10	256QAM	25	12	17.48	17.46	17.29	19	5
10	256QAM	25	25	17.24	17.36	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.61	22.51		
5	QPSK	1	12	22.46	22.52	22.50	24	0
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49		
5	QPSK	12	7	21.49	21.54	21.45	23	1
5	QPSK	12	13	21.44	21.46	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42		
5	16QAM	1	12	21.43	21.57	21.47	23	1
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30		
5	16QAM	12	7	20.41	20.50	20.35	22	2
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30		
5	64QAM	1	12	20.38	20.28	20.34	22	2
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51		
5	64QAM	12	7	19.25	19.42	19.22	21	3
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46		
5	256QAM	1	12	17.48	17.54	17.55	19	5
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44		
5	256QAM	12	7	17.47	17.34	17

Band 26 for FCC Ant 4 DSI3 sig path:320

BW [MHz]	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	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.90		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.96	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.80	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	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	15.71	15.88	15.85		
20	QPSK	1	49	15.53	15.60	15.58	16.5	0
20	QPSK	1	99	15.46	15.63	15.45		
20	QPSK	50	0	15.72	15.73	15.66		
20	QPSK	50	24	15.66	15.55	15.59	16.5	0
20	QPSK	50	50	15.67	15.61	15.56		
20	QPSK	100	0	15.65	15.69	15.51		
20	16QAM	1	0	15.71	15.53	15.55		
20	16QAM	1	49	15.64	15.57	15.59	16.5	0
20	16QAM	1	99	15.69	15.75	15.60		
20	16QAM	50	0	15.58	15.41	15.56		
20	16QAM	50	24	15.64	15.61	15.54	16.5	0
20	16QAM	50	50	15.55	15.61	15.55		
20	16QAM	100	0	15.68	15.56	15.62		
20	64QAM	1	0	15.63	15.62	15.59		
20	64QAM	1	49	15.50	15.73	15.44	16.5	0
20	64QAM	1	99	15.66	15.58	15.64		
20	64QAM	50	0	15.61	15.51	15.51		
20	64QAM	50	24	15.45	15.67	15.74	16.5	0
20	64QAM	50	50	15.62	15.58	15.67		
20	64QAM	100	0	15.60	15.51	15.57		
20	256QAM	1	0	15.51	15.63	15.73		
20	256QAM	1	49	15.43	15.59	15.44	16.5	0
20	256QAM	1	99	15.26	15.55	15.26		
20	256QAM	50	0	15.65	15.69	15.51		
20	256QAM	50	24	15.65	15.50	15.46	16.5	0
20	256QAM	50	50	15.52	15.55	15.38		
20	256QAM	100	0	15.46	15.65	15.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.59	15.66	15.57		
15	QPSK	1	37	15.47	15.52	15.48	16.5	0
15	QPSK	1	74	15.33	15.49	15.33		
15	QPSK	36	0	15.49	15.66	15.59		
15	QPSK	36	20	15.57	15.42	15.54	16.5	0
15	QPSK	36	39	15.55	15.57	15.48		
15	QPSK	75	0	15.51	15.61	15.38		
15	16QAM	1	0	15.61	15.39	15.47		
15	16QAM	1	37	15.47	15.51	15.39	16.5	0
15	16QAM	1	74	15.46	15.64	15.51		
15	16QAM	36	0	15.49	15.35	15.44		
15	16QAM	36	20	15.51	15.44	15.46	16.5	0
15	16QAM	36	39	15.42	15.60	15.53		
15	16QAM	75	0	15.55	15.44	15.48		
15	64QAM	1	0	15.49	15.57	15.58		
15	64QAM	1	37	15.42	15.48	15.48	16.5	0
15	64QAM	1	74	15.57	15.45	15.44		
15	64QAM	36	0	15.62	15.38	15.35		
15	64QAM	36	20	15.37	15.53	15.62	16.5	0
15	64QAM	36	39	15.56	15.47	15.55		
15	64QAM	75	0	15.46	15.41	15.44		
15	256QAM	1	0	15.43	15.54	15.51		
15	256QAM	1	37	15.37	15.38	15.40	16.5	0
15	256QAM	1	74	15.34	15.38	15.12		
15	256QAM	36	0	15.53	15.66	15.49		
15	256QAM	36	20	15.42	15.40	15.29	16.5	0
15	256QAM	36	39	15.48	15.47	15.44		
15	256QAM	75	0	15.49	15.41	15.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.47	15.73	15.56		
10	QPSK	1	25	15.56	15.57	15.43	16.5	0
10	QPSK	1	49	15.33	15.51	15.33		
10	QPSK	25	0	15.62	15.65	15.48		
10	QPSK	25	12	15.57	15.35	15.54	16.5	0
10	QPSK	25	25	15.59	15.52	15.44		
10	QPSK	50	0	15.52	15.55	15.44		
10	16QAM	1	0	15.70	15.38	15.48		
10	16QAM	1	25	15.51	15.52	15.50	16.5	0
10	16QAM	1	49	15.62	15.63	15.55		
10	16QAM	25	0	15.57	15.28	15.56		
10	16QAM	25	12	15.47	15.52	15.52	16.5	0
10	16QAM	25	25	15.51	15.57	15.55		
10	16QAM	50	0	15.54	15.41	15.51		
10	64QAM	1	0	15.48	15.52	15.52		
10	64QAM	1	25	15.39	15.58	15.36	16.5	0
10	64QAM	1	49	15.48	15.51	15.52		
10	64QAM	25	0	15.59	15.48	15.34		
10	64QAM	25	12	15.32	15.44	15.58	16.5	0
10	64QAM	25	25	15.59	15.42	15.59		
10	64QAM	50	0	15.38	15.35	15.42		
10	256QAM	1	0	15.50	15.63	15.43		
10	256QAM	1	25	15.37	15.39	15.36	16.5	0
10	256QAM	1	49	15.19	15.48	15.16		
10	256QAM	25	0	15.52	15.66	15.53		
10	256QAM	25	12	15.42	15.42	15.42	16.5	0
10	256QAM	25	25	15.43	15.45	15.35		
10	256QAM	50	0	15.39	15.41	15.31		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.63	15.66	15.68		
5	QPSK	1	12	15.42	15.55	15.38	16.5	0
5	QPSK	1	24	15.24	15.44	15.28		
5	QPSK	12	0	15.55	15.65	15.53		
5	QPSK	12	7	15.52	15.45	15.63	16.5	0
5	QPSK	12	13	15.52	15.53	15.41		
5	QPSK	25	0	15.49	15.52	15.42		
5	16QAM	1	0	15.68	15.47	15.43		
5	16QAM	1	12	15.46	15.52	15.38	16.5	0
5	16QAM	1	24	15.48	15.57	15.51		
5	16QAM	12	0	15.52	15.34	15.55		
5	16QAM	12	7	15.57	15.53	15.48	16.5	0
5	16QAM	12	13	15.45	15.61	15.45		
5	16QAM	25	0	15.52	15.38	15.58		
5	64QAM	1	0	15.47	15.59	15.46		
5	64QAM	1	12	15.38	15.59	15.40	16.5	0
5	64QAM	1	24	15.52	15.54	15.55		
5	64QAM	12	0	15.55	15.43	15.40		
5	64QAM	12	7	15.41	15.54	15.66	16.5	0
5	64QAM	12	13	15.58	15.37	15.53		
5	64QAM	25	0	15.41	15.41	15.39		
5	256QAM	1	0	15.52	15.56	15.49		
5	256QAM	1	12	15.30	15.40	15.36	16.5	0
5	256QAM	1	24	15.13	15.34	15.18		
5	256QAM	12	0	15.39	15.59	15.47		
5	256QAM	12	7	15.52	15.27	15.49	16.5	0
5	256QAM	12	13	15.45	15.43	15.41		
5	256QAM	25	0	15.44	15.37	15.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.62	15.62	15.52		
3	QPSK	1	8	15.58	15.49	15.46	16.5	0
3	QPSK	1	14	15.37	15.56	15.37		
3	QPSK	8	0	15.53	15.72	15.53		
3	QPSK	8	4	15.51	15.48	15.47	16.5	0
3	QPSK	8	7	15.47	15.57	15.49		
3	QPSK	15	0	15.47	15.53	15.48		
3	16QAM	1	0	15.67	15.39	15.42		
3	16QAM	1	8	15.55	15.47	15.42	16.5	0
3	16QAM	1	14	15.46	15.62	15.55		
3	16QAM	8	0	15.55	15.41	15.44		
3	16QAM	8	4	15.55	15.62	15.46	16.5	0
3	16QAM	8	7	15.51	15.67	15.52		
3	16QAM	15	0	15.57	15.47	15.48		
3	64QAM	1	0	15.57	15.59	15.55		
3	64QAM	1	8	15.39	15.48	15.43	16.5	0
3	64QAM	1	14	15.50	15.39	15.50		
3	64QAM	8	0	15.62	15.41	15.43		
3	64QAM	8	4	15.40	15.54	15.62	16.5	0
3	64QAM	8	7	15.66	15.50	15.50		
3	64QAM	15	0	15.47	15.41	15.46		
3	256QAM	1	0	15.51	15.42	15.54		
3	256QAM	1	8	15.36	15.46	15.30	16.5	0
3	256QAM	1	14	15.23	15.56	15.42		
3	256QAM	8	0	15.46	15.68	15.35		
3	256QAM	8	4	15.37	15.44	15.35	16.5	0
3	256QAM	8	7	15.27	15.34	15.33		
3	256QAM	15	0	15.52	15.49	15.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.61	15.68	15.62		
1.4	QPSK	1	3	15.45	15.60	15.47		
1.4	QPSK	1	5	15.29	15.51	15.42	16.5	0
1.4	QPSK	3	0	15.67	15.61	15.52		
1.4	QPSK	3	1	15.54	15.41	15.60		
1.4	QPSK	3	3	15.50	15.50	15.52		
1.4	QPSK	6	0	15.52	15.57	15.40	16.5	0
1.4	16QAM	1	0	15.61	15.33	15.50		
1.4	16QAM	1	3	15.51	15.50	15.48		
1.4	16QAM	1	5	15.49	15.60	15.51	16.5	0
1.4	16QAM	3	0	15.55	15.36	15.55		
1.4	16QAM	3	1	15.55	15.48	15.56		
1.4	16QAM	3	3	15.49	15.48	15.46		
1.4	16QAM	6	0	15.48	15.40	15.49	16.5	0
1.4	64QAM	1	0	15.55	15.52	15.55		
1.4	64QAM	1	3	15.39	15.61	15.42		
1.4	64QAM	1	5	15.54	15.41	15.44	16.5	0
1.4	64QAM	3	0	15.61	15.43	15.41		
1.4	64QAM	3	1	15.40	15.53	15.57		
1.4	64QAM	3	3	15.58	15.50	15.66		
1.4	64QAM	6	0	15.43	15.46	15.48	16.5	0
1.4	256QAM	1	0	15.42	15.54	15.53		
1.4	256QAM	1	3	15.37	15.55	15.31		
1.4	256QAM	1	5	15.27	15.32	15.26	16.5	0
1.4	256QAM	3	0	15.37	15.61	15.39		
1.4	256QAM	3	1	15.46	15.27	15.46		
1.4	256QAM	3	3	15.45	15.34	15.31		
1.4	256QAM	6	0	15.55	15.44	15.34	16.5	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	15.46	15.59	15.42		
20	QPSK	1	49	15.48	15.46	15.50	16.5	0
20	QPSK	1	99	15.49	15.46	15.49		
20	QPSK	50	0	15.46	15.53	15.45		
20	QPSK	50	24	15.37	15.46	15.39	16.5	0
20	QPSK	50	50	15.40	15.46	15.51		
20	QPSK	100	0	15.36	15.47	15.42		
20	16QAM	1	0	15.46	15.50	15.45		
20	16QAM	1	49	15.45	15.46	15.44	16.5	0
20	16QAM	1	99	15.50	15.49	15.46		
20	16QAM	50	0	15.54	15.46	15.48		
20	16QAM	50	24	15.47	15.51	15.45	16.5	0
20	16QAM	50	50	15.50	15.45	15.46		
20	16QAM	100	0	15.38	15.47	15.37		
20	64QAM	1	0	15.39	15.39	15.43		
20	64QAM	1	49	15.45	15.44	15.46	16.5	0
20	64QAM	1	99	15.39	15.53	15.40		
20	64QAM	50	0	15.37	15.53	15.50		
20	64QAM	50	24	15.51	15.38	15.50	16.5	0
20	64QAM	50	50	15.42	15.41	15.39		
20	64QAM	100	0	15.45	15.48	15.38		
20	256QAM	1	0	15.25	15.38	15.47		
20	256QAM	1	49	15.32	15.36	15.44	16.5	0
20	256QAM	1	99	15.30	15.41	15.34		
20	256QAM	50	0	15.29	15.35	15.32		
20	256QAM	50	24	15.27	15.27	15.34	16.5	0
20	256QAM	50	50	15.34	15.27	15.40		
20	256QAM	100	0	15.34	15.40	15.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.26	15.47	15.34		
15	QPSK	1	37	15.41	15.39	15.33	16.5	0
15	QPSK	1	74	15.30	15.24	15.38		
15	QPSK	36	0	15.30	15.46	15.25		
15	QPSK	36	20	15.36	15.43	15.31	16.5	0
15	QPSK	36	39	15.30	15.19	15.45		
15	QPSK	75	0	15.39	15.44	15.29		
15	16QAM	1	0	15.35	15.39	15.34		
15	16QAM	1	37	15.31	15.42	15.30	16.5	0
15	16QAM	1	74	15.38	15.39	15.17		
15	16QAM	36	0	15.47	15.37	15.35		
15	16QAM	36	20	15.46	15.28	15.40	16.5	0
15	16QAM	36	39	15.39	15.32	15.46		
15	16QAM	75	0	15.43	15.31	15.42		
15	64QAM	1	0	15.29	15.27	15.36		
15	64QAM	1	37	15.43	15.23	15.45	16.5	0
15	64QAM	1	74	15.36	15.44	15.41		
15	64QAM	36	0	15.41	15.43	15.33		
15	64QAM	36	20	15.39	15.25	15.27	16.5	0
15	64QAM	36	39	15.36	15.41	15.30		
15	64QAM	75	0	15.31	15.26	15.35		
15	256QAM	1	0	15.13	15.37	15.20		
15	256QAM	1	37	15.34	15.26	15.23	16.5	0
15	256QAM	1	74	15.21	15.25	15.36		
15	256QAM	36	0	15.17	15.36	15.09		
15	256QAM	36	20	15.17	15.38	15.12	16.5	0
15	256QAM	36	39	15.28	15.18	15.43		
15	256QAM	75	0	15.18	15.39	15.15		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.35	15.53	15.36		
10	QPSK	1	25	15.30	15.30	15.45	16.5	0
10	QPSK	1	49	15.47	15.30	15.45		
10	QPSK	25	0	15.26	15.38	15.39		
10	QPSK	25	12	15.25	15.38	15.21	16.5	0
10	QPSK	25	25	15.29	15.42	15.43		
10	QPSK	50	0	15.35	15.36	15.38		
10	16QAM	1	0	15.38	15.46	15.36		
10	16QAM	1	25	15.25	15.42	15.37	16.5	0
10	16QAM	1	49	15.36	15.32	15.25		
10	16QAM	25	0	15.36	15.39	15.26		
10	16QAM	25	12	15.35	15.37	15.42	16.5	0
10	16QAM	25	25	15.52	15.37	15.26		
10	16QAM	50	0	15.30	15.39	15.39		
10	64QAM	1	0	15.32	15.25	15.26		
10	64QAM	1	25	15.33	15.25	15.50	16.5	0
10	64QAM	1	49	15.26	15.33	15.27		
10	64QAM	25	0	15.30	15.43	15.41		
10	64QAM	25	12	15.41	15.27	15.34	16.5	0
10	64QAM	25	25	15.34	15.34	15.41		
10	64QAM	50	0	15.38	15.30	15.34		
10	256QAM	1	0	15.34	15.31	15.12		
10	256QAM	1	25	15.18	15.17	15.41	16.5	0
10	256QAM	1	49	15.29	15.13	15.41		
10	256QAM	25	0	15.05	15.20	15.23		
10	256QAM	25	12	15.15	15.19	15.15	16.5	0
10	256QAM	25	25	15.18	15.37	15.34		
10	256QAM	50	0	15.36	15.19	15.31		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.27	15.48	15.34		
5	QPSK	1	12	15.27	15.33	15.44	16.5	0
5	QPSK	1	24	15.37	15.26	15.43		
5	QPSK	12	0	15.36	15.42	15.42		
5	QPSK	12	7	15.30	15.21	15.37	16.5	0
5	QPSK	12	13	15.35	15.37	15.41		
5	QPSK	25	0	15.29	15.32	15.33		
5	16QAM	1	0	15.42	15.37	15.41		
5	16QAM	1	12	15.30	15.39	15.25	16.5	0
5	16QAM	1	24	15.52	15.40	15.31		
5	16QAM	12	0	15.33	15.44	15.36		
5	16QAM	12	7	15.49	15.32	15.34	16.5	0
5	16QAM	12	13	15.47	15.34	15.29		
5	16QAM	25	0	15.27	15.31	15.28		
5	64QAM	1	0	15.33	15.25	15.28		
5	64QAM	1	12	15.36	15.27	15.34	16.5	0
5	64QAM	1	24	15.22	15.27	15.27		
5	64QAM	12	0	15.26	15.52	15.49		
5	64QAM	12	7	15.36	15.45	15.37	16.5	0
5	64QAM	12	13	15.31	15.34	15.37		
5	64QAM	25	0	15.45	15.45	15.32		
5	256QAM	1	0	15.13	15.35	15.37		
5	256QAM	1	12	15.20	15.26	15.43	16.5	0
5	256QAM	1	24	15.41	15.21	15.33		
5	256QAM	12	0	15.43	15.35	15.20		
5	256QAM	12	7	15.19	15.07	15.26	16.5	0
5	256QAM	12	13	15.22	15.32	15.17		
5	256QAM	25	0	15.03	15.08	15.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.35	15.30	15.35		
3	QPSK	1	8	15.30	15.37	15.30	16.5	0
3	QPSK	1	14	15.26	15.46	15.39		
3	QPSK	8	0	15.42	15.46	15.28		
3	QPSK	8	4	15.40	15.33	15.16	16.5	0
3	QPSK	8	7	15.34	15.29	15.40		
3	QPSK	15	0	15.37	15.26	15.38		
3	16QAM	1	0	15.42	15.39	15.44		
3	16QAM	1	8	15.27	15.37	15.35	16.5	0
3	16QAM	1	14	15.40	15.30	15.33		
3	16QAM	8	0	15.35	15.45	15.31		
3	16QAM	8	4	15.39	15.36	15.42	16.5	0
3	16QAM	8	7	15.29	15.27	15.26		
3	16QAM	15	0	15.27	15.32	15.44		
3	64QAM	1	0	15.44	15.33	15.30		
3	64QAM	1	8	15.41	15.33	15.40	16.5	0
3	64QAM	1	14	15.37	15.35	15.30		
3	64QAM	8	0	15.26	15.41	15.37		
3	64QAM	8	4	15.36	15.28	15.33	16.5	0
3	64QAM	8	7	15.25	15.42	15.41		
3	64QAM	15	0	15.40	15.40	15.20		
3	256QAM	1	0	15.26	15.16	15.19		
3	256QAM	1	8	15.18	15.27	15.31	16.5	0
3	256QAM	1	14	15.18	15.40	15.30		
3	256QAM	8	0	15.39	15.34	15.32		
3	256QAM	8	4	15.21	15.17	15.14	16.5	0
3	256QAM	8	7	15.29	15.27	15.36		
3	256QAM	15	0	15.26	15.18	15.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.27	15.48	15.44		
1.4	QPSK	1	3	15.34	15.39	15.41		
1.4	QPSK	1	5	15.38	15.35	15.39	16.5	0
1.4	QPSK	3	0	15.31	15.47	15.37		
1.4	QPSK	3	1	15.24	15.38	15.22		
1.4	QPSK	3	3	15.21	15.26	15.30		
1.4	QPSK	6	0	15.23	15.34	15.40	16.5	0
1.4	16QAM	1	0	15.31	15.39	15.26		
1.4	16QAM	1	3	15.36	15.44	15.23		
1.4	16QAM	1	5	15.46	15.31	15.29	16.5	0
1.4	16QAM	3	0	15.44	15.36	15.39		
1.4	16QAM	3	1	15.34	15.51	15.25		
1.4	16QAM	3	3	15.32	15.24	15.38		
1.4	16QAM	6	0	15.28	15.35	15.45	16.5	0
1.4	64QAM	1	0	15.22	15.35	15.27		
1.4	64QAM	1	3	15.53	15.26	15.42		
1.4	64QAM	1	5	15.21	15.36	15.37	16.5	0
1.4	64QAM	3	0	15.25	15.47	15.30		
1.4	64QAM	3	1	15.25	15.27	15.31		
1.4	64QAM	3	3	15.36	15.34	15.34		
1.4	64QAM	6	0	15.46	15.41	15.37	16.5	0
1.4	256QAM	1	0	15.18	15.30	15.30		
1.4	256QAM	1	3	15.27	15.23	15.15		
1.4	256QAM	1	5	15.30	15.16	15.36	16.5	0
1.4	256QAM	3	0	15.32	15.33	15.27		
1.4	256QAM	3	1	15.11	15.29	15.03		
1.4	256QAM	3	3	15.29	15.22	15.17		
1.4	256QAM	6	0	15.27	15.32	15.34	16.5	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				133122	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.

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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	16.49	16.52	16.57	16.45	17	0
20	QPSK	1	49	16.35	16.61	16.57	16.36		
20	QPSK	1	99	16.42	16.31	16.34	16.37		
20	QPSK	50	0	16.42	16.48	16.55	16.49	17	0
20	QPSK	50	24	16.36	16.48	16.33	16.39		
20	QPSK	50	50	16.37	16.48	16.53	16.55		
20	QPSK	100	0	16.46	16.38	16.29	16.44		
20	16QAM	1	0	16.50	16.58	16.35	16.37	17	0
20	16QAM	1	49	16.55	16.54	16.45	16.52		
20	16QAM	1	99	16.51	16.37	16.48	16.40		
20	16QAM	50	0	16.45	16.48	16.49	16.43	17	0
20	16QAM	50	24	16.57	16.46	16.39	16.50		
20	16QAM	50	50	16.43	16.53	16.33	16.31		
20	16QAM	100	0	16.33	16.62	16.47	16.46		
20	64QAM	1	0	16.48	16.40	16.50	16.38	17	0
20	64QAM	1	49	16.44	16.52	16.40	16.42		
20	64QAM	1	99	16.44	16.29	16.59	16.56		
20	64QAM	50	0	16.33	16.59	16.37	16.41	17	0
20	64QAM	50	24	16.40	16.52	16.52	16.50		
20	64QAM	50	50	16.51	16.50	16.35	16.41		
20	64QAM	100	0	16.37	16.36	16.42	16.44		
20	256QAM	1	0	16.48	16.34	16.46	16.38	17	0
20	256QAM	1	49	16.38	16.42	16.40	16.38		
20	256QAM	1	99	16.31	16.33	16.30	16.21		
20	256QAM	50	0	16.32	16.34	16.54	16.28	17	0
20	256QAM	50	24	16.24	16.32	16.24	16.24		
20	256QAM	50	50	16.36	16.33	16.30	16.45		
20	256QAM	100	0	16.27	16.25	16.27	16.45		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.44	16.44	16.48	16.43	17	0
15	QPSK	1	37	16.35	16.49	16.42	16.35		
15	QPSK	1	74	16.37	16.21	16.26	16.26		
15	QPSK	36	0	16.42	16.37	16.41	16.36	17	0
15	QPSK	36	20	16.25	16.38	16.36	16.24		
15	QPSK	36	39	16.21	16.45	16.40	16.44		
15	QPSK	75	0	16.31	16.36	16.27	16.40		
15	16QAM	1	0	16.42	16.56	16.22	16.33	17	0
15	16QAM	1	37	16.44	16.44	16.31	16.35		
15	16QAM	1	74	16.41	16.27	16.38	16.33		
15	16QAM	36	0	16.42	16.35	16.34	16.39	17	0
15	16QAM	36	20	16.46	16.36	16.36	16.25		
15	16QAM	36	39	16.32	16.48	16.24	16.29		
15	16QAM	75	0	16.27	16.50	16.47	16.37		
15	64QAM	1	0	16.37	16.28	16.32	16.24	17	0
15	64QAM	1	37	16.31	16.38	16.26	16.36		
15	64QAM	1	74	16.33	16.32	16.42	16.45		
15	64QAM	36	0	16.31	16.45	16.36	16.36	17	0
15	64QAM	36	20	16.41	16.39	16.46	16.50		
15	64QAM	36	39	16.31	16.33	16.21	16.23		
15	64QAM	75	0	16.29	16.31	16.36	16.38		
15	256QAM	1	0	16.50	16.44	16.47	16.38	17	0
15	256QAM	1	37	16.38	16.46	16.49	16.33		
15	256QAM	1	74	16.40	16.17	16.39	16.18		
15	256QAM	36	0	16.36	16.39	16.33	16.27	17	0
15	256QAM	36	20	16.16	16.34	16.30	16.29		
15	256QAM	36	39	16.35	16.43	16.45	16.48		
15	256QAM	75	0	16.42	16.33	16.22	16.36		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.39	16.39	16.44	16.37	17	0
10	QPSK	1	25	16.37	16.39	16.50	16.31		
10	QPSK	1	49	16.33	16.27	16.27	16.26		
10	QPSK	25	0	16.35	16.40	16.46	16.34	17	0
10	QPSK	25	12	16.27	16.41	16.36	16.29		
10	QPSK	25	25	16.27	16.37	16.38	16.51		
10	QPSK	50	0	16.42	16.20	16.13	16.35		
10	16QAM	1	0	16.45	16.53	16.28	16.30	17	0
10	16QAM	1	25	16.38	16.38	16.33	16.45		
10	16QAM	1	49	16.31	16.23	16.43	16.30		
10	16QAM	25	0	16.37	16.36	16.26	16.24	17	0
10	16QAM	25	12	16.45	16.36	16.36	16.43		
10	16QAM	25	25	16.32	16.50	16.26	16.25		
10	16QAM	50	0	16.25	16.46	16.43	16.34		
10	64QAM	1	0	16.39	16.18	16.36	16.26	17	0
10	64QAM	1	25	16.35	16.32	16.30	16.39		
10	64QAM	1	49	16.32	16.23	16.39	16.45		
10	64QAM	25	0	16.25	16.46	16.31	16.39	17	0
10	64QAM	25	12	16.33	16.40	16.39	16.39		
10	64QAM	25	25	16.37	16.34	16.27	16.33		
10	64QAM	50	0	16.25	16.35	16.44	16.32		
10	256QAM	1	0	16.46	16.44	16.57	16.33	17	0
10	256QAM	1	25	16.40	16.48	16.47	16.33		
10	256QAM	1	49	16.33	16.15	16.40	16.26		
10	256QAM	25	0	16.39	16.40	16.38	16.34	17	0
10	256QAM	25	12	16.23	16.35	16.26	16.36		
10	256QAM	25	25	16.34	16.23	16.38	16.45		
10	256QAM	50	0	16.32	16.37	16.21	16.40		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.40	16.38	16.39	16.42	17	0
5	QPSK	1	12	16.25	16.39	16.44	16.32		
5	QPSK	1	24	16.26	16.26	16.33	16.19		
5	QPSK	12	0	16.31	16.36	16.47	16.31	17	0
5	QPSK	12	7	16.34	16.50	16.26	16.22		
5	QPSK	12	13	16.37	16.44	16.40	16.44		
5	QPSK	25	0	16.40	16.33	16.23	16.43		
5	16QAM	1	0	16.45	16.51	16.24	16.30	17	0
5	16QAM	1	12	16.37	16.42	16.25	16.33		
5	16QAM	1	24	16.40	16.29	16.32	16.36		
5	16QAM	12	0	16.40	16.33	16.33	16.39	17	0
5	16QAM	12	7	16.48	16.33	16.44	16.36		
5	16QAM	12	13	16.26	16.41	16.23	16.25		
5	16QAM	25	0	16.23	16.48	16.32	16.36		
5	64QAM	1	0	16.32	16.26	16.29	16.32	17	0
5	64QAM	1	12	16.29	16.45	16.29	16.29		
5	64QAM	1	24	16.25	16.23	16.50	16.37		
5	64QAM	12	0	16.29	16.43	16.24	16.38	17	0
5	64QAM	12	7	16.30	16.38	16.38	16.38		
5	64QAM	12	13	16.31	16.29	16.16	16.30		
5	64QAM	25	0	16.33	16.25	16.33	16.35		
5	256QAM	1	0	16.44	16.37	16.48	16.39	17	0
5	256QAM	1	12	16.31	16.54	16.42	16.42		
5	256QAM	1	24	16.32	16.28	16.33	16.24		
5	256QAM	12	0	16.39	16.33	16.39	16.32	17	0
5	256QAM	12	7	16.23	16.33	16.26	16.30		
5	256QAM	12	13	16.27	16.31	16.46	16.35		
5	256QAM	25	0	16.37	16.20	16.21	16.30		

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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				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	13.55	13.65	13.61	15	0
20	QPSK	1	49	13.54	13.55	13.60		
20	QPSK	1	99	13.54	13.47	13.48		
20	QPSK	50	0	13.51	13.59	13.50	15	0
20	QPSK	50	24	13.44	13.41	13.45		
20	QPSK	50	50	13.51	13.52	13.48		
20	QPSK	100	0	13.19	13.58	13.48		
20	16QAM	1	0	13.47	13.49	13.50	15	0
20	16QAM	1	49	13.49	13.41	13.40		
20	16QAM	1	99	13.38	13.58	13.47		
20	16QAM	50	0	13.50	13.53	13.43	15	0
20	16QAM	50	24	13.50	13.56	13.55		
20	16QAM	50	50	13.53	13.60	13.42		
20	16QAM	100	0	13.52	13.49	13.64		
20	64QAM	1	0	13.53	13.47	13.53	15	0
20	64QAM	1	49	13.44	13.48	13.53		
20	64QAM	1	99	13.52	13.55	13.59		
20	64QAM	50	0	13.43	13.47	13.36	15	0
20	64QAM	50	24	13.47	13.35	13.52		
20	64QAM	50	50	13.45	13.57	13.40		
20	64QAM	100	0	13.50	13.50	13.56		
20	256QAM	1	0	13.45	13.57	13.36	15	0
20	256QAM	1	49	13.40	13.51	13.60		
20	256QAM	1	99	13.52	13.51	13.56		
20	256QAM	50	0	13.42	13.41	13.40	15	0
20	256QAM	50	24	13.43	13.59	13.51		
20	256QAM	50	50	13.46	13.53	13.60		
20	256QAM	100	0	13.38	13.58	13.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.44	13.50	13.49	15	0
15	QPSK	1	37	13.40	13.42	13.43		
15	QPSK	1	74	13.42	13.45	13.44		
15	QPSK	36	0	13.50	13.46	13.35	15	0
15	QPSK	36	20	13.26	13.24	13.35		
15	QPSK	36	39	13.49	13.53	13.25		
15	QPSK	75	0	13.08	13.38	13.39		
15	16QAM	1	0	13.40	13.35	13.36	15	0
15	16QAM	1	37	13.34	13.27	13.31		
15	16QAM	1	74	13.28	13.43	13.28		
15	16QAM	36	0	13.44	13.35	13.29	15	0
15	16QAM	36	20	13.37	13.44	13.54		
15	16QAM	36	39	13.36	13.47	13.34		
15	16QAM	75	0	13.44	13.44	13.58		
15	64QAM	1	0	13.45	13.38	13.42	15	0
15	64QAM	1	37	13.25	13.34	13.40		
15	64QAM	1	74	13.48	13.58	13.54		
15	64QAM	36	0	13.34	13.39	13.28	15	0
15	64QAM	36	20	13.30	13.22	13.46		
15	64QAM	36	39	13.23	13.42	13.40		
15	64QAM	75	0	13.40	13.40	13.35		
15	256QAM	1	0	13.40	13.35	13.26	15	0
15	256QAM	1	37	13.23	13.45	13.43		
15	256QAM	1	74	13.29	13.38	13.40		
15	256QAM	36	0	13.32	13.22	13.31	15	0
15	256QAM	36	20	13.27	13.48	13.35		
15	256QAM	36	39	13.32	13.50	13.46		
15	256QAM	75	0	13.35	13.42	13.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.40	13.44	13.41	15	0
10	QPSK	1	25	13.55	13.44	13.52		
10	QPSK	1	49	13.39	13.46	13.43		
10	QPSK	25	0	13.39	13.43	13.34	15	0
10	QPSK	25	12	13.24	13.28	13.26		
10	QPSK	25	25	13.51	13.37	13.32		
10	QPSK	50	0	13.06	13.43	13.42		
10	16QAM	1	0	13.41	13.36	13.48	15	0
10	16QAM	1	25	13.44	13.33	13.30		
10	16QAM	1	49	13.34	13.40	13.37		
10	16QAM	25	0	13.39	13.44	13.39	15	0
10	16QAM	25	12	13.38	13.52	13.41		
10	16QAM	25	25	13.38	13.44	13.28		
10	16QAM	50	0	13.34	13.43	13.56		
10	64QAM	1	0	13.36	13.35	13.42	15	0
10	64QAM	1	25	13.29	13.41	13.47		
10	64QAM	1	49	13.46	13.51	13.51		
10	64QAM	25	0	13.31	13.42	13.28	15	0
10	64QAM	25	12	13.38	13.21	13.45		
10	64QAM	25	25	13.31	13.49	13.36		
10	64QAM	50	0	13.39	13.42	13.50	15	0
10	256QAM	1	0	13.39	13.32	13.36		
10	256QAM	1	25	13.37	13.30	13.38	15	0
10	256QAM	1	49	13.42	13.46	13.44		
10	256QAM	25	0	13.40	13.24	13.34	15	0
10	256QAM	25	12	13.30	13.38	13.29		
10	256QAM	25	25	13.38	13.50	13.45		
10	256QAM	50	0	13.29	13.46	13.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.43	13.43	13.47	15	0
5	QPSK	1	12	13.38	13.45	13.39		
5	QPSK	1	24	13.33	13.36	13.33		
5	QPSK	12	0	13.40	13.49	13.38	15	0
5	QPSK	12	7	13.27	13.38	13.30		
5	QPSK	12	13	13.46	13.43	13.27		
5	QPSK	25	0	13.08	13.43	13.42		
5	16QAM	1	0	13.40	13.43	13.44	15	0
5	16QAM	1	12	13.39	13.42	13.29		
5	16QAM	1	24	13.33	13.48	13.23		
5	16QAM	12	0	13.45	13.46	13.33	15	0
5	16QAM	12	7	13.31	13.47	13.50		
5	16QAM	12	13	13.34	13.52	13.31		
5	16QAM	25	0	13.43	13.41	13.42		
5	64QAM	1	0	13.52	13.43	13.47	15	0
5	64QAM	1	12	13.31	13.37	13.39		
5	64QAM	1	24	13.43	13.56	13.56		
5	64QAM	12	0	13.36	13.38	13.23	15	0
5	64QAM	12	7	13.39	13.23	13.42		
5	64QAM	12	13	13.39	13.46	13.35		
5	64QAM	25	0	13.37	13.42	13.42		
5	256QAM	1	0	13.36	13.48	13.24	15	0
5	256QAM	1	12	13.32	13.36	13.46		
5	256QAM	1	24	13.39	13.34	13.32		
5	256QAM	12	0	13.29	13.26	13.31	15	0
5	256QAM	12	7	13.29	13.35	13.42		
5	256QAM	12	13	13.29	13.40	13.53		
5	256QAM	25	0	13.38	13.54	13.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.33	13.54	13.43	15	0
3	QPSK	1	8	13.45	13.40	13.43		
3	QPSK	1	14	13.36	13.43	13.35		
3	QPSK	8	0	13.38	13.41	13.41	15	0
3	QPSK	8	4	13.29	13.25	13.34		
3	QPSK	8	7	13.43	13.45	13.26		
3	QPSK	15	0	13.10	13.46	13.39		
3	16QAM	1	0	13.37	13.45	13.41	15	0
3	16QAM	1	8	13.47	13.30	13.39		
3	16QAM	1	14	13.33	13.41	13.26		
3	16QAM	8	0	13.37	13.41	13.30	15	0
3	16QAM	8	4	13.38	13.43	13.56		
3	16QAM	8	7	13.39	13.42	13.33		
3	16QAM	15	0	13.34	13.48	13.54		
3	64QAM	1	0	13.39	13.51	13.37	15	0
3	64QAM	1	8	13.35	13.39	13.45		
3	64QAM	1	14	13.41	13.48	13.41		
3	64QAM	8	0	13.29	13.32	13.25	15	0
3	64QAM	8	4	13.38	13.18	13.48		
3	64QAM	8	7	13.31	13.54	13.29		
3	64QAM	15	0	13.44	13.37	13.41		
3	256QAM	1	0	13.28	13.42	13.33	15	0
3	256QAM	1	8	13.27	13.46	13.45		
3	256QAM	1	14	13.45	13.30	13.45		
3	256QAM	8	0	13.38	13.25	13.40	15	0
3	256QAM	8	4	13.39	13.40	13.33		
3	256QAM	8	7	13.30	13.46	13.51		
3	256QAM	15	0	13.32	13.48	13.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.47	13.52	13.51	15	0
1.4	QPSK	1	3	13.42	13.44	13.50		
1.4	QPSK	1	5	13.41	13.32	13.39		
1.4	QPSK	3	0	13.46	13.53	13.41		
1.4	QPSK	3	1	13.28	13.34	13.33		
1.4	QPSK	3	3	13.49	13.39	13.30		
1.4	QPSK	6	0	13.04	13.50	13.39	15	0
1.4	16QAM	1	0	13.30	13.40	13.42	15	0
1.4	16QAM	1	3	13.41	13.27	13.36		
1.4	16QAM	1	5	13.31	13.40	13.31		
1.4	16QAM	3	0	13.48	13.38	13.30		
1.4	16QAM	3	1	13.26	13.41	13.50		
1.4	16QAM	3	3	13.32	13.58	13.35		
1.4	16QAM	6	0	13.38	13.51	13.40	15	0
1.4	64QAM	1	0	13.45	13.49	13.49	15	0
1.4	64QAM	1	3	13.28	13.34	13.44		
1.4	64QAM	1	5	13.49	13.49	13.45		
1.4	64QAM	3	0	13.48	13.31	13.23		
1.4	64QAM	3	1	13.39	13.29	13.49		
1.4	64QAM	3	3	13.36	13.44	13.32		
1.4	64QAM	6	0	13.45	13.44	13.42	15	0
1.4	256QAM	1	0	13.29	13.42	13.24	15	0
1.4	256QAM	1	3	13.27	13.42	13.47		
1.4	256QAM	1	5	13.34	13.41	13.32		
1.4	256QAM	3	0	13.44	13.31	13.37		
1.4	256QAM	3	1	13.34	13.43	13.33		
1.4	256QAM	3	3	13.30	13.47	13.57		
1.4	256QAM	6	0	13.32	13.45	13.39	15	0

Reduced Power Mode for Main PA DSI3 UL CA

Band 2 Ant 0 DSI3 sig path:347

BW [MHz]	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	14.43	14.44	14.32	15	0
20	QPSK	1	49	14.38	14.41	14.29		
20	QPSK	1	99	14.22	14.23	14.27		
20	QPSK	50	0	14.35	14.40	14.20	15	0
20	QPSK	50	24	14.25	14.35	14.15		
20	QPSK	50	50	14.32	14.25	14.26		
20	QPSK	100	0	14.16	14.38	14.36		
20	16QAM	1	0	14.29	14.19	14.29	15	0
20	16QAM	1	49	14.15	14.23	14.29		
20	16QAM	1	99	14.31	14.29	14.26		
20	16QAM	50	0	14.24	14.31	14.17	15	0
20	16QAM	50	24	14.19	14.30	14.33		
20	16QAM	50	50	14.21	14.34	14.16		
20	16QAM	100	0	14.27	14.20	14.33		
20	64QAM	1	0	14.26	14.37	14.27	15	0
20	64QAM	1	49	14.30	14.23	14.19		
20	64QAM	1	99	14.29	14.37	14.34		
20	64QAM	50	0	14.20	14.23	14.17	15	0
20	64QAM	50	24	14.23	14.22	14.32		
20	64QAM	50	50	14.25	14.31	14.27		
20	64QAM	100	0	14.17	14.20	14.25		
20	256QAM	1	0	14.19	14.20	14.28	15	0
20	256QAM	1	49	14.21	14.29	14.34		
20	256QAM	1	99	14.24	14.22	14.35		
20	256QAM	50	0	14.29	14.21	14.29	15	0
20	256QAM	50	24	14.29	14.25	14.26		
20	256QAM	50	50	14.24	14.24	14.37		
20	256QAM	100	0	14.23	14.35	14.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.23	14.33	14.10	15	0
15	QPSK	1	37	14.27	14.33	14.15		
15	QPSK	1	74	14.23	14.16	14.29		
15	QPSK	36	0	14.33	14.33	14.08	15	0
15	QPSK	36	20	14.12	14.18	14.03		
15	QPSK	36	39	14.19	14.24	14.18		
15	QPSK	75	0	14.06	14.36	14.29		
15	16QAM	1	0	14.23	14.25	14.15	15	0
15	16QAM	1	37	14.09	14.15	14.22		
15	16QAM	1	74	14.06	14.11	14.15		
15	16QAM	36	0	14.20	14.34	14.09	15	0
15	16QAM	36	20	14.27	14.14	14.20		
15	16QAM	36	39	14.05	14.15	14.17		
15	16QAM	75	0	14.08	14.09	14.33		
15	64QAM	1	0	14.23	14.15	14.23	15	0
15	64QAM	1	37	14.19	14.13	14.05		
15	64QAM	1	74	14.28	14.25	14.34		
15	64QAM	36	0	14.29	14.20	14.17	15	0
15	64QAM	36	20	14.21	14.07	14.28		
15	64QAM	36	39	14.17	14.20	14.15		
15	64QAM	75	0	14.07	14.21	14.15		
15	256QAM	1	0	14.07	14.08	14.23	15	0
15	256QAM	1	37	14.25	14.22	14.21		
15	256QAM	1	74	14.09	14.01	14.29		
15	256QAM	36	0	14.16	14.03	14.05	15	0
15	256QAM	36	20	14.19	14.11	14.08		
15	256QAM	36	39	14.21	14.18	14.19		
15	256QAM	75	0	14.06	14.25	14.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.18	14.30	14.14	15	0
10	QPSK	1	25	14.17	14.30	14.18		
10	QPSK	1	49	14.21	14.13	14.23		
10	QPSK	25	0	14.15	14.28	14.31	15	0
10	QPSK	25	12	14.16	14.25	14.34		
10	QPSK	25	25	14.18	14.06	14.15		
10	QPSK	50	0	14.11	14.25	14.18		
10	16QAM	1	0	14.19	14.05	14.29	15	0
10	16QAM	1	25	14.07	14.21	14.15		
10	16QAM	1	49	14.16	14.21	14.21		
10	16QAM	25	0	14.12	14.26	14.11	15	0
10	16QAM	25	12	14.13	14.12	14.16		
10	16QAM	25	25	14.12	14.25	14.14		
10	16QAM	50	0	14.28	14.03	14.23		
10	64QAM	1	0	14.21	14.19	14.12	15	0
10	64QAM	1	25	14.26	14.04	14.15		
10	64QAM	1	49	14.32	14.22	14.18		
10	64QAM	25	0	13.96	14.10	14.14	15	0
10	64QAM	25	12	14.23	14.07	14.14		
10	64QAM	25	25	14.10	14.10	14.32		
10	64QAM	50	0	14.01	14.19	14.15		
10	256QAM	1	0	14.15	14.14	14.17	15	0
10	256QAM	1	25	14.10	14.10	14.16		
10	256QAM	1	49	14.18	14.09	14.27		
10	256QAM	25	0	14.26	14.15	14.03	15	0
10	256QAM	25	12	14.24	14.22	14.17		
10	256QAM	25	25	14.19	14.09	14.32		
10	256QAM	50	0	14.16	14.28	14.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.30	14.25	14.12	15	0
5	QPSK	1	12	14.23	14.23	14.09		
5	QPSK	1	24	14.07	14.11	14.11		
5	QPSK	12	0	14.21	14.37	14.07	15	0
5	QPSK	12	7	14.07	14.28	14.14		
5	QPSK	12	13	14.03	14.12	14.12		
5	QPSK	25	0	14.18	14.32	14.25		
5	16QAM	1	0	14.08	14.22	14.25	15	0
5	16QAM	1	12	14.16	14.16	14.11		
5	16QAM	1	24	14.28	14.14	14.22		
5	16QAM	12	0	14.21	14.29	14.13	15	0
5	16QAM	12	7	14.07	14.24	14.26		
5	16QAM	12	13	14.18	14.23	14.04		
5	16QAM	25	0	14.22	14.04	14.35		
5	64QAM	1	0	14.09	14.14	14.00	15	0
5	64QAM	1	12	14.15	14.17	14.16		
5	64QAM	1	24	14.28	14.35	14.28		
5	64QAM	12	0	13.95	14.15	14.03	15	0
5	64QAM	12	7	14.19	14.00	14.23		
5	64QAM	12	13	14.04	14.08	14.30		
5	64QAM	25	0	14.19	14.06	14.20		
5	256QAM	1	0	14.13	14.03	14.12	15	0
5	256QAM	1	12	14.03	14.28	14.16		
5	256QAM	1	24	14.05	14.14	14.38		
5	256QAM	12	0	14.17	14.08	14.11	15	0
5	256QAM	12	7	14.13	14.18	14.08		
5	256QAM	12	13	14.16	14.12	14.23		
5	256QAM	25	0	14.13	14.19	14.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.23	14.36	14.31	15	0
3	QPSK	1	8	14.28	14.21	14.22		
3	QPSK	1	14	14.03	14.06	14.18		
3	QPSK	8	0	14.24	14.31	14.23	15	0
3	QPSK	8	4	14.03	14.23	14.05		
3	QPSK	8	7	14.17	14.11	14.10		
3	QPSK	15	0	14.02	14.21	14.30		
3	16QAM	1	0	14.09	14.08	14.18	15	0
3	16QAM	1	8	14.01	14.19	14.19		
3	16QAM	1	14	14.20	14.32	14.13		
3	16QAM	8	0	14.08	14.18	14.14	15	0
3	16QAM	8	4	13.98	14.23	14.14		
3	16QAM	8	7	14.08	14.15	14.20		
3	16QAM	15	0	14.24	14.09	14.20		
3	64QAM	1	0	14.26	14.26	14.14	15	0
3	64QAM	1	8	14.11	14.20	14.22		
3	64QAM	1	14	14.27	14.14	14.32		
3	64QAM	8	0	14.07	14.13	14.12	15	0
3	64QAM	8	4	14.16	14.09	14.21		
3	64QAM	8	7	14.09	14.29	14.11		
3	64QAM	15	0	14.09	14.04	14.14		
3	256QAM	1	0	14.17	14.20	14.09	15	0
3	256QAM	1	8	14.20	14.21	14.32		
3	256QAM	1	14	14.09	14.20	14.14		
3	256QAM	8	0	14.16	14.14	14.17	15	0
3	256QAM	8	4	14.16	14.32	14.11		
3	256QAM	8	7	14.04	14.06	14.26		
3	256QAM	15	0	14.20	14.20	14.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.33	14.40	14.29	15	0
1.4	QPSK	1	3	14.36	14.34	14.21		
1.4	QPSK	1	5	14.22	14.17	14.16		
1.4	QPSK	3	0	14.27	14.19	14.09		
1.4	QPSK	3	1	14.14	14.28	14.11		
1.4	QPSK	3	3	14.03	14.07	14.01		
1.4	QPSK	6	0	14.15	14.27	14.21	15	0
1.4	16QAM	1	0	14.22	14.15	14.22	15	0
1.4	16QAM	1	3	14.13	14.22	14.13		
1.4	16QAM	1	5	14.12	14.31	14.23		
1.4	16QAM	3	0	14.11	14.21	14.14		
1.4	16QAM	3	1	14.12	14.19	14.18		
1.4	16QAM	3	3	14.14	14.24	14.24		
1.4	16QAM	6	0	14.26	14.07	14.28	15	0
1.4	64QAM	1	0	14.03	14.26	14.13	15	0
1.4	64QAM	1	3	14.11	14.20	14.09		
1.4	64QAM	1	5	14.21	14.37	14.28		
1.4	64QAM	3	0	14.19	14.14	13.99		
1.4	64QAM	3	1	14.10	14.07	14.24		
1.4	64QAM	3	3	14.21	14.16	14.25		
1.4	64QAM	6	0	14.10	14.04	14.23	15	0
1.4	256QAM	1	0	14.03	14.03	14.13	15	0
1.4	256QAM	1	3	14.17	14.17	14.27		
1.4	256QAM	1	5	14.15	14.17	14.14		
1.4	256QAM	3	0	14.08	14.13	14.16		
1.4	256QAM	3	1	14.27	14.13	14.15		
1.4	256QAM	3	3	14.18	14.09	14.29		
1.4	256QAM	6	0	14.24	14.20	14.18	15	0

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BW [MHz]	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	14.92	14.99	14.90	16.5	0
20	QPSK	1	49	14.85	14.87	14.86		
20	QPSK	1	99	14.87	14.83	14.73		
20	QPSK	50	0	14.86	14.99	14.84	16.5	0
20	QPSK	50	24	14.82	14.85	14.67		
20	QPSK	50	50	14.79	14.79	14.77		
20	QPSK	100	0	14.73	14.91	14.71		
20	16QAM	1	0	14.88	14.81	14.76	16.5	0
20	16QAM	1	49	14.82	14.89	14.82		
20	16QAM	1	99	14.73	14.90	14.80		
20	16QAM	50	0	14.82	14.78	14.80	16.5	0
20	16QAM	50	24	14.79	14.70	14.93		
20	16QAM	50	50	14.76	14.82	14.74		
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BW [MHz]	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	19.39	19.42	19.30	20.5	0
10	QPSK	1	25	19.31	19.30	19.35		
10	QPSK	1	49	19.37	19.35	19.39		
10	QPSK	25	0	19.36	19.40	19.33	20.5	0
10	QPSK	25	12	19.22	19.33	19.30		
10	QPSK	25	25	19.22	19.35	19.27		
10	QPSK	50	0	19.33	19.38	19.28		
10	16QAM	1	0	19.26	19.32	19.28	20.5	0
10	16QAM	1	25	19.39	19.29	19.24		
10	16QAM	1	49	19.33	19.21	19.25		
10	16QAM	25	0	19.34	19.36	19.34	20.5	0
10	16QAM	25	12	19.40	19.28	19.33		
10	16QAM	25	25	19.24	19.26	19.36		
10	16QAM	50	0	19.29	19.37	19.29		
10	64QAM	1	0	19.30	19.29	19.28	20.5	0
10	64QAM	1	25	19.23	19.28	19.29		
10	64QAM	1	49	19.29	19.29	19.37		
10	64QAM	25	0	19.33	19.28	19.30	20.5	0
10	64QAM	25	12	19.28	19.25	19.33		
10	64QAM	25	25	19.33	19.31	19.33		
10	64QAM	50	0	19.33	19.27	19.23		
10	256QAM	1	0	17.52	17.51	17.60	19	1.5
10	256QAM	1	25	17.43	17.37	17.50		
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49	19	1.5
10	256QAM	25	12	17.39	17.48	17.34		
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.33	19.38	19.17	20.5	0
5	QPSK	1	12	19.23	19.17	19.20		
5	QPSK	1	24	19.27	19.25	19.28		
5	QPSK	12	0	19.26	19.25	19.28	20.5	0
5	QPSK	12	7	19.08	19.25	19.13		
5	QPSK	12	13	19.09	19.26	19.19		
5	QPSK	25	0	19.17	19.26	19.12		
5	16QAM	1	0	19.13	19.19	19.13	20.5	0
5	16QAM	1	12	19.25	19.26	19.10		
5	16QAM	1	24	19.30	19.08	19.15		
5	16QAM	12	0	19.23	19.30	19.18	20.5	0
5	16QAM	12	7	19.36	19.20	19.25		
5	16QAM	12	13	19.11	19.14	19.20		
5	16QAM	25	0	19.11	19.33	19.15		
5	64QAM	1	0	19.16	19.26	19.23	20.5	0
5	64QAM	1	12	19.09	19.18	19.12		
5	64QAM	1	24	19.27	19.11	19.33		
5	64QAM	12	0	19.22	19.18	19.16	20.5	0
5	64QAM	12	7	19.19	19.11	19.29		
5	64QAM	12	13	19.26	19.16	19.20		
5	64QAM	25	0	19.24	19.13	19.16		
5	256QAM	1	0	17.51	17.39	17.45	19	1.5
5	256QAM	1	12	17.27	17.24	17.37		
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35	19	1.5
5	256QAM	12	7	17.24	17.41	17.30		
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.30	19.37	19.28	20.5	0
3	QPSK	1	8	19.20	19.19	19.19		
3	QPSK	1	14	19.24	19.29	19.31		
3	QPSK	8	0	19.27	19.25	19.23	20.5	0
3	QPSK	8	4	19.20	19.31	19.13		
3	QPSK	8	7	19.20	19.21	19.16		
3	QPSK	15	0	19.22	19.21	19.14		
3	16QAM	1	0	19.16	19.14	19.21	20.5	0
3	16QAM	1	8	19.21	19.16	19.11		
3	16QAM	1	14	19.18	19.10	19.15		
3	16QAM	8	0	19.22	19.21	19.32	20.5	0
3	16QAM	8	4	19.26	19.22	19.20		
3	16QAM	8	7	19.07	19.21	19.29		
3	16QAM	15	0	19.25	19.21	19.20		
3	64QAM	1	0	19.21	19.25	19.24	20.5	0
3	64QAM	1	8	19.08	19.25	19.13		
3	64QAM	1	14	19.25	19.17	19.22		
3	64QAM	8	0	19.31	19.21	19.26	20.5	0
3	64QAM	8	4	19.25	19.19	19.24		
3	64QAM	8	7	19.20	19.16	19.17		
3	64QAM	15	0	19.16	19.11	19.18		
3	256QAM	1	0	17.33	17.43	17.54	19	1.5
3	256QAM	1	8	17.28	17.22	17.43		
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43	19	1.5
3	256QAM	8	4	17.21	17.46	17.30		
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.27	19.34	19.15	20.5	0
1.4	QPSK	1	3	19.22	19.26	19.29		
1.4	QPSK	1	5	19.31	19.32	19.32		
1.4	QPSK	3	0	19.33	19.23	19.23		
1.4	QPSK	3	1	19.16	19.15	19.27		
1.4	QPSK	3	3	19.06	19.18	19.24		
1.4	QPSK	6	0	19.18	19.36	19.26	20.5	0
1.4	16QAM	1	0	19.11	19.14	19.13	20.5	0
1.4	16QAM	1	3	19.12	19.12	19.14		
1.4	16QAM	1	5	19.22	19.04	19.18		
1.4	16QAM	3	0	19.24	19.33	19.26		
1.4	16QAM	3	1	19.30	19.19	19.23		
1.4	16QAM	3	3	19.17	19.19	19.32		
1.4	16QAM	6	0	19.19	19.35	19.15	20.5	0
1.4	64QAM	1	0	19.15	19.15	19.21	20.5	0
1.4	64QAM	1	3	19.20	19.10	19.11		
1.4	64QAM	1	5	19.13	19.12	19.18		
1.4	64QAM	3	0	19.24	19.11	19.12		
1.4	64QAM	3	1	19.22	19.17	19.28		
1.4	64QAM	3	3	19.16	19.18	19.19		
1.4	64QAM	6	0	19.27	19.21	19.15	20.5	0
1.4	256QAM	1	0	17.41	17.34	17.51	19	1.5
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18		
1.4	256QAM	3	0	17.38	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	1.5

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.89	22.98	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.58	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.80		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.86		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI3 sig path:300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.96	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.94		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.89	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI3

BW [MHz]	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		22.60		23.5	0
10	QPSK	1	25		22.51			
10	QPSK	1	49		22.55			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	0.5
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	1.5
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	1.5
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	2.5
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	4.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	4.5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.41	22.52	22.58	23.5	0
5	QPSK	1	12	22.40	22.40	22.43		
5	QPSK	1	24	22.33	22.38	22.40		
5	QPSK	12	0	21.77	21.73	21.75	23	0.5
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	0.5
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	1.5
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	1.5
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	2.5
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	4.5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	4.5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI3 sig path:378

BW [MHz]	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		22.67		23.5	0
10	QPSK	1	25		22.58			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.88		23	0.5
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	0.5
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	1.5
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	2.5
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	4.5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	4.5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.58	22.62	22.57	23.5	0
5	QPSK	1	12	22.42	22.58	22.47		
5	QPSK	1	24	22.46	22.53	22.56		
5	QPSK	12	0	21.77	21.84	21.80	23	0.5
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.79		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	0.5
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	1.5
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	1.5
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	2.5
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	4.5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.78		
5	256QAM	12	0	17.68	17.63	17.67	19	4.5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.56		22.5	0
10	QPSK	1	25		21.49			
10	QPSK	1	49		21.51			
10	QPSK	25	0		21.54		22.5	0
10	QPSK	25	12		21.38			
10	QPSK	25	25		21.47			
10	QPSK	50	0		21.51			
10	16QAM	1	0		21.49		22.5	0
10	16QAM	1	25		21.52			
10	16QAM	1	49		21.47			
10	16QAM	25	0		21.54		22	0.5
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.55			
10	64QAM	1	0		21.48		22	0.5
10	64QAM	1	25		21.43			
10	64QAM	1	49		21.48			
10	64QAM	25	0		19.87		21	1.5
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	3.5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	3.5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.55	21.45	21.43	22.5	0
5	QPSK	1	12	21.40	21.45	21.31		
5	QPSK	1	24	21.46	21.55	21.42		
5	QPSK	12	0	21.33	21.47	21.50	22.5	0
5	QPSK	12	7	21.35	21.28	21.28		
5	QPSK	12	13	21.35	21.48	21.40		
5	QPSK	25	0	21.46	21.48	21.35		
5	16QAM	1	0	21.43	21.43	21.45	22.5	0
5	16QAM	1	12	21.36	21.53	21.31		
5	16QAM	1	24	21.38	21.37	21.27		
5	16QAM	12	0	21.33	21.50	21.42	22	0.5
5	16QAM	12	7	21.44	21.43	21.40		
5	16QAM	12	13	21.31	21.33	21.15		
5	16QAM	25	0	21.53	21.49	21.43		
5	64QAM	1	0	21.37	21.40	21.39	22	0.5
5	64QAM	1	12	21.36	21.33	21.28		
5	64QAM	1	24	21.42	21.39	21.30		
5	64QAM	12	0	19.72	19.73	19.72	21	1.5
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	3.5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	3.5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI3 sig path:381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.53		22.5	0
10	QPSK	1	25		21.40			
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.50		22.5	0
10	QPSK	25	12		21.41			
10	QPSK	25	25		21.45			
10	QPSK	50	0		21.46			
10	16QAM	1	0		21.45		22.5	0
10	16QAM	1	25		21.40			
10	16QAM	1	49		21.36			
10	16QAM	25	0		21.39		22	0.5
10	16QAM	25	12		21.35			
10	16QAM	25	25		21.52			
10	16QAM	50	0		21.49			
10	64QAM	1	0		21.37		22	0.5
10	64QAM	1	25		21.41			
10	64QAM	1	49		21.35			
10	64QAM	25	0		19.79		21	1.5
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	3.5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	3.5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.42	21.47	21.36	22.5	0
5	QPSK	1	12	21.29	21.38	21.36		
5	QPSK	1	24	21.28	21.44	21.39		
5	QPSK	12	0	21.42	21.40	21.32	22.5	0
5	QPSK	12	7	21.29	21.32	21.31		
5	QPSK	12	13	21.28	21.32	21.41		
5	QPSK	25	0	21.34	21.48	21.48		
5	16QAM	1	0	21.43	21.35	21.25	22.5	0
5	16QAM	1	12	21.34	21.30	21.38		
5	16QAM	1	24	21.19	21.30	21.30		
5	16QAM	12	0	21.24	21.39	21.29	22	0.5
5	16QAM	12	7	21.13	21.30	21.29		
5	16QAM	12	13	21.50	21.52	21.31		
5	16QAM	25	0	21.35	21.48	21.42		
5	64QAM	1	0	21.35	21.38	21.23	22	0.5
5	64QAM	1	12	21.27	21.30	21.34		
5	64QAM	1	24	21.26	21.23	21.28		
5	64QAM	12	0	19.69	19.66	19.74	21	1.5
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	3.5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	3.5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

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BW [MHz]	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	14.88	15.06	14.96		
20	QPSK	1	49	14.80	15.04	14.85	16.5	0
20	QPSK	1	99	14.69	14.87	14.86		
20	QPSK	50	0	14.94	14.99	14.90		
20	QPSK	50	24	14.86	14.91	14.80	16.5	0
20	QPSK	50	50	14.97	14.88	14.89		
20	QPSK	100	0	14.94	15.02	14.90		
20	16QAM	1	0	15.01	14.94	14.94		
20	16QAM	1	49	15.01	15.00	15.01	16.5	0
20	16QAM	1	99	14.91	14.89	14.83		
20	16QAM	50	0	14.81	14.82	14.79		
20	16QAM	50	24	14.98	15.00	14.82	16.5	0
20	16QAM	50	50	14.90	14.84	14.95		
20	16QAM	100	0	14.88	14.91	14.81		
20	64QAM	1	0	14.87	14.90	14.93		
20	64QAM	1	49	14.83	14.94	14.94	16.5	0
20	64QAM	1	99	14.89	14.99	14.91		
20	64QAM	50	0	14.90	14.89	14.86		
20	64QAM	50	24	14.96	14.74	14.81	16.5	0
20	64QAM	50	50	14.80	15.05	14.88		
20	64QAM	100	0	14.97	14.98	14.95		
20	256QAM	1	0	14.91	14.91	14.83		
20	256QAM	1	49	14.88	15.01	14.79	16.5	0
20	256QAM	1	99	14.64	14.67	14.81		
20	256QAM	50	0	14.75	14.99	14.74		
20	256QAM	50	24	14.67	14.90	14.71	16.5	0
20	256QAM	50	50	15.03	14.78	14.76		
20	256QAM	100	0	14.87	14.97	14.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.76	14.87	14.83		
15	QPSK	1	37	14.70	14.98	14.78	16.5	0
15	QPSK	1	74	14.67	14.82	14.73		
15	QPSK	36	0	14.84	14.90	14.69		
15	QPSK	36	20	14.75	14.87	14.69	16.5	0
15	QPSK	36	39	14.87	14.90	14.79		
15	QPSK	75	0	14.91	14.79	14.82		
15	16QAM	1	0	14.96	14.79	14.72		
15	16QAM	1	37	14.86	14.85	14.87	16.5	0
15	16QAM	1	74	14.74	14.74	14.79		
15	16QAM	36	0	14.73	14.84	14.60		
15	16QAM	36	20	14.84	14.78	14.73	16.5	0
15	16QAM	36	39	14.84	14.66	14.91		
15	16QAM	75	0	14.90	14.67	14.79		
15	64QAM	1	0	14.84	14.79	14.86		
15	64QAM	1	37	14.69	14.93	14.77	16.5	0
15	64QAM	1	74	14.73	14.96	14.86		
15	64QAM	36	0	14.69	14.92	14.67		
15	64QAM	36	20	14.85	14.70	14.67	16.5	0
15	64QAM	36	39	14.64	14.96	14.90		
15	64QAM	75	0	14.94	14.90	14.83		
15	256QAM	1	0	14.81	15.00	14.83		
15	256QAM	1	37	14.84	14.82	14.70	16.5	0
15	256QAM	1	74	14.57	14.80	14.67		
15	256QAM	36	0	14.79	14.88	14.77		
15	256QAM	36	20	14.69	14.92	14.86	16.5	0
15	256QAM	36	39	14.96	14.95	14.75		
15	256QAM	75	0	14.73	14.98	14.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.84	14.97	14.92		
10	QPSK	1	25	14.77	14.94	14.76	16.5	0
10	QPSK	1	49	14.63	14.75	14.75		
10	QPSK	25	0	14.76	14.89	14.81		
10	QPSK	25	12	14.77	14.82	14.82	16.5	0
10	QPSK	25	25	14.94	14.84	14.81		
10	QPSK	50	0	14.85	14.94	14.83		
10	16QAM	1	0	15.02	14.88	14.83		
10	16QAM	1	25	14.96	14.94	14.86	16.5	0
10	16QAM	1	49	14.69	14.77	14.81		
10	16QAM	25	0	14.66	14.86	14.69		
10	16QAM	25	12	14.93	14.80	14.78	16.5	0
10	16QAM	25	25	14.77	14.81	14.90		
10	16QAM	50	0	14.81	14.69	14.74		
10	64QAM	1	0	14.78	14.71	14.83		
10	64QAM	1	25	14.69	14.82	14.77	16.5	0
10	64QAM	1	49	14.75	14.95	14.89		
10	64QAM	25	0	14.85	14.82	14.76		
10	64QAM	25	12	14.97	14.62	14.81	16.5	0
10	64QAM	25	25	14.68	14.92	14.80		
10	64QAM	50	0	14.92	14.84	14.84		
10	256QAM	1	0	14.87	14.83	14.76		
10	256QAM	1	25	14.82	15.00	14.73	16.5	0
10	256QAM	1	49	14.65	14.82	14.72		
10	256QAM	25	0	14.79	14.95	14.89		
10	256QAM	25	12	14.65	14.77	14.60	16.5	0
10	256QAM	25	25	14.91	14.86	14.95		
10	256QAM	50	0	14.94	14.77	14.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.83	14.93	14.90		
5	QPSK	1	12	14.81	14.89	14.76	16.5	0
5	QPSK	1	24	14.60	14.75	14.71		
5	QPSK	12	0	14.82	14.84	14.67		
5	QPSK	12	7	14.71	14.92	14.74	16.5	0
5	QPSK	12	13	14.94	14.91	14.84		
5	QPSK	25	0	14.91	14.85	14.83		
5	16QAM	1	0	14.95	14.80	14.77		
5	16QAM	1	12	14.88	14.85	14.91	16.5	0
5	16QAM	1	24	14.71	14.82	14.75		
5	16QAM	12	0	14.67	14.72	14.59		
5	16QAM	12	7	14.80	14.90	14.75	16.5	0
5	16QAM	12	13	14.82	14.77	14.94		
5	16QAM	25	0	14.79	14.85	14.70		
5	64QAM	1	0	14.82	14.77	14.81		
5	64QAM	1	12	14.77	14.85	14.71	16.5	0
5	64QAM	1	24	14.68	14.84	14.83		
5	64QAM	12	0	14.78	14.87	14.79		
5	64QAM	12	7	14.86	14.73	14.72	16.5	0
5	64QAM	12	13	14.72	14.93	14.85		
5	64QAM	25	0	14.87	14.88	14.89		
5	256QAM	1	0	14.91	14.97	14.84		
5	256QAM	1	12	14.69	14.93	14.73	16.5	0
5	256QAM	1	24	14.50	14.76	14.73		
5	256QAM	12	0	14.78	14.86	14.82		
5	256QAM	12	7	14.71	14.93	14.83	16.5	0
5	256QAM	12	13	14.84	14.84	14.95		
5	256QAM	25	0	14.87	14.89	14.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.93	14.85	14.81		
3	QPSK	1	8	14.69	14.91	14.78	16.5	0
3	QPSK	1	14	14.69	14.70	14.73		
3	QPSK	8	0	14.86	14.90	14.75		
3	QPSK	8	4	14.80	14.85	14.76	16.5	0
3	QPSK	8	7	14.90	14.76	14.76		
3	QPSK	15	0	14.84	14.85	14.83		
3	16QAM	1	0	14.83	14.87	14.87		
3	16QAM	1	8	14.83	14.85	14.84	16.5	0
3	16QAM	1	14	14.71	14.81	14.72		
3	16QAM	8	0	14.70	14.79	14.78		
3	16QAM	8	4	14.89	14.85	14.72	16.5	0
3	16QAM	8	7	14.78	14.86	14.91		
3	16QAM	15	0	14.87	14.78	14.77		
3	64QAM	1	0	14.72	14.75	14.81		
3	64QAM	1	8	14.76	14.83	14.80	16.5	0
3	64QAM	1	14	14.82	14.83	14.85		
3	64QAM	8	0	14.78	14.81	14.75		
3	64QAM	8	4	14.88	14.64	14.70	16.5	0
3	64QAM	8	7	14.62	14.86	14.89		
3	64QAM	15	0	14.84	14.81	14.79		
3	256QAM	1	0	14.85	14.89	14.84		
3	256QAM	1	8	14.61	14.90	14.79	16.5	0
3	256QAM	1	14	14.73	14.89	14.72		
3	256QAM	8	0	14.85	14.90	14.76		
3	256QAM	8	4	14.72	14.79	14.72	16.5	0
3	256QAM	8	7	14.76	14.89	14.68		
3	256QAM	15	0	14.92	14.92	14.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.84	14.88	14.86		
1.4	QPSK	1	3	14.75	14.98	14.80		
1.4	QPSK	1	5	14.58	14.76	14.71	16.5	0
1.4	QPSK	3	0	14.89	14.89	14.77		
1.4	QPSK	3	1	14.72	14.83	14.79		
1.4	QPSK	3	3	14.81	14.75	14.74		
1.4	QPSK	6	0	14.76	14.97	14.91	16.5	0
1.4	16QAM	1	0	14.88	14.92	14.78		
1.4	16QAM	1	3	14.91	14.83	14.81		
1.4	16QAM	1	5	14.75	14.79	14.75	16.5	0
1.4	16QAM	3	0	14.79	14.71	14.64		
1.4	16QAM	3	1	14.88	14.82	14.82		
1.4	16QAM	3	3	14.89	14.80	14.81		
1.4	16QAM	6	0	14.76	14.73	14.72	16.5	0
1.4	64QAM	1	0	14.78	14.73	14.86		
1.4	64QAM	1	3	14.75	14.88	14.75		
1.4	64QAM	1	5	14.80	14.85	14.86	16.5	0
1.4	64QAM	3	0	14.85	14.86	14.76		
1.4	64QAM	3	1	14.87	14.67	14.82		
1.4	64QAM	3	3	14.79	14.83	14.84		
1.4	64QAM	6	0	14.89	14.89	14.87	16.5	0
1.4	256QAM	1	0	14.91	14.98	14.83		
1.4	256QAM	1	3	14.82	15.00	14.71		
1.4	256QAM	1	5	14.58	14.79	14.73	16.5	0
1.4	256QAM	3	0	14.79	14.99	14.77		
1.4	256QAM	3	1	14.84	14.82	14.64		
1.4	256QAM	3	3	14.92	14.82	14.89		
1.4	256QAM	6	0	14.73	14.85	14.73	16.5	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	15.24	15.29	15.27		
20	QPSK	1	49	15.17	15.15	15.16	16.5	0
20	QPSK	1	99	15.22	15.07	15.19		
20	QPSK	50	0	15.21	15.25	15.16		
20	QPSK	50	24	15.20	15.09	15.08	16.5	0
20	QPSK	50	50	15.19	15.15	15.21		
20	QPSK	100	0	15.02	15.20	15.12		
20	16QAM	1	0	15.17	15.10	15.10		
20	16QAM	1	49	15.06	15.11	15.27	16.5	0
20	16QAM	1	99	15.13	15.14	15.18		
20	16QAM	50	0	15.17	15.13	15.10		
20	16QAM	50	24	15.12	15.13	15.28	16.5	0
20	16QAM	50	50	15.12	15.25	15.01		
20	16QAM	100	0	15.17	15.28	15.16		
20	64QAM	1	0	15.21	15.21	15.19		
20	64QAM	1	49	15.15	15.13	15.12	16.5	0
20	64QAM	1	99	15.25	15.16	15.25		
20	64QAM	50	0	15.05	15.05	15.20		
20	64QAM	50	24	15.13	15.13	15.23	16.5	0
20	64QAM	50	50	15.25	15.22	15.21		
20	64QAM	100	0	15.15	15.09	15.18		
20	256QAM	1	0	15.05	15.25	15.20		
20	256QAM	1	49	14.96	14.92	15.02	16.5	0
20	256QAM	1	99	15.18	15.04	15.07		
20	256QAM	50	0	15.17	15.16	15.03		
20	256QAM	50	24	15.07	14.99	14.98	16.5	0
20	256QAM	50	50	15.00	14.98	15.08		
20	256QAM	100	0	14.98	15.02	15.02		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.06	15.21	15.22		
15	QPSK	1	37	14.94	15.01	15.14	16.5	0
15	QPSK	1	74	15.08	14.99	15.16		
15	QPSK	36	0	15.03	15.22	15.03		
15	QPSK	36	20	15.04	15.01	15.13	16.5	0
15	QPSK	36	39	15.12	14.93	15.00		
15	QPSK	75	0	15.07	14.97	14.96		
15	16QAM	1	0	15.10	14.98	15.03		
15	16QAM	1	37	14.88	15.02	15.24	16.5	0
15	16QAM	1	74	14.94	15.05	15.01		
15	16QAM	36	0	15.20	15.06	14.95		
15	16QAM	36	20	15.13	15.02	15.12	16.5	0
15	16QAM	36	39	15.10	15.22	14.98		
15	16QAM	75	0	15.20	15.24	15.21		
15	64QAM	1	0	15.06	14.99	15.22		
15	64QAM	1	37	15.03	14.94	14.93	16.5	0
15	64QAM	1	74	15.17	15.25	14.98		
15	64QAM	36	0	15.05	14.96	15.15		
15	64QAM	36	20	15.08	15.08	15.08	16.5	0
15	64QAM	36	39	15.05	15.03	15.08		
15	64QAM	75	0	14.95	15.00	15.00		
15	256QAM	1	0	15.05	15.28	15.17		
15	256QAM	1	37	15.00	15.14	15.11	16.5	0
15	256QAM	1	74	15.10	15.04	15.08		
15	256QAM	36	0	15.17	15.11	15.10		
15	256QAM	36	20	15.12	14.99	14.90	16.5	0
15	256QAM	36	39	15.10	14.88	15.17		
15	256QAM	75	0	14.86	15.02	15.03		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.02	15.16	15.26		
10	QPSK	1	25	14.90	15.06	14.99	16.5	0
10	QPSK	1	49	15.14	14.97	15.12		
10	QPSK	25	0	15.13	15.26	15.15		
10	QPSK	25	12	15.11	15.00	14.94	16.5	0
10	QPSK	25	25	15.17	15.00	15.05		
10	QPSK	50	0	14.81	15.12	15.00		
10	16QAM	1	0	14.97	15.06	15.08		
10	16QAM	1	25	15.10	15.13	15.05	16.5	0
10	16QAM	1	49	15.00	15.09	15.11		
10	16QAM	25	0	15.06	15.02	14.98		
10	16QAM	25	12	15.14	14.98	15.09	16.5	0
10	16QAM	25	25	15.15	15.23	14.89		
10	16QAM	50	0	15.20	15.16	15.17		
10	64QAM	1	0	15.04	14.98	15.04		
10	64QAM	1	25	15.03	15.09	15.01	16.5	0
10	64QAM	1	49	15.15	15.15	14.99		
10	64QAM	25	0	14.93	15.04	15.04		
10	64QAM	25	12	14.90	15.02	15.10	16.5	0
10	64QAM	25	25	15.15	15.11	15.16		
10	64QAM	50	0	15.04	15.13	15.11		
10	256QAM	1	0	15.12	15.17	15.04		
10	256QAM	1	25	14.96	15.06	14.97	16.5	0
10	256QAM	1	49	15.06	15.06	15.02		
10	256QAM	25	0	15.24	15.08	15.21		
10	256QAM	25	12	14.95	15.05	14.90	16.5	0
10	256QAM	25	25	15.18	15.04	14.99		
10	256QAM	50	0	15.01	15.27	15.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.12	15.23	15.14		
5	QPSK	1	12	15.05	15.20	15.17	16.5	0
5	QPSK	1	24	15.11	14.99	15.16		
5	QPSK	12	0	15.12	15.14	15.03		
5	QPSK	12	7	15.05	14.97	14.90	16.5	0
5	QPSK	12	13	15.22	15.15	14.91		
5	QPSK	25	0	15.06	15.10	15.11		
5	16QAM	1	0	15.14	14.85	15.00		
5	16QAM	1	12	14.94	14.98	15.08	16.5	0
5	16QAM	1	24	15.08	15.11	15.07		
5	16QAM	12	0	15.09	15.02	15.08		
5	16QAM	12	7	14.94	15.10	15.12	16.5	0
5	16QAM	12	13	15.02	15.12	14.91		
5	16QAM	25	0	15.17	15.20	14.97		
5	64QAM	1	0	15.10	15.02	15.22		
5	64QAM	1	12	15.07	15.02	15.02	16.5	0
5	64QAM	1	24	15.16	15.12	15.05		
5	64QAM	12	0	15.02	14.93	15.12		
5	64QAM	12	7	14.88	14.99	15.19	16.5	0
5	64QAM	12	13	15.07	15.11	14.96		
5	64QAM	25	0	14.98	15.01	15.13		
5	256QAM	1	0	15.15	15.19	15.16		
5	256QAM	1	12	15.01	15.08	15.19	16.5	0
5	256QAM	1	24	14.99	14.87	15.18		
5	256QAM	12	0	15.13	15.21	15.13		
5	256QAM	12	7	15.05	14.96	15.08	16.5	0
5	256QAM	12	13	15.06	15.03	15.03		
5	256QAM	25	0	14.94	15.14	14.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.11	15.25	15.19		
3	QPSK	1	8	15.01	15.06	15.17	16.5	0
3	QPSK	1	14	15.10	14.97	15.10		
3	QPSK	8	0	15.13	15.27	14.97		
3	QPSK	8	4	15.08	14.98	15.00	16.5	0
3	QPSK	8	7	15.23	14.90	15.13		
3	QPSK	15	0	14.96	15.05	15.05		
3	16QAM	1	0	15.01	15.07	14.92		
3	16QAM	1	8	14.96	14.98	15.04	16.5	0
3	16QAM	1	14	15.02	15.03	15.14		
3	16QAM	8	0	15.13	14.99	15.13		
3	16QAM	8	4	14.99	14.98	15.25	16.5	0
3	16QAM	8	7	14.93	15.07	14.85		
3	16QAM	15	0	15.03	15.22	15.16		
3	64QAM	1	0	15.07	14.97	15.14		
3	64QAM	1	8	14.94	15.01	14.95	16.5	0
3	64QAM	1	14	15.19	15.19	15.02		
3	64QAM	8	0	15.07	15.04	15.05		
3	64QAM	8	4	14.85	15.06	15.04	16.5	0
3	64QAM	8	7	15.11	15.24	15.07		
3	64QAM	15	0	15.12	15.05	15.16		
3	256QAM	1	0	15.17	15.21	15.13		
3	256QAM	1	8	15.12	15.08	15.03	16.5	0
3	256QAM	1	14	15.15	15.15	15.11		
3	256QAM	8	0	15.16	15.05	15.04		
3	256QAM	8	4	15.10	14.97	14.94	16.5	0
3	256QAM	8	7	15.07	14.93	14.97		
3	256QAM	15	0	15.07	15.19	15.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.20	15.23	15.06		
1.4	QPSK	1	3	15.01	15.15	15.19		
1.4	QPSK	1	5	15.04	15.06	15.09	16.5	0
1.4	QPSK	3	0	15.14	15.20	15.05		
1.4	QPSK	3	1	15.10	15.02	14.90		
1.4	QPSK	3	3	15.20	15.07	14.97		
1.4	QPSK	6	0	14.90	15.05	15.03	16.5	0
1.4	16QAM	1	0	15.11	15.00	15.06		
1.4	16QAM	1	3	15.00	15.06	15.12		
1.4	16QAM	1	5	15.01	15.12	15.16	16.5	0
1.4	16QAM	3	0	15.26	15.02	14.93		
1.4	16QAM	3	1	15.06	15.13	15.11		
1.4	16QAM	3	3	15.13	15.17	14.82		
1.4	16QAM	6	0	15.08	15.05	15.00	16.5	0
1.4	64QAM	1	0	15.00	15.05	15.17		
1.4	64QAM	1	3	14.94	14.97	14.99		
1.4	64QAM	1	5	15.08	15.18	15.06	16.5	0
1.4	64QAM	3	0	14.94	15.13	14.95		
1.4	64QAM	3	1	14.93	14.95	15.21		
1.4	64QAM	3	3	15.01	15.14	15.17		
1.4	64QAM	6	0	14.99	14.92	15.09	16.5	0
1.4	256QAM	1	0	15.10	15.05	15.19		
1.4	256QAM	1	3	14.92	15.00	15.08		
1.4	256QAM	1	5	15.14	15.03	15.01	16.5	0
1.4	256QAM	3	0	15.08	15.05	15.08		
1.4	256QAM	3	1	15.09	14.93	15.09		
1.4	256QAM	3	3	15.12	15.07	15.05		
1.4	256QAM	6	0	14.84	15.09	14.93	16.5	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.61	16.70	16.57		
20	QPSK	1	49	16.37	16.69	16.58	17	0
20	QPSK	1	99	16.34	16.31	16.41		
20	QPSK	50	0	16.58	16.68	16.55		
20	QPSK	50	24	16.41	16.51	16.46	17	0
20	QPSK	50	50	16.46	16.46	16.36		
20	QPSK	100	0	16.37	16.50	16.47		
20	16QAM	1	0	16.55	16.33	16.46		
20	16QAM	1	49	16.50	16.55	16.44	17	0
20	16QAM	1	99	16.44	16.57	16.37		
20	16QAM	50	0	16.34	16.31	16.52		
20	16QAM	50	24	16.51	16.45	16.53	17	0
20	16QAM	50	50	16.55	16.65	16.44		
20	16QAM	100	0	16.39	16.32	16.43		
20	64QAM	1	0	16.63	16.61	16.48		
20	64QAM	1	49	16.47	16.58	16.58	17	0
20	64QAM	1	99	16.54	16.52	16.36		
20	64QAM	50	0	16.46	16.47	16.41		
20	64QAM	50	24	16.38	16.39	16.46	17	0
20	64QAM	50	50	16.45	16.56	16.54		
20	64QAM	100	0	16.47	16.54	16.58		
20	256QAM	1	0	16.55	16.57	16.42		
20	256QAM	1	49	16.34	16.43	16.50	17	0
20	256QAM	1	99	16.35	16.34	16.48		
20	256QAM	50	0	16.38	16.57	16.38		
20	256QAM	50	24	16.45	16.42	16.32	17	0
20	256QAM	50	50	16.31	16.38	16.28		
20	256QAM	100	0	16.41	16.47	16.62		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	16.53	16.58	16.51		
15	QPSK	1	37	16.32	16.39	16.43	17	0
15	QPSK	1	74	16.28	16.40	16.27		
15	QPSK	36	0	16.49	16.59	16.48		
15	QPSK	36	20	16.30	16.40	16.40		
15	QPSK	36	39	16.37	16.35	16.23	17	0
15	QPSK	75	0	16.40	16.47	16.41		
15	16QAM	1	0	16.47	16.21	16.39		
15	16QAM	1	37	16.35	16.49	16.35	17	0
15	16QAM	1	74	16.38	16.44	16.24		
15	16QAM	36	0	16.27	16.23	16.39		
15	16QAM	36	20	16.43	16.31	16.44	17	0
15	16QAM	36	39	16.42	16.51	16.39		
15	16QAM	75	0	16.28	16.22	16.36		
15	64QAM	1	0	16.50	16.43	16.41		
15	64QAM	1	37	16.35	16.46	16.45	17	0
15	64QAM	1	74	16.44	16.47	16.25		
15	64QAM	36	0	16.39	16.39	16.27		
15	64QAM	36	20	16.24	16.21	16.40	17	0
15	64QAM	36	39	16.36	16.49	16.44		
15	64QAM	75	0	16.37	16.46	16.48		
15	256QAM	1	0	16.46	16.48	16.28		
15	256QAM	1	37	16.27	16.33	16.40	17	0
15	256QAM	1	74	16.20	16.24	16.41		
15	256QAM	36	0	16.28	16.45	16.33		
15	256QAM	36	20	16.31	16.35	16.22	17	0
15	256QAM	36	39	16.17	16.21	16.20		
15	256QAM	75	0	16.30	16.36	16.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.51	16.64	16.44		
10	QPSK	1	25	16.24	16.58	16.48	17	0
10	QPSK	1	49	16.25	16.34	16.31		
10	QPSK	25	0	16.51	16.56	16.46		
10	QPSK	25	12	16.31	16.37	16.32	17	0
10	QPSK	25	25	16.37	16.32	16.27		
10	QPSK	50	0	16.40	16.40	16.41		
10	16QAM	1	0	16.45	16.23	16.35		
10	16QAM	1	25	16.44	16.48	16.36	17	0
10	16QAM	1	49	16.26	16.18	16.26		
10	16QAM	25	0	16.23	16.18	16.45		
10	16QAM	25	12	16.42	16.35	16.47	17	0
10	16QAM	25	25	16.42	16.51	16.37		
10	16QAM	50	0	16.31	16.26	16.31		
10	64QAM	1	0	16.58	16.44	16.40		
10	64QAM	1	25	16.34	16.50	16.45	17	0
10	64QAM	1	49	16.47	16.39	16.23		
10	64QAM	25	0	16.36	16.36	16.26		
10	64QAM	25	12	16.31	16.20	16.36	17	0
10	64QAM	25	25	16.36	16.44	16.44		
10	64QAM	50	0	16.39	16.43	16.47		
10	256QAM	1	0	16.41	16.47	16.36		
10	256QAM	1	25	16.20	16.37	16.39	17	0
10	256QAM	1	49	16.27	16.25	16.35		
10	256QAM	25	0	16.23	16.43	16.27		
10	256QAM	25	12	16.26	16.33	16.21	17	0
10	256QAM	25	25	16.19	16.23	16.22		
10	256QAM	50	0	16.33	16.42	16.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.47	16.61	16.49		
5	QPSK	1	12	16.27	16.56	16.47	17	0
5	QPSK	1	24	16.27	16.38	16.32		
5	QPSK	12	0	16.47	16.55	16.48		
5	QPSK	12	7	16.37	16.38	16.33	17	0
5	QPSK	12	13	16.40	16.31	16.26		
5	QPSK	25	0	16.47	16.41	16.39		
5	16QAM	1	0	16.44	16.24	16.38		
5	16QAM	1	12	16.37	16.42	16.37	17	0
5	16QAM	1	24	16.31	16.51	16.28		
5	16QAM	12	0	16.23	16.20	16.41		
5	16QAM	12	7	16.37	16.38	16.42	17	0
5	16QAM	12	13	16.47	16.38	16.31		
5	16QAM	25	0	16.33	16.21	16.35		
5	64QAM	1	0	16.57	16.37	16.42		
5	64QAM	1	12	16.34	16.52	16.43	17	0
5	64QAM	1	24	16.25	16.47	16.29		
5	64QAM	12	0	16.37	16.33	16.27		
5	64QAM	12	7	16.32	16.19	16.34	17	0
5	64QAM	12	13	16.31	16.50	16.40		
5	64QAM	25	0	16.36	16.36	16.45		
5	256QAM	1	0	16.46	16.50	16.32		
5	256QAM	1	12	16.24	16.30	16.42	17	0
5	256QAM	1	24	16.26	16.23	16.34		
5	256QAM	12	0	16.25	16.30	16.35		
5	256QAM	12	7	16.36	16.31	16.26	17	0
5	256QAM	12	13	16.24	16.20	16.17		
5	256QAM	25	0	16.26	16.35	16.56		
Channel				18601	18900	19199	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.54	16.61	16.44		
3	QPSK	1	8	16.26	16.63	16.49	17	0
3	QPSK	1	14	16.27	16.40	16.32		
3	QPSK	8	0	16.46	16.61	16.47		
3	QPSK	8	4	16.27	16.41	16.37	17	0
3	QPSK	8	7	16.37	16.38	16.22		
3	QPSK	15	0	16.43	16.43	16.32		
3	16QAM	1	0	16.41	16.20	16.34		
3	16QAM	1	8	16.42	16.49	16.37	17	0
3	16QAM	1	14	16.30	16.47	16.26		
3	16QAM	8	0	16.23	16.18	16.42		
3	16QAM	8	4	16.39	16.36	16.47	17	0
3	16QAM	8	7	16.44	16.51	16.36		
3	16QAM	15	0	16.33	16.26	16.29		
3	64QAM	1	0	16.50	16.40	16.35		
3	64QAM	1	8	16.39	16.50	16.52	17	0
3	64QAM	1	14	16.44	16.42	16.23		
3	64QAM	8	0	16.32	16.38	16.26		
3	64QAM	8	4	16.24	16.22	16.36	17	0
3	64QAM	8	7	16.37	16.42	16.45		
3	64QAM	15	0	16.37	16.45	16.52		
3	256QAM	1	0	16.48	16.44	16.33		
3	256QAM	1	8	16.20	16.29	16.44	17	0
3	256QAM	1	14	16.29	16.24	16.23		
3	256QAM	8	0	16.26	16.48	16.32		
3	256QAM	8	4	16.37	16.28	16.26	17	0
3	256QAM	8	7	16.26	16.16	16.16		
3	256QAM	15	0	16.29	16.42	16.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.50	16.62	16.52		
1.4	QPSK	1	3	16.28	16.57	16.51	17	0
1.4	QPSK	1	5	16.24	16.40	16.27		
1.4	QPSK	3	0	16.48	16.58	16.47		
1.4	QPSK	3	1	16.33	16.43	16.37		
1.4	QPSK	3	3	16.34	16.35	16.21		
1.4	QPSK	6	0	16.42	16.48	16.35	17	0
1.4	16QAM	1	0	16.45	16.28	16.35		
1.4	16QAM	1	3	16.38	16.48	16.37		
1.4	16QAM	1	5	16.35	16.44	16.26	17	0
1.4	16QAM	3	0	16.22	16.20	16.45		
1.4	16QAM	3	1	16.43	16.38	16.43		
1.4	16QAM	3	3	16.47	16.53	16.37		
1.4	16QAM	6	0	16.25	16.24	16.33	17	0
1.4	64QAM	1	0	16.48	16.41	16.37		
1.4	64QAM	1	3	16.35	16.48	16.50	17	0
1.4	64QAM	1	5	16.41	16.46	16.24		
1.4	64QAM	3	0	16.37	16.33	16.36		
1.4	64QAM	3	1	16.24	16.22	16.33		
1.4	64QAM	3	3	16.39	16.43	16.37		
1.4	64QAM	6	0	16.32	16.44	16.47	17	0
1.4	256QAM	1	0	16.46	16.43	16.36		
1.4	256QAM	1	3	16.29	16.35	16.39	17	0
1.4	256QAM	1	5	16.27	16.19	16.36		
1.4	256QAM	3	0	16.30	16.50	16.24		
1.4	256QAM	3	1	16.35	16.34	16.21		
1.4	256QAM	3	3	16.23	16.26	16.22		
1.4	256QAM	6	0	16.31	16.37	16.47	17	0

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BW [MHz]	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	17.20	17.39	17.27		
20	QPSK	1	49	17.24	17.29	17.25	17	0
20	QPSK	1	99	17.18	17.28	17.12		
20	QPSK	50	0	17.22	17.35	17.31		
20	QPSK	50	24	17.14	17.13	17.00	17	0
20	QPSK	50	50	17.23	17.27	17.16		
20	QPSK	100	0	17.18	17.24	17.16		
20	16QAM	1	0	17.09	17.09	17.13		
20	16QAM	1	49	17.18	17.19	17.10	17	0
20	16QAM	1	99	17.07	17.22	17.23		
20	16QAM	50	0	17.12	17.28	17.04		
20	16QAM	50	24	17.06	17.10	17.17	17	0
20	16QAM	50	50	17.12	17.20	17.02		
20	16QAM	100	0	17.17	17.26	17.28		
20	64QAM	1	0	17.18	17.13	17.16		
20	64QAM	1	49	17.20	17.10	17.12	17	0
20	64QAM	1	99	17.27	17.31	17.30		
20	64QAM	50	0	17.12	17.13	17.11		
20	64QAM	50	24	17.19	17.18	17.32	17	0
20	64QAM	50	50	17.16	17.18	17.20		
20	64QAM	100	0	17.06	17.09	17.19		
20	256QAM	1	0	17.10	17.27	17.06		
20	256QAM	1	49	17.06	17.06	17.15	17	0
20	256QAM	1	99	16.99	17.18	17.03		
20	256QAM	50	0	17.09	17.10	17.11		
20	256QAM	50	24	17.05	17.00	16.95	17	0
20	256QAM	50	50	17.21	17.18	17.10		
20	256QAM	100	0	17.00	17.18	17.06		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	17.09	17.26	17.18		
15	QPSK	1	37	17.12	17.24	17.20	17	0
15	QPSK	1	74	17.10	17.18	17.02		
15	QPSK	36	0	17.17	17.30	17.25		
15	QPSK	36	20	16.99	16.99	16.89	17	0
15	QPSK	36	39	17.17	17.17	17.04		
15	QPSK	75	0	17.11	17.15	17.08		
15	16QAM	1	0	17.07	17.16	17.02		
15	16QAM	1	37	17.06	17.10	17.00	17	0
15	16QAM	1	74	16.99	17.11	17.13		
15	16QAM	36	0	17.03	17.21	16.95		
15	16QAM	36	20	16.93	16.96	17.08	17	0
15	16QAM	36	39	17.05	17.14	16.88		
15	16QAM	75	0	17.04	17.14	17.00		
15	64QAM	1	0	17.11	17.07	17.02		
15	64QAM	1	37	17.10	17.02	17.04	17	0
15	64QAM	1	74	17.15	17.25	17.20		
15	64QAM	36	0	17.00	16.99	17.03		
15	64QAM	36	20	17.11	17.13	17.24	17	0
15	64QAM	36	39	17.05	17.03	17.07		
15	64QAM	75	0	16.95	17.00	17.11		
15	256QAM	1	0	17.02	17.13	16.93		
15	256QAM	1	37	16.95	16.99	17.08	17	0
15	256QAM	1	74	16.88	17.08	16.97		
15	256QAM	36	0	16.99	16.96	16.97		
15	256QAM	36	20	16.96	16.93	16.84	17	0
15	256QAM	36	39	17.07	17.05	16.97		
15	256QAM	75	0	16.91	17.11	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.06	17.32	17.17		
10	QPSK	1	25	17.12	17.15	17.16	17	0
10	QPSK	1	49	17.04	17.18	16.99		
10	QPSK	25	0	17.13	17.24	17.20		
10	QPSK	25	12	17.05	17.00	16.90	17	0
10	QPSK	25	25	17.14	17.21	17.08		
10	QPSK	50	0	17.04	17.17	17.07		
10	16QAM	1	0	17.01	17.03	17.00		
10	16QAM	1	25	17.03	17.09	17.01	17	0
10	16QAM	1	49	16.94	17.11	17.11		
10	16QAM	25	0	17.04	17.22	16.93		
10	16QAM	25	12	16.98	16.96	17.09	17	0
10	16QAM	25	25	17.01	17.11	16.91		
10	16QAM	50	0	17.10	17.14	17.20		
10	64QAM	1	0	17.09	17.07	17.05		
10	64QAM	1	25	17.08	16.98	17.02	17	0
10	64QAM	1	49	17.22	17.23	17.23		
10	64QAM	25	0	17.07	17.01	16.99		
10	64QAM	25	12	17.07	17.06	17.24	17	0
10	64QAM	25	25	17.06	17.09	17.14		
10	64QAM	50	0	16.92	17.00	17.14		
10	256QAM	1	0	17.03	17.21	16.99		
10	256QAM	1	25	16.95	16.98	17.07	17	0
10	256QAM	1	49	16.88	17.05	16.94		
10	256QAM	25	0	16.94	16.98	17.06		
10	256QAM	25	12	16.95	16.88	16.90	17	0
10	256QAM	25	25	17.15	17.11	17.00		
10	256QAM	50	0	16.95	17.05	17.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.09	17.33	17.13		
5	QPSK	1	12	17.12	17.22	17.10	17	0
5	QPSK	1	24	17.04	17.18	16.98		
5	QPSK	12	0	17.13	17.21	17.21		
5	QPSK	12	7	17.00	17.07	16.89	17	0
5	QPSK	12	13	17.09	17.16	17.02		
5	QPSK	25	0	17.10	17.16	17.03		
5	16QAM	1	0	16.98	16.95	17.00		
5	16QAM	1	12	17.05	17.04	17.02	17	0
5	16QAM	1	24	17.01	17.08	17.18		
5	16QAM	12	0	17.02	17.17	16.92		
5	16QAM	12	7	16.93	17.04	17.04	17	0
5	16QAM	12	13	16.99	17.12	16.91		
5	16QAM	25	0	17.05	17.18	17.21		
5	64QAM	1	0	17.05	17.07	17.10		
5	64QAM	1	12	17.09	16.95	17.01	17	0
5	64QAM	1	24	17.18	17.20	17.17		
5	64QAM	12	0	17.00	17.01	16.99		
5	64QAM	12	7	17.11	17.13	17.26	17	0
5	64QAM	12	13	17.10	17.09	17.12		
5	64QAM	25	0	16.96	16.96	17.14		
5	256QAM	1	0	17.01	17.20	16.93		
5	256QAM	1	12	16.98	17.00	17.06	17	0
5	256QAM	1	24	16.93	17.13	16.93		
5	256QAM	12	0	17.03	17.01	17.05		
5	256QAM	12	7	16.95	16.88	16.89	17	0
5	256QAM	12	13	17.11	17.11	17.00		
5	256QAM	25	0	16.91	17.09	16.94		
Channel				18601	18900	19199	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.11	17.25	17.12		
3	QPSK	1	8	17.17	17.18	17.16	17	0
3	QPSK	1	14	17.05	17.18	17.03		
3	QPSK	8	0	17.09	17.24	17.24		
3	QPSK	8	4	17.06	17.03	16.90	17	0
3	QPSK	8	7	17.16	17.18	17.01		
3	QPSK	15	0	17.07	17.15	17.08		
3	16QAM	1	0	16.98	17.00	17.08		
3	16QAM	1	8	17.12	17.09	16.99	17	0
3	16QAM	1	14	16.92	17.11	17.17		
3	16QAM	8	0	16.99	17.14	16.92		
3	16QAM	8	4	16.93	16.99	17.07	17	0
3	16QAM	8	7	17.01	17.13	16.88		
3	16QAM	15	0	17.05	17.13	17.16		
3	64QAM	1	0	17.05	17.08	17.08		
3	64QAM	1	8	17.11	17.05	17.06	17	0
3	64QAM	1	14	17.16	17.21	17.22		
3	64QAM	8	0	17.06	17.07	16.99		
3	64QAM	8	4	17.06	17.06	17.20	17	0
3	64QAM	8	7	17.06	17.10	17.07		
3	64QAM	15	0	17.00	17.01	17.04		
3	256QAM	1	0	16.98	17.19	16.93		
3	256QAM	1	8	16.98	16.95	17.05	17	0
3	256QAM	1	14	16.87	17.05	16.95		
3	256QAM	8	0	16.94	16.99	17.01		
3	256QAM	8	4	16.93	16.89	16.83	17	0
3	256QAM	8	7	17.07	17.09	16.96		
3	256QAM	15	0	16.94	17.11	16.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.14	17.30	17.13		
1.4	QPSK	1	3	17.09	17.24	17.12	17	0
1.4	QPSK	1	5	17.06	17.24	17.05		
1.4	QPSK	3	0	17.13	17.24	17.22		
1.4	QPSK	3	1	17.03	17.07	16.88		
1.4	QPSK	3	3	17.18	17.12	17.03		
1.4	QPSK	6	0	17.06	17.13	17.11	17	0
1.4	16QAM	1	0	16.99	17.02	17.02		
1.4	16QAM	1	3	17.10	17.14	17.01		
1.4	16QAM	1	5	16.94	17.15	17.14	17	0
1.4	16QAM	3	0	16.98	17.22	16.97		
1.4	16QAM	3	1	16.99	17.02	17.08		
1.4	16QAM	3	3	17.01	17.09	16.94		
1.4	16QAM	6	0	17.07	17.16	17.18	17	0
1.4	64QAM	1	0	17.06	17.06	17.02		
1.4	64QAM	1	3	17.14	16.95	17.02		
1.4	64QAM	1	5	17.14	17.24	17.19	17	0
1.4	64QAM	3	0	16.98	17.03	16.98		
1.4	64QAM	3	1	17.07	17.11	17.21		
1.4	64QAM	3	3	17.02	17.06	17.10		
1.4	64QAM	6	0	16.97	16.95	17.11	17	0
1.4	256QAM	1	0	16.96	17.18	16.95		
1.4	256QAM	1	3	16.97	16.96	17.06		
1.4	256QAM	1	5	16.90	17.06	16.94	17	0
1.4	256QAM	3	0	17.02	17.01	16.96		
1.4	256QAM	3	1	16.92	16.94	16.84		
1.4	256QAM	3	3	17.06	17.07	16.98		
1.4	256QAM	6	0	16.93	17.09	16.98	17	0

Band 4 Ant 4 DSI3

BW [MHz]	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	15.44	15.69	15.57		
20	QPSK	1	49	15.59	15.49	15.68	16.5	0
20	QPSK	1	99	15.53	15.54	15.45		
20	QPSK	50	0	15.61	15.63	15.57		
20	QPSK	50	24	15.58	15.56	15.40	16.5	0
20	QPSK	50	50	15.54	15.60	15.57		
20	QPSK	100	0	15.51	15.57	15.51		
20	16QAM	1	0	15.49	15.49	15.49		
20	16QAM	1	49	15.61	15.51	15.52	16.5	0
20	16QAM	1	99	15.37	15.46	15.57		
20	16QAM	50	0	15.56	15.43	15.42		
20	16QAM	50	24	15.58	15.51	15.61	16.5	0
20	16QAM	50	50	15.59	15.54	15.55		
20	16QAM	100	0	15.52	15.57	15.52

Band 12 Ant 4 DSI3

BW [MHz]	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	22.63	22.69	22.60		
10	QPSK	1	25	22.55	22.57	22.59	23.5	0
10	QPSK	1	49	22.54	22.61	22.62		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	0.5
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	21.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	0.5
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	1.5
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	1.5
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	2.5
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	4.5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	4.5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.50	22.59	22.53		
5	QPSK	1	12	22.41	22.51	22.52	23.5	0
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	0.5
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	0.5
5	16QAM	1	24	21.66	21.63	21.56		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	1.5
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	1.5
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	2.5
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.46	17.52	19	4.5
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	4.5
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.51	22.63	22.54		
3	QPSK	1	8	22.46	22.52	22.41	23.5	0
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	0.5
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	0.5
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	1.5
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	1.5
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	2.5
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	4.5
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	4.5
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.53	22.53		
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46	23.5	0
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	0.5
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	0.5
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	1.5
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	1.5
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	2.5
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	4.5
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	4.5

Band 12 Ant 4 DSI3 sig path:300

BW [MHz]	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	22.88	22.92	22.85		
10	QPSK	1	25	22.83	22.78	22.90	23.5	0
10	QPSK	1	49	22.76	22.84	22.91		
10	QPSK	25	0	21.85	21.89	21.88		
10	QPSK	25	12	21.83	21.80	21.76	23	0.5
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.87	21.83		
10	16QAM	1	0	21.99	22.03	21.83		
10	16QAM	1	25	22.02	21.92	21.89	23	0.5
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	1.5
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.84	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	1.5
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	2.5
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	4.5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	4.5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.82	22.80	22.76		
5	QPSK	1	12	22.75	22.76	22.87	23.5	0
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	21.79	21.85	21.77		
5	QPSK	12	7	21.78	21.76	21.67	23	0.5
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.96	21.75		
5	16QAM	1	12	21.99	21.87	21.77	23	0.5
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	1.5
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	1.5
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	2.5
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	4.5
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	4.5
5	256QAM	12	13	17.57	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.80	22.76	22.78		
3	QPSK	1	8	22.70	22.76	22.76	23.5	0
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	21.78	21.85	21.85		
3	QPSK	8	4	21.70	21.64	21.63	23	0.5
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	0.5
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	1.5
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	1.5
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	2.5
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	4.5
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	4.5
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.87	22.78	22.82		
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76	23.5	0
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	0.5
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	0.5
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	1.5
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	1.5
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	2.5
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	4.5
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	4.5

Band 13 Ant 4 DSI3

BW [MHz]	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		22.33			
10	QPSK	1	25		22.26		23	0
10	QPSK	1	49		22.29			
10	QPSK	25	0		21.72			
10	QPSK	25	12		21.68		23	0
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85			
10	16QAM	1	25		21.77		23	0
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	1
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	1
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	2
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	4
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	4
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.14	22.25	22.16		
5	QPSK	1	12	21.99	22.16	22.00	23	0
5	QPSK	1	24	22.06	22.14	22.09		
5	QPSK	12	0	21.63	21.60	21.62		
5	QPSK	12	7	21.61	21.54	21.58	23	0
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76		
5	16QAM	1	12	21.63	21.64	21.73	23	0
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	1
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	1
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	2
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	4
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	4
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI3 sig path:378

BW [MHz]	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		22.11			
10	QPSK	1	25		22.06		23	0
10	QPSK	1	49		22.09			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.45		23	0
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69			
10	16QAM	1	25		21.52		23	0
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	1
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	1
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	2
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	4
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	4
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.91	22.04	21.87		
5	QPSK	1	12	21.86	21.92	21.87	23	0
5	QPSK	1	24	21.85	21.89	21.77		
5	QPSK	12	0	21.40	21.39	21.37		
5	QPSK	12	7	21.40	21.39	21.36	23	0
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62		
5	16QAM	1	12	21.47	21.42	21.43	23	0
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	1
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	1
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	2
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	4
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	4
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.78			
10	QPSK	1	25		21.67		22.5	0
10	QPSK	1	49		21.53			
10	QPSK	25	0		21.57			
10	QPSK	25	12		21.21		22.5	0
10	QPSK	25	25		21.24			
10	QPSK	50	0		21.15			
10	16QAM	1	0		21.51			
10	16QAM	1	25		21.52		22.5	0
10	16QAM	1	49		21.48			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.62		22	0.5
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86			
10	64QAM	1	25		20.76		22	0.5
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.68		21	1.5
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64			
10	256QAM	1	25		17.60		19	3.5
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70			
10	256QAM	25	12		17.66		19	3.5
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.24	21.19	21.17		
5	QPSK	1	12	21.24	21.20	21.25	22.5	0
5	QPSK	1	24	21.16	21.16	21.13		
5	QPSK	12	0	21.20	21.23	21.16		
5	QPSK	12	7	21.06	21.15	21.06	22.5	0
5	QPSK	12	13	21.11	21.10	21.18		
5	QPSK	25	0	21.06	21.07	21.04		
5	16QAM	1	0	21.47	21.46	21.41		
5	16QAM	1	12	21.48	21.43	21.41	22.5	0
5	16QAM	1	24	21.38	21.41	21.33		
5	16QAM	12	0	20.46	20.48	20.43		
5	16QAM	12	7	20.51	20.57	20.50	22	0.5
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81		
5	64QAM	1	12	20.61	20.70	20.66	22	0.5
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55		
5	64QAM	12	7	19.54	19.54	19.60	21	1.5
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58		
5	256QAM	1	12	17.52	17.48	17.51	19	3.5
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65		
5	256QAM	12	7	17.54	17.55	17.59	19	3.5
5	256QAM	12	13	17.58	17.86	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI3 sig path:381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.38			
10	QPSK	1	25		21.21		22.5	0
10	QPSK	1	49		21.12			
10	QPSK	25	0		21.21			
10	QPSK	25	12		21.08		22.5	0
10	QPSK	25	25		21.00			
10	QPSK	50	0		21.18			
10	16QAM	1	0		21.28			
10	16QAM	1	25		21.25		22.5	0
10	16QAM	1	49		21.26			
10	16QAM	25	0		20.65			
10	16QAM	25	12		20.59		22	0.5
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50			
10	64QAM	1	25		20.34		22	0.5
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60			
10	64QAM	25	12		19.48		21	1.5
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57			
10	256QAM	1	25		17.53		19	3.5
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47			
10	256QAM	25	12		17.48		19	3.5
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.11	21.17	21.17		
5	QPSK	1	12	21.16	21.07	21.14	22.5	0
5	QPSK	1	24	20.98	21.04	20.99		
5	QPSK	12	0	21.13	21.13	21.07		
5	QPSK	12	7	21.00	20.94	20.99	22.5	0
5	QPSK	12	13	20.87	20.94	20.86		
5	QPSK	25	0	21.12	21.10	21.09		
5	16QAM	1	0	21.28	21.30	21.28		
5	16QAM	1	12	21.12	21.14	21.13	22.5	0
5	16QAM	1	24	21.13	21.16	21.12		
5	16QAM	12	0	20.57	20.49	20.53		
5	16QAM	12	7	20.47	20.44	20.53	22	0.5
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41		
5	64QAM	1	12	20.26	20.19	20.25	22	0.5
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47		
5	64QAM	12	7	19.39	19.36	19.37	21	1.5
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48		
5	256QAM	1	12	17.38	17.48	17.38	19	3.5
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39		
5	256QAM	12	7	17.42	17.43	17.35	19	3.5
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 66 Ant 4 DSI3

BW [MHz]	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	17.76	17.89	17.83		
20	QPSK	1	49	17.55	17.55	17.59	18.5	0
20	QPSK	1	99	17.42	17.45	17.49		
20	QPSK	50	0	17.73	17.78	17.85		
20	QPSK	50	24	17.68	17.59	17.59	18.5	0
20	QPSK	50	50	17.68	17.65	17.59		
20	QPSK	100	0	17.64	17.70	17.47		
20	16QAM	1	0	17.76	17.50	17.53		
20	16QAM	1	49	17.63	17.55	17.56	18.5	0
20	16QAM	1	99	17.70	17.71	17.57		
20	16QAM	50	0	17.60	17.45	17.59		
20	16QAM	50	24	17.60	17.66	17.55	18.5	0
20	16QAM	50	50	17.58	17.58	17.51		
20	16QAM	100	0	17.70	17.57	17.60		
20	64QAM	1	0	17.60	17.63	17.61		
20	64QAM	1	49	17.52	17.77	17.48	18.5	0
20	64QAM	1	99	17.67	17.63	17.62		
20	64QAM	50	0	17.66	17.50	17.56		
20	64QAM	50	24	17.43	17.63	17.74	18.5	0
20	64QAM	50	50	17.60	17.56	17.72		
20	64QAM	100	0	17.61	17.50	17.57		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	0.5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53		
20	256QAM	50	24	16.56	16.72	16.64	18	0.5
20	256QAM	50	50	16.59	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.65	17.80	17.69		
15	QPSK	1	37	17.45	17.48	17.51	18.5	0
15	QPSK	1	74	17.28	17.56	17.35		
15	QPSK	36	0	17.59	17.72	17.52		
15	QPSK	36	20	17.58	17.48	17.51	18.5	0
15	QPSK	36	39	17.57	17.51	17.44		
15	QPSK	75	0	17.58	17.61	17.38		
15	16QAM	1	0	17.66	17.44	17.45		
15	16QAM	1	37	17.58	17.42	17.43	18.5	0
15	16QAM	1	74	17.62	17.57	17.45		
15	16QAM	36	0	17.54	17.30	17.52		
15	16QAM	36	20	17.48	17.60	17.46	18.5	0
15	16QAM	36	39	17.52	17.50	17.42		
15	16QAM	75	0	17.47	17.47	17.48		
15	64QAM	1	0	17.55	17.53	17.47		
15	64QAM	1	37	17.38	17.69	17.33	18.5	0
15	64QAM	1	74	17.56	17.55	17.51		
15	64QAM	36	0	17.37	17.44	17.50		
15	64QAM	36	20	17.37	17.37	17.52	18.5	0
15	64QAM	36	39	17.54	17.51	17.59		
15	64QAM	75	0	17.51	17.43	17.50		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.62	16.66	18	0.5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	0.5
15	256QAM	36	39	16.36	16.44	16.42		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.68	17.83	17.70		
10	QPSK	1	25	17.40	17.43	17.47	18.5	0
10	QPSK	1	49	17.30	17.58	17.28		
10	QPSK	25	0	17.59	17.72	17.51		
10	QPSK	25	12	17.55	17.46	17.45	18.5	0
10	QPSK	25	25	17.57	17.55	17.52		
10	QPSK	50	0	17.56	17.59	17.41		
10	16QAM	1	0	17.61	17.44	17.39		
10	16QAM	1	25	17.50	17.45	17.49	18.5	0
10	16QAM	1	49	17.57	17.64	17.42		
10	16QAM	25	0	17.51	17.32	17.47		
10	16QAM	25	12	17.53	17.53	17.46	18.5	0
10	16QAM	25	25	17.52	17.50	17.39		
10	16QAM	50	0	17.58	17.44	17.46		
10	64QAM	1	0	17.51	17.49	17.55		
10	64QAM	1	25	17.42	17.64	17.35	18.5	0
10	64QAM	1	49	17.54	17.48	17.48		
10	64QAM	25	0	17.51	17.40	17.44		
10	64QAM	25	12	17.32	17.56	17.67	18.5	0
10	64QAM	25	25	17.53	17.46	17.64		
10	64QAM	50	0	17.46	17.43	17.47		
10	256QAM	1	0	16.52	16.79	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	0.5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	0.5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.64	17.79	17.76		
5	QPSK	1	12	17.46	17.49	17.47	18.5	0
5	QPSK	1	24	17.29	17.55	17.36		
5	QPSK	12	0	17.68	17.64	17.58		
5	QPSK	12	7	17.62	17.46	17.53	18.5	0
5	QPSK	12	13	17.61	17.52	17.47		
5	QPSK	25	0	17.58	17.64	17.40		
5	16QAM	1	0	17.67	17.44	17.43		
5	16QAM	1	12	17.57	17.48	17.41	18.5	0
5	16QAM	1	24	17.57	17.57	17.42		
5	16QAM	12	0	17.50	17.40	17.49		
5	16QAM	12	7	17.50	17.58	17.45	18.5	0
5	16QAM	12	13	17.48	17.46	17.45		
5	16QAM	25	0	17.57	17.51	17.49		
5	64QAM	1	0	17.50	17.51	17.49		
5	64QAM	1	12	17.39	17.71	17.37	18.5	0
5	64QAM	1	24	17.57	17.49	17.55		
5	64QAM	12	0	17.51	17.43	17.45		
5	64QAM	12	7	17.37	17.48	17.68	18.5	0
5	64QAM	12	13	17.48	17.41	17.60		
5	64QAM	25	0	17.50	17.35	17.51		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	0.5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	0.5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.64	17.77	17.71		
3	QPSK	1	8	17.40	17.43	17.50	18.5	0
3	QPSK	1	14	17.33	17.57	17.32		
3	QPSK	8	0	17.58	17.66	17.60		
3	QPSK	8	4	17.59	17.49	17.45	18.5	0
3	QPSK	8	7	17.56	17.58	17.49		
3	QPSK	15	0	17.50	17.60	17.36		
3	16QAM	1	0	17.62	17.39	17.41		
3	16QAM	1	8	17.55	17.47	17.42	18.5	0
3	16QAM	1	14	17.61	17.64	17.46		
3	16QAM	8	0	17.49	17.39	17.53		
3	16QAM	8	4	17.53	17.58	17.45	18.5	0
3	16QAM	8	7	17.47	17.47	17.41		
3	16QAM	15	0	17.56	17.49	17.46		
3	64QAM	1	0	17.48	17.58	17.47		
3	64QAM	1	8	17.38	17.71	17.37	18.5	0
3	64QAM	1	14	17.54	17.53	17.52		
3	64QAM	8	0	17.52	17.39	17.42		
3	64QAM	8	4	17.29	17.48	17.67	18.5	0
3	64QAM	8	7	17.53	17.46	17.63		
3	64QAM	15	0	17.49	17.44	17.46		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	0.5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	0.5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.68	17.74	17.69		
1.4	QPSK	1	3	17.48	17.45	17.45		
1.4	QPSK	1	5	17.30	17.53	17.32	18.5	0
1.4	QPSK	3	0	17.64	17.68	17.52		
1.4	QPSK	3	1	17.56	17.54	17.53		
1.4	QPSK	3	3	17.57	17.56	17.45		
1.4	QPSK	6	0	17.49	17.62	17.36	18.5	0
1.4	16QAM	1	0	17.67	17.37	17.47		
1.4	16QAM	1	3	17.51	17.41	17.48		
1.4	16QAM	1	5	17.63	17.59	17.43	18.5	0
1.4	16QAM	3	0	17.47	17.35	17.50		
1.4	16QAM	3	1	17.53	17.54	17.44		
1.4	16QAM	3	3	17.44	17.51	17.39		
1.4	16QAM	6	0	17.57	17.51	17.49	18.5	0
1.4	64QAM	1	0	17.45	17.53	17.53		
1.4	64QAM	1	3	17.44	17.70	17.40		
1.4	64QAM	1	5	17.61	17.51	17.54	18.5	0
1.4	64QAM	3	0	17.55	17.37	17.45		
1.4	64QAM	3	1	17.32	17.52	17.60		
1.4	64QAM	3	3	17.46	17.42	17.61		
1.4	64QAM	6	0	17.54	17.40	17.47	18.5	0
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	0.5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	0.5

Band 66 Ant 4 DSI3 sig path:354

BW [MHz]	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	17.47	17.59	17.45		
20	QPSK	1	49	17.52	17.47	17.54	18.5	0
20	QPSK	1	99	17.44	17.47	17.53		
20	QPSK	50	0	17.46	17.53	17.45		
20	QPSK	50	24	17.37	17.46	17.40	18.5	0
20	QPSK	50	50	17.42	17.46	17.49		
20	QPSK	100	0	17.32	17.40	17.41		
20	16QAM	1	0	17.42	17.53	17.47		
20	16QAM	1	49	17.43	17.46	17.40	18.5	0
20	16QAM	1	99	17.50	17.54	17.48		
20	16QAM	50	0	17.58	17.45	17.49		
20	16QAM	50	24	17.46	17.51	17.42	18.5	0
20	16QAM	50	50	17.47	17.47	17.46		
20	16QAM	100	0	17.33	17.44	17.33		
20	64QAM	1	0	17.42	17.38	17.48		
20	64QAM	1	49	17.47	17.45	17.47	18.5	0
20	64QAM	1	99	17.38	17.56	17.42		
20	64QAM	50	0	17.40	17.51	17.47		
20	64QAM	50	24	17.54	17.37	17.47	18.5	0
20	64QAM	50	50	17.44	17.41	17.37		
20	64QAM	100	0	17.43	17.49	17.35		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	0.5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	0.5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.38	17.47	17.31		
15	QPSK	1	37	17.46	17.42	17.39	18.5	0
15	QPSK	1	74	17.31	17.41	17.42		
15	QPSK	36	0	17.38	17.40	17.33		
15	QPSK	36	20	17.28	17.38	17.31	18.5	0
15	QPSK	36	39	17.33	17.41	17.41		
15	QPSK	75	0	17.27	17.35	17.32		
15	16QAM	1	0	17.28	17.39	17.40		
15	16QAM	1	37	17.32	17.34	17.32	18.5	0
15	16QAM	1	74	17.39	17.46	17.40		
15	16QAM	36	0	17.52	17.36	17.38		
15	16QAM	36	20	17.37	17.43	17.31	18.5	0
15	16QAM	36	39	17.36	17.41	17.35		
15	16QAM	75	0	17.23	17.33	17.22		
15	64QAM	1	0	17.36	17.28	17.40		
15	64QAM	1	37	17.38	17.36	17.35	18.5	0
15	64QAM	1	74	17.32	17.48	17.29		
15	64QAM	36	0	17.35	17.39	17.36		
15	64QAM	36	20	17.43	17.24	17.31	18.5	0
15	64QAM	36	39	17.36	17.27	17.25		
15	64QAM	75	0	17.28	17.38	17.27		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	0.5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	0.5
15	256QAM	36	39	16.16	16.16	16.09		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.42	17.52	17.34		
10	QPSK	1	25	17.37	17.34	17.49	18.5	0
10	QPSK	1	49	17.29	17.34	17.41		
10	QPSK	25	0	17.38	17.47	17.31		
10	QPSK	25	12	17.22	17.32	17.28	18.5	0
10	QPSK	25	25	17.30	17.37	17.41		
10	QPSK	50	0	17.18	17.34	17.27		
10	16QAM	1	0	17.28	17.38	17.40		
10	16QAM	1	25	17.37	17.38	17.35	18.5	0
10	16QAM	1	49	17.40	17.41	17.34		
10	16QAM	25	0	17.52	17.39	17.39		
10	16QAM	25	12	17.35	17.41	17.35	18.5	0
10	16QAM	25	25	17.41	17.38	17.38		
10	16QAM	50	0	17.18	17.35	17.26		
10	64QAM	1	0	17.28	17.24	17.41		
10	64QAM	1	25	17.41	17.36	17.36	18.5	0
10	64QAM	1	49	17.25	17.42	17.33		
10	64QAM	25	0	17.31	17.42	17.34		
10	64QAM	25	12	17.40	17.29	17.34	18.5	0
10	64QAM	25	25	17.37	17.27	17.30		
10	64QAM	50	0	17.30	17.37	17.22		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25

Reduced Power Mode for Main PA DSI4

GSM850 Ant 0 DSI4

GSM850 Ant 0	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	32.60	32.66	32.48	33.50	23.60	23.66	23.48	24.50
GPRS 1 Tx slot	32.69	32.71	32.55	33.50	23.69	23.71	23.55	24.50
GPRS 2 Tx slots	31.07	31.10	30.95	32.00	25.07	25.10	24.95	26.00
GPRS 3 Tx slots	28.87	28.92	28.81	30.00	24.61	24.66	24.55	25.74
GPRS 4 Tx slots	26.91	26.96	26.73	28.00	23.91	23.96	23.73	25.00
EDGE 1 Tx slot	26.62	26.45	26.66	28.00	17.62	17.45	17.66	19.00
EDGE 2 Tx slots	24.65	24.65	24.55	26.00	18.65	18.65	18.55	20.00
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74
EDGE 4 Tx slots	20.55	20.67	20.56	22.00	17.55	17.67	17.56	19.00

GSM1900 Ant 0 DSI4

GSM1900 Ant 0	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	29.71	29.76	29.82	31.00	20.71	20.76	20.82	22.00
GPRS 1 Tx slot	29.48	29.88	29.90	31.00	20.48	20.88	20.90	22.00
GPRS 2 Tx slots	28.22	28.42	28.11	29.00	22.22	22.42	22.11	23.00
GPRS 3 Tx slots	25.82	25.88	25.71	27.00	21.56	21.62	21.45	22.74
GPRS 4 Tx slots	23.74	23.95	23.93	25.00	20.74	20.95	20.93	22.00
EDGE 1 Tx slot	25.88	26.01	25.97	27.00	16.88	17.01	16.97	18.00
EDGE 2 Tx slots	23.77	24.11	24.02	25.00	17.77	18.11	18.02	19.00
EDGE 3 Tx slots	21.75	22.03	22.09	23.00	17.49	17.77	17.83	18.74
EDGE 4 Tx slots	19.88	19.95	19.62	21.00	16.88	16.95	16.62	18.00

		WCDMA II Ant 0 DSI4				WCDMA IV Ant 0 DSI4				WCDMA V Ant 0 DSI4			
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9062	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.94	22.97	22.92	24.00	22.75	22.81	22.66	24.00	22.91	22.95	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	22.99	23.01	22.96	24.00	22.77	22.85	22.70	24.00	22.96	23.00	22.98	24.00
3GPP Rel 6	HSDPA Subtest-1	21.96	22.05	21.98	23.00	21.77	21.81	21.84	23.00	21.83	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-2	21.92	22.02	21.94	23.00	21.76	21.83	21.78	23.00	21.81	21.96	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	21.49	21.56	21.43	22.50	21.25	21.32	21.17	22.50	21.35	21.38	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	21.43	21.51	21.40	22.50	21.29	21.30	21.23	22.50	21.38	21.38	21.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	21.99	21.91	23.00	21.65	21.81	21.70	23.00	21.78	21.97	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.81	21.94	21.85	23.00	21.55	21.78	21.61	23.00	21.69	21.85	21.71	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.52	21.45	22.50	21.19	21.37	21.24	22.50	21.29	21.47	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.47	21.42	22.50	21.23	21.22	21.20	22.50	21.28	21.29	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.92	21.98	21.83	23.00	21.69	21.80	21.66	23.00	21.77	21.92	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.92	19.83	21.00	19.61	19.76	19.57	21.00	19.69	19.82	19.61	21.00
3GPP Rel 6	HSUPA Subtest-3	20.96	21.06	20.97	22.00	20.81	20.89	20.77	22.00	20.96	20.98	20.85	22.00
3GPP Rel 6	HSUPA Subtest-4	19.93	20.03	19.95	21.00	19.75	19.88	19.78	21.00	19.85	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-5	21.81	21.91	21.85	23.00	21.66	21.75	21.66	23.00	21.78	21.88	21.80	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.35	19.44	19.29	20.50	19.19	19.29	19.10	20.50	19.33	19.39	19.14	20.50

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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				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	22.74	22.80	22.73		
20	QPSK	1	49	22.56	22.53	22.59	24	0
20	QPSK	1	99	22.56	22.61	22.51		
20	QPSK	50	0	21.53	21.60	21.59		
20	QPSK	50	24	21.38	21.40	21.44	23	1
20	QPSK	50	50	21.50	21.51	21.53		
20	QPSK	100	0	21.48	21.49	21.44		
20	16QAM	1	0	21.70	21.63	21.71		
20	16QAM	1	49	21.67	21.60	21.55	23	1
20	16QAM	1	99	21.43	21.51	21.49		
20	16QAM	50	0	20.27	20.35	20.37		
20	16QAM	50	24	20.31	20.35	20.42	22	2
20	16QAM	50	50	20.36	20.33	20.34		
20	16QAM	100	0	20.34	20.43	20.35		
20	64QAM	1	0	20.69	20.62	20.61		
20	64QAM	1	49	20.52	20.56	20.50	22	2
20	64QAM	1	99	20.43	20.53	20.53		
20	64QAM	50	0	19.44	19.50	19.50		
20	64QAM	50	24	19.59	19.57	19.59	21	3
20	64QAM	50	50	19.43	19.39	19.30		
20	64QAM	100	0	19.51	19.55	19.48		
20	256QAM	1	0	17.56	17.55	17.61		
20	256QAM	1	49	17.53	17.46	17.39	19	5
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51		
20	256QAM	50	24	17.46	17.52	17.49	19	5
20	256QAM	50	50	17.40	17.47	17.55		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.61	22.61		
15	QPSK	1	37	22.49	22.45	22.59	24	0
15	QPSK	1	74	22.56	22.54	22.41		
15	QPSK	36	0	21.39	21.60	21.42		
15	QPSK	36	20	21.36	21.21	21.40	23	1
15	QPSK	36	39	21.49	21.32	21.37		
15	QPSK	75	0	21.43	21.41	21.36		
15	16QAM	1	0	21.70	21.60	21.62		
15	16QAM	1	37	21.54	21.55	21.51	23	1
15	16QAM	1	74	21.25	21.48	21.36		
15	16QAM	36	0	20.17	20.33	20.20		
15	16QAM	36	20	20.21	20.26	20.25	22	2
15	16QAM	36	39	20.34	20.22	20.19		
15	16QAM	75	0	20.14	20.26	20.32		
15	64QAM	1	0	20.59	20.53	20.59		
15	64QAM	1	37	20.40	20.54	20.39	22	2
15	64QAM	1	74	20.36	20.34	20.47		
15	64QAM	36	0	19.29	19.44	19.37		
15	64QAM	36	20	19.56	19.37	19.51	21	3
15	64QAM	36	39	19.37	19.35	19.14		
15	64QAM	75	0	19.40	19.41	19.33		
15	256QAM	1	0	17.49	17.41	17.46		
15	256QAM	1	37	17.43	17.39	17.31	19	5
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48		
15	256QAM	36	20	17.44	17.46	17.48	19	5
15	256QAM	36	39	17.36	17.36	17.48		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.55	22.73	22.54		
10	QPSK	1	25	22.55	22.38	22.57	24	0
10	QPSK	1	49	22.54	22.41	22.42		
10	QPSK	25	0	21.36	21.51	21.40		
10	QPSK	25	12	21.26	21.34	21.32	23	1
10	QPSK	25	25	21.37	21.45	21.34		
10	QPSK	50	0	21.45	21.32	21.27		
10	16QAM	1	0	21.58	21.62	21.67		
10	16QAM	1	25	21.65	21.52	21.47	23	1
10	16QAM	1	49	21.38	21.50	21.35		
10	16QAM	25	0	20.21	20.31	20.27		
10	16QAM	25	12	20.25	20.23	20.24	22	2
10	16QAM	25	25	20.33	20.30	20.33		
10	16QAM	50	0	20.25	20.27	20.26		
10	64QAM	1	0	20.53	20.49	20.54		
10	64QAM	1	25	20.41	20.50	20.33	22	2
10	64QAM	1	49	20.30	20.42	20.45		
10	64QAM	25	0	19.31	19.48	19.35		
10	64QAM	25	12	19.43	19.53	19.45	21	3
10	64QAM	25	25	19.23	19.20	19.14		
10	64QAM	50	0	19.34	19.37	19.37		
10	256QAM	1	0	17.37	17.55	17.57		
10	256QAM	1	25	17.51	17.40	17.23	19	5
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42		
10	256QAM	25	12	17.38	17.38	17.31	19	5
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.74	22.68		
5	QPSK	1	12	22.56	22.36	22.44	24	0
5	QPSK	1	24	22.54	22.49	22.46		
5	QPSK	12	0	21.43	21.49	21.42		
5	QPSK	12	7	21.28	21.25	21.29	23	1
5	QPSK	12	13	21.45	21.50	21.51		
5	QPSK	25	0	21.35	21.33	21.33		
5	16QAM	1	0	21.50	21.49	21.53		
5	16QAM	1	12	21.58	21.51	21.41	23	1
5	16QAM	1	24	21.32	21.46	21.30		
5	16QAM	12	0	20.20	20.18	20.36		
5	16QAM	12	7	20.18	20.18	20.25	22	2
5	16QAM	12	13	20.22	20.23	20.31		
5	16QAM	25	0	20.24	20.24	20.26		
5	64QAM	1	0	20.62	20.48	20.58		
5	64QAM	1	12	20.50	20.46	20.33	22	2
5	64QAM	1	24	20.37	20.42	20.46		
5	64QAM	12	0	19.31	19.48	19.45		
5	64QAM	12	7	19.48	19.48	19.48	21	3
5	64QAM	12	13	19.37	19.32	19.22		
5	64QAM	25	0	19.50	19.40	19.38		
5	256QAM	1	0	17.43	17.55	17.43		
5	256QAM	1	12	17.41	17.43	17.28	19	5
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.50	17.42		
5	256QAM	12	7	17.40	17.45	17.49	19	5
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.66	22.75	22.55		
3	QPSK	1	8	22.47	22.44	22.57	24	0
3	QPSK	1	14	22.49	22.59	22.32		
3	QPSK	8	0	21.50	21.42	21.40		
3	QPSK	8	4	21.20	21.21	21.38	23	1
3	QPSK	8	7	21.30	21.47	21.45		
3	QPSK	15	0	21.44	21.48	21.42		
3	16QAM	1	0	21.56	21.46	21.65		
3	16QAM	1	8	21.62	21.59	21.43	23	1
3	16QAM	1	14	21.38	21.44	21.29		
3	16QAM	8	0	20.17	20.25	20.33		
3	16QAM	8	4	20.21	20.18	20.39	22	2
3	16QAM	8	7	20.17	20.21	20.29		
3	16QAM	15	0	20.21	20.29	20.30		
3	64QAM	1	0	20.57	20.44	20.46		
3	64QAM	1	8	20.34	20.44	20.43	22	2
3	64QAM	1	14	20.30	20.40	20.45		
3	64QAM	8	0	19.26	19.38	19.34		
3	64QAM	8	4	19.45	19.45	19.44	21	3
3	64QAM	8	7	19.39	19.37	19.25		
3	64QAM	15	0	19.47	19.55	19.41		
3	256QAM	1	0	17.50	17.50	17.43		
3	256QAM	1	8	17.42	17.39	17.19	19	5
3	256QAM	1	14	17.21	17.27	17.25		
3	256QAM	8	0	17.38	17.42	17.40		
3	256QAM	8	4	17.37	17.47	17.46	19	5
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.31	17.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.67	22.71	22.67		
1.4	QPSK	1	3	22.44	22.46	22.42		
1.4	QPSK	1	5	22.46	22.49	22.37	24	0
1.4	QPSK	3	0	22.61	22.64	22.65		
1.4	QPSK	3	1	22.55	22.47	22.59		
1.4	QPSK	3	3	22.51	22.53	22.34		
1.4	QPSK	6	0	21.34	21.42	21.50	23	1
1.4	16QAM	1	0	21.18	21.29	21.28		
1.4	16QAM	1	3	21.31	21.42	21.51		
1.4	16QAM	1	5	21.31	21.43	21.35	23	1
1.4	16QAM	3	0	21.67	21.49	21.54		
1.4	16QAM	3	1	21.61	21.43	21.39		
1.4	16QAM	3	3	21.30	21.36	21.32		
1.4	16QAM	6	0	20.12	20.26	20.18	22	2
1.4	64QAM	1	0	20.17	20.19	20.35		
1.4	64QAM	1	3	20.36	20.28	20.33		
1.4	64QAM	1	5	20.24	20.42	20.19	22	2
1.4	64QAM	3	0	20.62	20.53	20.47		
1.4	64QAM	3	1	20.37	20.49	20.49		
1.4	64QAM	3	3	20.38	20.38	20.33		
1.4	64QAM	6	0	19.48	19.49	19.55	21	3
1.4	256QAM	1	0	17.52	17.41	17.60		
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15	19	5
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.31	23.35	23.25		
20	QPSK	1	49	23.04	23.05	23.01	24	0
20	QPSK	1	99	23.13	23.10	23.02		
20	QPSK	50	0	22.00	22.33	22.02		
20	QPSK	50	24	22.24	22.14	22.05	23	1
20	QPSK	50	50	22.19	22.12	22.23		
20	QPSK	100	0	22.21	22.27	22.08		
20	16QAM	1	0	22.23	22.12	22.18		
20	16QAM	1	49	22.23	22.10	22.02	23	1
20	16QAM	1	99	22.02	21.99	22.00		
20	16QAM	50	0	20.79	20.74	20.93		
20	16QAM	50	24	20.81	20.83	20.93	22	2
20	16QAM	50	50	20.88	20.87	20.87		
20	16QAM	100	0	20.82	20.94	20.86		
20	64QAM	1	0	21.30	21.06	21.14		
20	64QAM	1	49	20.97	21.02	21.00	22	2
20	64QAM	1	99	20.96	21.01	20.98		
20	64QAM	50	0	19.95	19.89	19.96		
20	64QAM	50	24	20.16	20.04	20.02	21	3
20	64QAM	50	50	19.95	19.88	19.77		
20	64QAM	100	0	20.00	20.00	20.05		
20	256QAM	1	0	18.10	18.14	18.14		
20	256QAM	1	49	18.01	17.96	17.79	19	5
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02		
20	256QAM	50	24	17.90	17.95	17.95	19	5
20	256QAM	50	50	17.85	18.03	18.06		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.27	23.23	23.19		
15	QPSK	1	37	22.99	22.99	22.89	24	0
15	QPSK	1	74	23.04	23.04	22.88		
15	QPSK	36	0	21.93	22.19	21.96		
15	QPSK	36	20	22.15	22.02	21.98	23	1
15	QPSK	36	39	22.11	22.04	22.13		
15	QPSK	75	0	22.06	22.14	21.92		
15	16QAM	1	0	22.12	22.05	22.04		
15	16QAM	1	37	22.10	21.96	21.89	23	1
15	16QAM	1	74	21.98	21.93	21.94		
15	16QAM	36	0	20.64	20.59	20.84		
15	16QAM	36	20	20.65	20.69	20.81	22	2
15	16QAM	36	39	20.81	20.77	20.74		
15	16QAM	75	0	20.74	20.82	20.82		
15	64QAM	1	0	21.21	20.97	21.07		
15	64QAM	1	37	20.89	20.98	20.93	22	2
15	64QAM	1	74	20.83	20.86	20.86		
15	64QAM	36	0	19.86	19.80	19.89		
15	64QAM	36	20	20.08	19.99	19.92	21	3
15	64QAM	36	39	19.79	19.79	19.64		
15	64QAM	75	0	19.88	19.95	19.94		
15	256QAM	1	0	18.03	18.02	18.09		
15	256QAM	1	37	17.85	17.89	17.72	19	5
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94		
15	256QAM	36	20	17.94	17.88	17.90	19	5
15	256QAM	36	39	17.74	17.96	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.25	23.20	23.12		
10	QPSK	1	25	22.96	22.97	22.92	24	0
10	QPSK	1	49	22.98	23.03	22.87		
10	QPSK	25	0	21.89	22.24	21.90		
10	QPSK	25	12	22.17	22.07	22.00	23	1
10	QPSK	25	25	22.08	22.05	22.10		
10	QPSK	50	0	22.10	22.20	22.03		
10	16QAM	1	0	22.07	22.00	22.04		
10	16QAM	1	25	22.18	21.97	21.93	23	1
10	16QAM	1	49	21.90	21.84	21.90		
10	16QAM	25	0	20.69	20.69	20.78		
10	16QAM	25	12	20.77	20.74	20.88	22	2
10	16QAM	25	25	20.74	20.79	20.78		
10	16QAM	50	0	20.77	20.85	20.72		
10	64QAM	1	0	21.23	21.01	21.10		
10	64QAM	1	25	20.90	20.89	20.96	22	2
10	64QAM	1	49	20.89	20.89	20.87		
10	64QAM	25	0	19.88	19.84	19.84		
10	64QAM	25	12	20.04	19.89	19.87	21	3
10	64QAM	25	25	19.85	19.80	19.63		
10	64QAM	50	0	19.94	19.86	19.97		
10	256QAM	1	0	17.97	18.03	18.00		
10	256QAM	1	25	17.93	17.90	17.70	19	5
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87		
10	256QAM	25	12	17.80	17.85	17.87	19	5
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.30	23.15		
5	QPSK	1	12	22.96	22.94	22.93	24	0
5	QPSK	1	24	22.99	22.98	22.98		
5	QPSK	12	0	21.92	22.26	21.89		
5	QPSK	12	7	22.14	22.08	21.93	23	1
5	QPSK	12	13	22.07	22.00	22.09		
5	QPSK	25	0	22.12	22.17	22.03		
5	16QAM	1	0	22.11	22.04	22.11		
5	16QAM	1	12	22.08	21.99	21.90	23	1
5	16QAM	1	24	21.93	21.90	21.86		
5	16QAM	12	0	20.72	20.59	20.78		
5	16QAM	12	7	20.76	20.67	20.77	22	2
5	16QAM	12	13	20.77	20.80	20.81		
5	16QAM	25	0	20.78	20.82	20.80		
5	64QAM	1	0	21.25	21.02	21.04		
5	64QAM	1	12	20.85	20.87	20.92	22	2
5	64QAM	1	24	20.91	20.90	20.86		
5	64QAM	12	0	19.88	19.81	19.83		
5	64QAM	12	7	20.03	19.98	19.91	21	3
5	64QAM	12	13	19.90	19.73	19.61		
5	64QAM	25	0	19.88	19.93	19.98		
5	256QAM	1	0	18.03	18.08	18.04		
5	256QAM	1	12	17.86	17.87	17.75	19	5
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94		
5	256QAM	12	7	17.80	17.83	17.79	19	5
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.21	23.25	23.11		
3	QPSK	1	8	22.90	22.94	22.90	24	0
3	QPSK	1	14	23.02	23.04	22.91		
3	QPSK	8	0	21.90	22.25	21.86		
3	QPSK	8	4	22.15	22.09	21.95	23	1
3	QPSK	8	7	22.09	21.97	22.11		
3	QPSK	15	0	22.07	22.17	22.02		
3	16QAM	1	0	22.08	22.00	22.02		
3	16QAM	1	8	22.11	21.98	21.96	23	1
3	16QAM	1	14	21.90	21.92	21.87		
3	16QAM	8	0	20.69	20.63	20.81		
3	16QAM	8	4	20.75	20.73	20.81	22	2
3	16QAM	8	7	20.81	20.72	20.77		
3	16QAM	15	0	20.75	20.87	20.76		
3	64QAM	1	0	21.22	21.00	21.00		
3	64QAM	1	8	20.86	20.92	20.91	22	2
3	64QAM	1	14	20.89	20.87	20.82		
3	64QAM	8	0	19.91	19.85	19.85		
3	64QAM	8	4	20.10	19.92	19.90	21	3
3	64QAM	8	7	19.80	19.78	19.69		
3	64QAM	15	0	19.95	19.87	20.00		
3	256QAM	1	0	18.04	18.03	18.05		
3	256QAM	1	8	17.96	17.81	17.88	19	5
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91		
3	256QAM	8	4	17.80	17.83	17.89	19	5
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.71	17.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.27	23.18		
1.4	QPSK	1	3	22.99	22.93	22.89		
1.4	QPSK	1	5	23.00	23.05	22.91	24	0
1.4	QPSK	3	0	23.22	23.28	23.14		
1.4	QPSK	3	1	22.99	22.96	22.92		
1.4	QPSK	3	3	23.04	22.94	22.87		
1.4	QPSK	6	0	21.90	22.27	21.91	23	1
1.4	16QAM	1	0	22.17	22.04	21.94		
1.4	16QAM	1	3	22.12	22.05	22.16		
1.4	16QAM	1	5	22.06	22.18	22.03	23	1
1.4	16QAM	3	0	22.11	22.00	22.06		
1.4	16QAM	3	1	22.08	21.96	21.88		
1.4	16QAM	3	3	21.89	21.94	21.87		
1.4	16QAM	6	0	20.67	20.65	20.83	22	2
1.4	64QAM	1	0	20.69	20.75	20.89		
1.4	64QAM	1	3	20.72	20.75	20.77		
1.4	64QAM	1	5	20.68	20.80	20.79	22	2
1.4	64QAM	3	0	21.23	20.90	21.07		
1.4	64QAM	3	1	20.84	20.90	20.95		
1.4	64QAM	3	3	20.90	20.90	20.82		
1.4	64QAM	6	0	19.80	19.77	19.92	21	3
1.4	256QAM	1	0	18.02	18.07	18.05		
1.4	256QAM	1	3	17.93	17.94	17.72		
1.4	256QAM	1	5	17.76	17.77	17.66	19	5
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	5

Band 4 Ant 0 DSI4

BW [MHz]	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	22.71	22.76	22.68		
20	QPSK	1	49	22.51	22.56	22.53	24	0
20	QPSK	1	99	22.52	22.52	22.51		
20	QPSK	50	0	21.47	21.55	21.47		
20	QPSK	50	24	21.51	21.47	21.52	23	1
20	QPSK	50	50	21.47	21.51	21.44		
20	QPSK	100	0	21.45	21.48	21.42		
20	16QAM	1	0	21.65	21.69	21.67		
20	16QAM	1	49	21.80	21.74	21.74	23	1
20	16QAM	1	99	21.55	21.66	21.52		
20	16QAM	50	0	20.42	20.38	20.46		
20	16QAM	50	24	20.54	20.55	20.58	22	2
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0	20.42	20.48	20.42		
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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.79	22.71		
10	QPSK	1	25	22.61	22.66	22.59	24	0
10	QPSK	1	49	22.62	22.72	22.57		
10	QPSK	25	0	21.68	21.76	21.66		
10	QPSK	25	12	21.68	21.67	21.62	23	1
10	QPSK	25	25	21.48	21.59	21.37		
10	QPSK	50	0	21.58	21.64	21.53		
10	16QAM	1	0	21.75	21.71	21.81		
10	16QAM	1	25	21.61	21.62	21.69	23	1
10	16QAM	1	49	21.73	21.69	21.80		
10	16QAM	25	0	20.78	20.72	20.77		
10	16QAM	25	12	20.79	20.77	20.79	22	2
10	16QAM	25	25	20.68	20.61	20.69		
10	16QAM	50	0	20.67	20.58	20.69		
10	64QAM	1	0	20.66	20.71	20.58		
10	64QAM	1	25	20.74	20.72	20.79	22	2
10	64QAM	1	49	20.71	20.75	20.69		
10	64QAM	25	0	19.60	19.58	19.57		
10	64QAM	25	12	19.71	19.63	19.68	21	3
10	64QAM	25	25	19.47	19.53	19.47		
10	64QAM	50	0	19.51	19.49	19.52		
10	256QAM	1	0	17.52	17.51	17.60		
10	256QAM	1	25	17.43	17.37	17.50	19	5
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49		
10	256QAM	25	12	17.39	17.48	17.34	19	5
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.72	22.69	22.57		
5	QPSK	1	12	22.50	22.64	22.55	24	0
5	QPSK	1	24	22.55	22.69	22.43		
5	QPSK	12	0	21.66	21.72	21.61		
5	QPSK	12	7	21.48	21.65	21.62	23	1
5	QPSK	12	13	21.35	21.43	21.31		
5	QPSK	25	0	21.42	21.60	21.47		
5	16QAM	1	0	21.56	21.63	21.77		
5	16QAM	1	12	21.41	21.56	21.53	23	1
5	16QAM	1	24	21.55	21.67	21.72		
5	16QAM	12	0	20.59	20.68	20.67		
5	16QAM	12	7	20.72	20.67	20.74	22	2
5	16QAM	12	13	20.58	20.58	20.61		
5	16QAM	25	0	20.62	20.56	20.64		
5	64QAM	1	0	20.55	20.61	20.54		
5	64QAM	1	12	20.72	20.64	20.75	22	2
5	64QAM	1	24	20.64	20.68	20.58		
5	64QAM	12	0	19.55	19.42	19.50		
5	64QAM	12	7	19.69	19.57	19.65	21	3
5	64QAM	12	13	19.31	19.39	19.38		
5	64QAM	25	0	19.48	19.46	19.41		
5	256QAM	1	0	17.51	17.39	17.45		
5	256QAM	1	12	17.27	17.24	17.37	19	5
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35		
5	256QAM	12	7	17.24	17.41	17.30	19	5
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.78	22.55		
3	QPSK	1	8	22.49	22.50	22.54	24	0
3	QPSK	1	14	22.43	22.67	22.47		
3	QPSK	8	0	21.57	21.60	21.61		
3	QPSK	8	4	21.50	21.54	21.54	23	1
3	QPSK	8	7	21.39	21.55	21.25		
3	QPSK	15	0	21.50	21.53	21.37		
3	16QAM	1	0	21.64	21.53	21.77		
3	16QAM	1	8	21.56	21.56	21.59	23	1
3	16QAM	1	14	21.56	21.65	21.66		
3	16QAM	8	0	20.64	20.52	20.70		
3	16QAM	8	4	20.65	20.72	20.75	22	2
3	16QAM	8	7	20.57	20.58	20.57		
3	16QAM	15	0	20.57	20.46	20.49		
3	64QAM	1	0	20.48	20.58	20.43		
3	64QAM	1	8	20.58	20.60	20.60	22	2
3	64QAM	1	14	20.60	20.56	20.56		
3	64QAM	8	0	19.52	19.43	19.43		
3	64QAM	8	4	19.58	19.43	19.62	21	3
3	64QAM	8	7	19.31	19.44	19.38		
3	64QAM	15	0	19.37	19.37	19.45		
3	256QAM	1	0	17.33	17.43	17.54		
3	256QAM	1	8	17.28	17.22	17.43	19	5
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43		
3	256QAM	8	4	17.21	17.46	17.30	19	5
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.75	22.76	22.71		
1.4	QPSK	1	3	22.57	22.51	22.52		
1.4	QPSK	1	5	22.46	22.70	22.51	24	0
1.4	QPSK	3	0	22.76	22.74	22.54		
1.4	QPSK	3	1	22.50	22.58	22.53		
1.4	QPSK	3	3	22.48	22.54	22.42		
1.4	QPSK	6	0	21.55	21.63	21.48	23	1
1.4	16QAM	1	0	21.55	21.50	21.58		
1.4	16QAM	1	3	21.48	21.49	21.26		
1.4	16QAM	1	5	21.48	21.49	21.45	23	1
1.4	16QAM	3	0	21.58	21.61	21.81		
1.4	16QAM	3	1	21.56	21.58	21.64		
1.4	16QAM	3	3	21.68	21.56	21.62		
1.4	16QAM	6	0	20.68	20.54	20.67	22	2
1.4	64QAM	1	0	20.62	20.69	20.73		
1.4	64QAM	1	3	20.63	20.43	20.56		
1.4	64QAM	1	5	20.54	20.53	20.52	22	2
1.4	64QAM	3	0	20.60	20.69	20.49		
1.4	64QAM	3	1	20.54	20.55	20.78		
1.4	64QAM	3	3	20.55	20.70	20.55		
1.4	64QAM	6	0	19.59	19.51	19.54	21	3
1.4	256QAM	1	0	17.41	17.34	17.51		
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18	19	5
1.4	256QAM	3	0	17.38	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.96	23.05	23.03		
10	QPSK	1	25	22.92	22.96	22.89	24	0
10	QPSK	1	49	22.88	22.98	22.89		
10	QPSK	25	0	21.74	21.86	21.63		
10	QPSK	25	12	21.83	21.82	21.84	23	1
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.75	21.68		
10	16QAM	1	0	21.85	21.89	21.89		
10	16QAM	1	25	21.78	21.82	21.71	23	1
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54		
10	16QAM	25	12	20.71	20.70	20.79	22	2
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82		
10	64QAM	1	25	20.87	20.83	20.85	22	2
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53		
10	64QAM	25	12	19.64	19.63	19.62	21	3
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84		
10	256QAM	1	25	17.87	17.89	17.91	19	5
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86		
10	256QAM	25	12	17.81	17.87	17.74	19	5
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87		
5	QPSK	1	12	22.83	22.93	22.73	24	0
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50		
5	QPSK	12	7	21.68	21.69	21.69	23	1
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74		
5	16QAM	1	12	21.73	21.73	21.62	23	1
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41		
5	16QAM	12	7	20.52	20.56	20.64	22	2
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72		
5	64QAM	1	12	20.75	20.70	20.84	22	2
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48		
5	64QAM	12	7	19.62	19.45	19.56	21	3
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79		
5	256QAM	1	12	17.81	17.72	17.90	19	5
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80		
5	256QAM	12	7	17.67	17.72	17.58	19	5
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98		
3	QPSK	1	8	22.92	22.84	22.89	24	0
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63		
3	QPSK	8	4	21.66	21.73	21.67	23	1
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69		
3	16QAM	1	8	21.60	21.72	21.69	23	1
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35		
3	16QAM	8	4	20.68	20.61	20.65	22	2
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76		
3	64QAM	1	8	20.73	20.82	20.75	22	2
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33		
3	64QAM	8	4	19.49	19.56	19.59	21	3
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82		
3	256QAM	1	8	17.80	17.70	17.83	19	5
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71		
3	256QAM	8	4	17.79	17.81	17.69	19	5
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92		
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70	24	0
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.86		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79		
1.4	16QAM	1	3	21.66	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67	23	1
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59		
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58	22	2
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69		
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71	19	5
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI4sig path：300

BW [MHz]	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	23.22	23.24	23.17		
10	QPSK	1	25	23.15	23.18	23.05	24	0
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96		
10	QPSK	25	12	21.90	21.91	22.01	23	1
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.96	21.87		
10	16QAM	1	0	22.08	21.99	21.98		
10	16QAM	1	25	21.94	21.99	21.87	23	1
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64		
10	16QAM	25	12	20.81	20.90	20.95	22	2
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95		
10	64QAM	1	25	21.07	20.98	21.07	22	2
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69		
10	64QAM	25	12	19.81	19.80	19.82	21	3
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97		
10	256QAM	1	25	18.00	18.07	18.00	19	5
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96		
10	256QAM	25	12	18.02	18.03	17.85	19	5
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12		
5	QPSK	1	12	23.13	23.14	23.01	24	0
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86		
5	QPSK	12	7	21.82	21.76	21.96	23	1
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81		
5	16QAM	1	12	21.86	21.82	21.84	23	1
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47		
5	16QAM	12	7	20.66	20.87	20.90	22	2
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88		
5	64QAM	1	12	21.01	20.86	20.99	22	2
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60		
5	64QAM	12	7	19.68	19.74	19.70	21	3
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92		
5	256QAM	1	12	17.97	18.03	17.94	19	5
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92		
5	256QAM	12	7	17.95	17.95	17.69	19	5
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12		
3	QPSK	1	8	22.98	23.16	22.93	24	0
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79		
3	QPSK	8	4	21.86	21.79	21.87	23	1
3	QPSK	8	7	21.80	21.89	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82		
3	16QAM	1	8	21.83	21.94	21.71	23	1
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60		
3	16QAM	8	4	20.71	20.81	20.89	22	2
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89		
3	64QAM	1	8	20.91	20.81	20.91	22	2
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62		
3	64QAM	8	4	19.75	19.71	19.72	21	3
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90		
3	256QAM	1	8	17.83	17.98	17.92	19	5
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91		
3	256QAM	8	4	17.97	17.94	17.74	19	5
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13		
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90	24	0
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88		
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82	23	1
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69		
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77	22	2
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87		
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84	19	5
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI4

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI4sig path：378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.78		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI4sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

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BW [MHz]	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	23.06	23.11	23.03	24	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	1
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	1
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	2
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	2
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	3
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.48		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	24	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	1
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	1
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	2
5	16QAM	12	7	20.65	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	2
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	3
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

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BW [MHz]	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	26540		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.69	22.73	22.72	24	0
20	QPSK	1	49	22.55	22.62	22.49		
20	QPSK	1	99	22.60	22.67	22.50		
20	QPSK	50	0	21.47	21.53	21.29	23	1
20	QPSK	50	24	21.27	21.40	21.17		
20	QPSK	50	50	21.35	21.52	21.16		
20	QPSK	100	0	21.31	21.41	21.22		
20	16QAM	1	0	21.40	21.55	21.36	23	1
20	16QAM	1	49	21.31	21.49	21.25		
20	16QAM	1	99	21.34	21.48	21.30		
20	16QAM	50	0	20.49	20.53	20.49	22	2
20	16QAM	50	24	20.32	20.49	20.28		
20	16QAM	50	50	20.42	20.44	20.29		
20	16QAM	100	0	20.34	20.45	20.17		
20	64QAM	1	0	20.52	20.52	20.40	22	2
20	64QAM	1	49	20.37	20.47	20.27		
20	64QAM	1	99	20.37	20.49	20.37		
20	64QAM	50	0	19.51	19.55	19.38	21	3
20	64QAM	50	24	19.44	19.60	19.33		
20	64QAM	50	50	19.44	19.46	19.40		
20	64QAM	100	0	19.47	19.63	19.36		
20	256QAM	1	0	17.57	17.69	17.46	19	5
20	256QAM	1	49	17.61	17.68	17.50		
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43	19	5
20	256QAM	50	24	17.34	17.34	17.14		
20	256QAM	50	50	17.40	17.48	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.53	22.67	22.62	24	0
15	QPSK	1	37	22.36	22.50	22.44		
15	QPSK	1	74	22.56	22.59	22.31		
15	QPSK	36	0	21.47	21.37	21.19	23	1
15	QPSK	36	20	21.12	21.34	21.04		
15	QPSK	36	39	21.20	21.41	21.13		
15	QPSK	75	0	21.16	21.36	21.15		
15	16QAM	1	0	21.24	21.38	21.32	23	1
15	16QAM	1	37	21.12	21.39	21.19		
15	16QAM	1	74	21.17	21.38	21.24		
15	16QAM	36	0	20.42	20.47	20.30	22	2
15	16QAM	36	20	20.19	20.30	20.23		
15	16QAM	36	39	20.29	20.41	20.15		
15	16QAM	75	0	20.23	20.43	20.10		
15	64QAM	1	0	20.50	20.51	20.36	22	2
15	64QAM	1	37	20.29	20.32	20.09		
15	64QAM	1	74	20.19	20.46	20.26		
15	64QAM	36	0	19.51	19.46	19.34	21	3
15	64QAM	36	20	19.32	19.56	19.15		
15	64QAM	36	39	19.26	19.43	19.37		
15	64QAM	75	0	19.32	19.54	19.31		
15	256QAM	1	0	17.45	17.53	17.31	19	5
15	256QAM	1	37	17.42	17.59	17.37		
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32	19	5
15	256QAM	36	20	17.15	17.15	17.00		
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.55	22.60	22.58	24	0
10	QPSK	1	25	22.43	22.55	22.39		
10	QPSK	1	49	22.47	22.55	22.39		
10	QPSK	25	0	21.37	21.51	21.16	23	1
10	QPSK	25	12	21.18	21.35	21.09		
10	QPSK	25	25	21.15	21.49	21.11		
10	QPSK	50	0	21.28	21.32	21.03		
10	16QAM	1	0	21.20	21.46	21.21	23	1
10	16QAM	1	25	21.25	21.46	21.18		
10	16QAM	1	49	21.27	21.30	21.16		
10	16QAM	25	0	20.37	20.47	20.40	22	2
10	16QAM	25	12	20.27	20.46	20.14		
10	16QAM	25	25	20.37	20.29	20.20		
10	16QAM	50	0	20.21	20.29	20.00		
10	64QAM	1	0	20.33	20.46	20.21	22	2
10	64QAM	1	25	20.21	20.39	20.23		
10	64QAM	1	49	20.19	20.48	20.27		
10	64QAM	25	0	19.33	19.39	19.31	21	3
10	64QAM	25	12	19.42	19.47	19.16		
10	64QAM	25	25	19.39	19.41	19.37		
10	64QAM	50	0	19.42	19.54	19.34		
10	256QAM	1	0	17.42	17.61	17.44	19	5
10	256QAM	1	25	17.56	17.53	17.40		
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27	19	5
10	256QAM	25	12	17.17	17.15	17.07		
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.64	22.64	22.71	24	0
5	QPSK	1	12	22.48	22.53	22.44		
5	QPSK	1	24	22.48	22.49	22.43		
5	QPSK	12	0	21.32	21.46	21.21	23	1
5	QPSK	12	7	21.21	21.21	21.17		
5	QPSK	12	13	21.17	21.39	21.12		
5	QPSK	25	0	21.25	21.33	21.08		
5	16QAM	1	0	21.28	21.46	21.21	23	1
5	16QAM	1	12	21.23	21.37	21.13		
5	16QAM	1	24	21.19	21.46	21.10		
5	16QAM	12	0	20.47	20.35	20.44	22	2
5	16QAM	12	7	20.26	20.32	20.27		
5	16QAM	12	13	20.28	20.26	20.27		
5	16QAM	25	0	20.19	20.42	20.12		
5	64QAM	1	0	20.50	20.39	20.27	22	2
5	64QAM	1	12	20.32	20.28	20.14		
5	64QAM	1	24	20.19	20.31	20.23		
5	64QAM	12	0	19.42	19.53	19.33	21	3
5	64QAM	12	7	19.38	19.52	19.19		
5	64QAM	12	13	19.30	19.34	19.36		
5	64QAM	25	0	19.37	19.60	19.23		
5	256QAM	1	0	17.48	17.61	17.29	19	5
5	256QAM	1	12	17.50	17.58	17.46		
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26	19	5
5	256QAM	12	7	17.21	17.25	17.02		
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26035	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.50	22.56	22.67	24	0
3	QPSK	1	8	22.48	22.59	22.44		
3	QPSK	1	14	22.52	22.53	22.39		
3	QPSK	8	0	21.41	21.41	21.21	23	1
3	QPSK	8	4	21.15	21.34	21.10		
3	QPSK	8	7	21.26	21.51	21.06		
3	QPSK	15	0	21.25	21.22	21.22		
3	16QAM	1	0	21.24	21.51	21.17	23	1
3	16QAM	1	8	21.27	21.40	21.22		
3	16QAM	1	14	21.24	21.40	21.17		
3	16QAM	8	0	20.43	20.47	20.37	22	2
3	16QAM	8	4	20.20	20.44	20.25		
3	16QAM	8	7	20.40	20.40	20.26		
3	16QAM	15	0	20.26	20.40	20.04		
3	64QAM	1	0	20.49	20.33	20.26	22	2
3	64QAM	1	8	20.33	20.30	20.16		
3	64QAM	1	14	20.29	20.36	20.26		
3	64QAM	8	0	19.34	19.52	19.23	21	3
3	64QAM	8	4	19.41	19.53	19.30		
3	64QAM	8	7	19.41	19.36	19.40		
3	64QAM	15	0	19.43	19.63	19.24		
3	256QAM	1	0	17.41	17.64	17.41	19	5
3	256QAM	1	8	17.59	17.58	17.34		
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36	19	5
3	256QAM	8	4	17.26	17.21	17.11		
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.15	17.30	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.55	22.72	22.57	24	0
1.4	QPSK	1	3	22.38	22.51	22.45		
1.4	QPSK	1	5	22.53	22.64	22.31		
1.4	QPSK	3	0	22.55	22.55	22.55		
1.4	QPSK	3	1	22.41	22.53	22.33		
1.4	QPSK	3	3	22.43	22.59	22.45		
1.4	QPSK	6	0	21.33	21.42	21.21	23	1
1.4	16QAM	1	0	21.18	21.21	21.10	23	1
1.4	16QAM	1	3	21.32	21.49	21.08		
1.4	16QAM	1	5	21.26	21.28	21.09		
1.4	16QAM	3	0	21.32	21.39	21.32		
1.4	16QAM	3	1	21.11	21.42	21.18		
1.4	16QAM	3	3	21.28	21.36	21.30		
1.4	16QAM	6	0	20.39	20.43	20.45	22	2
1.4	64QAM	1	0	20.14	20.34	20.11	22	2
1.4	64QAM	1	3	20.37	20.36	20.27		
1.4	64QAM	1	5	20.29	20.43	20.06		
1.4	64QAM	3	0	20.39	20.39	20.33		
1.4	64QAM	3	1	20.22	20.42	20.19		
1.4	64QAM	3	3	20.26	20.46	20.25		
1.4	64QAM	6	0	19.34	19.55	19.28	21	3
1.4	256QAM	1	0	17.47	17.50	17.44	19	5
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41		
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.79	22.80	22.78	24	0
15	QPSK	1	37	22.77	22.79	22.78		
15	QPSK	1	74	22.64	22.73	22.65		
15	QPSK	36	0	21.60	21.64	21.60	23	1
15	QPSK	36	20	21.31	21.38	21.29		
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.34	21.31		
15	16QAM	1	0	21.55	21.58	21.47	23	1
15	16QAM	1	37	21.41	21.44	21.37		
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54	22	2
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	2
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	3
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.64	22.64	22.67	24	0
10	QPSK	1	25	22.73	22.60	22.77		
10	QPSK	1	49	22.47	22.54	22.59		
10	QPSK	25	0	21.52	21.45	21.45	23	1
10	QPSK	25	12	21.13	21.37	21.23		
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33	23	1
10	16QAM	1	25	21.37	21.41	21.28		
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35	22	2
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	2
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	3
10	64QAM	25	12	19.29	19.25	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.72	22.73	24	0
5	QPSK	1	12	22.64	22.71	22.74		
5	QPSK	1	24	22.63	22.58	22.62		
5	QPSK	12	0	21.50	21.56	21.45	23	1
5	QPSK	12	7	21.19	21.27	21.27		
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38	23	1
5	16QAM	1	12	21.23	21.40	21.20		
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36	22	2
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	2
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	3
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.67	22.65	24	0
3	QPSK	1	8	22.68	22.67	22.61		
3	QPSK	1	14	22.48	22.64	22.63		
3	QPSK	8	0	21.40	21.56	21.48	23	1
3	QPSK	8	4	21.24	21.38	21.17		
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28	23	1
3	16QAM	1	8	21.33	21.36	21.26		
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51	22	2
3	16QAM	8	4	20.27	20.27	20.34		
3	16QAM	8	7	20.36	20.45	20.26		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50	22	2
3	64QAM	1	8	20.31	20.43	20.39		
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47	21	3
3	64QAM	8	4	19.26	19.32	19.41		
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36	19	5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.43	17.29	19	5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.72	22.74	22.67	24	0
1.4	QPSK	1	3	22.66	22.70	22.61		
1.4	QPSK	1	5	22.56	22.66	22.64		
1.4	QPSK	3	0	22.64	22.71	22.72		
1.4	QPSK	3	1	22.58	22.60	22.66		
1.4	QPSK	3	3	22.63	22.59	22.55		
1.4	QPSK	6	0	21.57	21.61	21.54	23	1
1.4	16QAM	1	0	21.16	21.32	21.24	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12		
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.28	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	2
1.4	64QAM	1	0	20.33	20.37	20.41	22	2
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39		
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.43	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	3
1.4	256QAM	1	0	17.39	17.37	17.47	19	5
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57		
1.4	256QAM	3	0	17.27	17.33	17.41		
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.08	17.21	17.23	19	5

Band 26 for FCC Ant 0 DSI4sig path：320

BW [MHz]	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	23.31	23.36	23.33	24	0
15	QPSK	1	37	23.24	23.33	23.28		
15	QPSK	1	74	23.17	23.25	23.12		
15	QPSK	36	0	22.03	22.13	22.10	23	1
15	QPSK	36	20	21.79	21.86	21.85		
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94	23	1
15	16QAM	1	37	21.92	21.88	21.90		
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	21.06	22	2
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11	22	2
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	3
15	64QAM	36	20	19.88	19.85	19.98		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.18	23.32	23.19	24	0
10	QPSK	1	25	23.10	23.25	23.20		
10	QPSK	1	49	23.15	23.18	22.95		
10	QPSK	25	0	22.00	22.08	21.97	23	1
10	QPSK	25	12	21.69	21.79	21.75		
10	QPSK	25	25	21.79	21.90	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88	23	1
10	16QAM	1	25	21.86	21.74	21.86		
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96	22	2
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04	22	2
10	64QAM	1	25	20.96	20.94	20.88		
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01	21	3
10	64QAM	25	12	19.82	19.77	19.94		
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95	19	5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	5
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.83	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.17	23.21	23.15	24	0
5	QPSK	1	12	23.22	23.18	23.12		
5	QPSK	1	24	23.04	23.17	23.04		
5	QPSK	12	0	21.98	21.98	21.94	23	1
5	QPSK	12	7	21.75	21.68	21.71		
5	QPSK	12	13	21.76	22.02	21.94		
5	QPSK	25	0	21.82	21.81	21.70		
5	16QAM	1	0	22.02	22.00	21.87	23	1
5	16QAM	1	12	21.75	21.81	21.72		
5	16QAM	1	24	22.02	22.09	22.15		
5	16QAM	12	0	20.89	20.79	20.88	22	2
5	16QAM	12	7	20.80	20.85	20.91		
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03	22	2
5	64QAM	1	12	20.84	21.01	20.81		
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97	21	3
5	64QAM	12	7	19.80	19.73	19.85		
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87	19	5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	5
5	256QAM	12	7	17.92	17.94	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.28	23.26	23.30	24	0
3	QPSK	1	8	23.12	23.30	23.25		
3	QPSK	1	14	23.03	23.15	22.97		
3	QPSK	8	0	21.93	22.08	22.07	23	1
3	QPSK	8	4	21.77	21.71	21.72		
3	QPSK	8	7	21.91	21.94	21.82		
3	QPSK	15	0	21.80	21.91	21.84		
3	16QAM	1	0	21.95	22.10	21.80	23	1
3	16QAM	1	8	21.75	21.84	21.77		
3	16QAM	1	14	22.13	22.09	22.10		
3	16QAM	8	0	20.88	20.88	21.00	22	2
3	16QAM	8	4	20.70	20.83	20.92		
3	16QAM	8	7	20.88	20.82	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98	22	2
3	64QAM	1	8	20.86	20.99	20.86		
3	64QAM	1	14	20.73	20.78	20.89		
3	64QAM	8	0	19.94	19.96	19.89	21	3
3	64QAM	8	4	19.71	19.72	19.95		
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.80	17.88	19	5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.26	23.30	23.21	24	0
1.4	QPSK	1	3	23.22	23.26	23.18		
1.4	QPSK	1	5	23.08	23.24	23.17		
1.4	QPSK	3	0	23.17	23.17	23.16		
1.4	QPSK	3	1	23.01	23.12	23.11		
1.4	QPSK	3	3	23.05	23.05	22.99		
1.4	QPSK	6	0	22.02	22.07	22.00	23	1
1.4	16QAM	1	0	21.80	21.80	21.67	23	1
1.4	16QAM	1	3	21.73	21.90	21.81		
1.4	16QAM	1	5	21.65	21.76	21.69		
1.4	16QAM	3	0	21.97	21.89	21.89		
1.4	16QAM	3	1	21.87	21.75	21.81		
1.4	16QAM	3	3	22.15	22.19	22.03		
1.4	16QAM	6	0	20.90	20.87	20.84	22	2
1.4	64QAM	1	0	20.82	20.89	20.92	22	2
1.4	64QAM	1	3	20.88	20.80	20.76		
1.4	64QAM	1	5	20.90	21.06	20.92		
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.83	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	3
1.4	256QAM	1	0	17.89	17.86	17.95	19	5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	5

Band 66 Ant 0 DSI4

BW [MHz]	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	22.72	22.76	22.70		
20	QPSK	1	49	22.49	22.55	22.54	24	0
20	QPSK	1	99	22.65	22.61	22.53		
20	QPSK	50	0	21.63	21.69	21.46		
20	QPSK	50	24	21.66	21.65	21.68	23	1
20	QPSK	50	50	21.51	21.50	21.37		
20	QPSK	100	0	21.48	21.66	21.54		
20	16QAM	1	0	21.50	21.67	21.60		
20	16QAM	1	49	21.52	21.62	21.57	23	1
20	16QAM	1	99	21.49	21.58	21.51		
20	16QAM	50	0	20.59	20.67	20.53		
20	16QAM	50	24	20.73	20.62	20.65	22	2
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58		
20	64QAM	1	49	20.44	20.53	20.55	22	2
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51		
20	64QAM	50	24	19.48	19.60	19.25	21	3
20	64QAM	50	50	19.48	19.54	19.66		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48		
20	256QAM	1	49	17.53	17.60	17.45	19	5
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44		
20	256QAM	50	24	17.31	17.49	17.14	19	5
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.59	22.60		
15	QPSK	1	37	22.33	22.49	22.49	24	0
15	QPSK	1	74	22.52	22.44	22.40		
15	QPSK	36	0	21.57	21.52	21.33		
15	QPSK	36	20	21.62	21.53	21.67	23	1
15	QPSK	36	39	21.49	21.47	21.27		
15	QPSK	75	0	21.36	21.52	21.47		
15	16QAM	1	0	21.31	21.63	21.46		
15	16QAM	1	37	21.44	21.60	21.46	23	1
15	16QAM	1	74	21.34	21.40	21.33		
15	16QAM	36	0	20.48	20.60	20.36		
15	16QAM	36	20	20.69	20.45	20.51	22	2
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.55	20.44		
15	64QAM	1	0	20.60	20.43	20.56		
15	64QAM	1	37	20.25	20.49	20.49	22	2
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48		
15	64QAM	36	20	19.29	19.44	19.24	21	3
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38		
15	256QAM	1	37	17.49	17.42	17.28	19	5
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34		
15	256QAM	36	20	17.30	17.35	17.04	19	5
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.55	22.56	22.63		
10	QPSK	1	25	22.43	22.44	22.44	24	0
10	QPSK	1	49	22.60	22.53	22.35		
10	QPSK	25	0	21.58	21.65	21.29		
10	QPSK	25	12	21.62	21.51	21.49	23	1
10	QPSK	25	25	21.43	21.47	21.25		
10	QPSK	50	0	21.35	21.65	21.43		
10	16QAM	1	0	21.34	21.55	21.44		
10	16QAM	1	25	21.46	21.53	21.55	23	1
10	16QAM	1	49	21.35	21.53	21.48		
10	16QAM	25	0	20.52	20.61	20.50		
10	16QAM	25	12	20.54	20.51	20.64	22	2
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.49	20.53	20.39		
10	64QAM	1	25	20.44	20.53	20.37	22	2
10	64QAM	1	49	20.51	20.36	20.19		
10	64QAM	25	0	19.52	19.50	19.33		
10	64QAM	25	12	19.31	19.44	19.14	21	3
10	64QAM	25	25	19.30	19.51	19.52		
10	64QAM	50	0	19.46	19.45	19.30		
10	256QAM	1	0	17.37	17.61	17.42		
10	256QAM	1	25	17.36	17.41	17.42	19	5
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31		
10	256QAM	25	12	17.30	17.34	17.08	19	5
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.58	22.72	22.60		
5	QPSK	1	12	22.33	22.47	22.45	24	0
5	QPSK	1	24	22.63	22.49	22.47		
5	QPSK	12	0	21.46	21.53	21.29		
5	QPSK	12	7	21.62	21.59	21.53	23	1
5	QPSK	12	13	21.51	21.30	21.23		
5	QPSK	25	0	21.46	21.64	21.54		
5	16QAM	1	0	21.45	21.66	21.53		
5	16QAM	1	12	21.36	21.60	21.44	23	1
5	16QAM	1	24	21.33	21.49	21.33		
5	16QAM	12	0	20.43	20.54	20.40		
5	16QAM	12	7	20.65	20.61	20.53	22	2
5	16QAM	12	13	20.37	20.32	20.22		
5	16QAM	25	0	20.54	20.49	20.42		
5	64QAM	1	0	20.55	20.37	20.42		
5	64QAM	1	12	20.25	20.50	20.52	22	2
5	64QAM	1	24	20.48	20.51	20.30		
5	64QAM	12	0	19.54	19.49	19.51		
5	64QAM	12	7	19.38	19.48	19.13	21	3
5	64QAM	12	13	19.29	19.46	19.46		
5	64QAM	25	0	19.51	19.51	19.31		
5	256QAM	1	0	17.37	17.60	17.43		
5	256QAM	1	12	17.51	17.55	17.26	19	5
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44		
5	256QAM	12	7	17.30	17.44	17.07	19	5
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.63	22.55		
3	QPSK	1	8	22.45	22.48	22.52	24	0
3	QPSK	1	14	22.61	22.51	22.38		
3	QPSK	8	0	21.48	21.63	21.32		
3	QPSK	8	4	21.48	21.54	21.52	23	1
3	QPSK	8	7	21.37	21.33	21.26		
3	QPSK	15	0	21.39	21.63	21.36		
3	16QAM	1	0	21.41	21.60	21.43		
3	16QAM	1	8	21.32	21.46	21.51	23	1
3	16QAM	1	14	21.42	21.50	21.34		
3	16QAM	8	0	20.51	20.65	20.47		
3	16QAM	8	4	20.61	20.59	20.58	22	2
3	16QAM	8	7	20.24	20.43	20.37		
3	16QAM	15	0	20.49	20.42	20.42		
3	64QAM	1	0	20.46	20.40	20.43		
3	64QAM	1	8	20.27	20.46	20.54	22	2
3	64QAM	1	14	20.35	20.41	20.22		
3	64QAM	8	0	19.43	19.38	19.46		
3	64QAM	8	4	19.38	19.42	19.14	21	3
3	64QAM	8	7	19.36	19.39	19.48		
3	64QAM	15	0	19.51	19.52	19.27		
3	256QAM	1	0	17.54	17.59	17.46		
3	256QAM	1	8	17.33	17.51	17.42	19	5
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37		
3	256QAM	8	4	17.19	17.41	17.10	19	5
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131978	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.57	22.74	22.62		
1.4	QPSK	1	3	22.47	22.44	22.37		
1.4	QPSK	1	5	22.60	22.52	22.36	24	0
1.4	QPSK	3	0	22.57	22.70	22.55		
1.4	QPSK	3	1	22.36	22.44	22.47		
1.4	QPSK	3	3	22.47	22.55	22.50		
1.4	QPSK	6	0	21.58	21.68	21.38	23	1
1.4	16QAM	1	0	21.59	21.50	21.63		
1.4	16QAM	1	3	21.43	21.40	21.24		
1.4	16QAM	1	5	21.36	21.57	21.46	23	1
1.4	16QAM	3	0	21.32	21.62	21.44		
1.4	16QAM	3	1	21.37	21.61	21.54		
1.4	16QAM	3	3	21.39	21.53	21.32		
1.4	16QAM	6	0	20.59	20.57	20.49	22	2
1.4	64QAM	1	0	20.65	20.44	20.49		
1.4	64QAM	1	3	20.31	20.48	20.21		
1.4	64QAM	1	5	20.51	20.42	20.54	22	2
1.4	64QAM	3	0	20.61	20.54	20.53		
1.4	64QAM	3	1	20.25	20.46	20.36		
1.4	64QAM	3	3	20.52	20.47	20.18		
1.4	64QAM	6	0	19.46	19.54	19.12	21	3
1.4	256QAM	1	0	17.37	17.49	17.39		
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49	19	5
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	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	22.81	22.86	22.83		
20	QPSK	1	49	22.76	22.68	22.72	24	0
20	QPSK	1	99	22.84	22.77	22.68		
20	QPSK	50	0	21.80	21.84	21.54		
20	QPSK	50	24	21.81	21.73	21.83	23	1
20	QPSK	50	50	21.71	21.80	21.77		
20	QPSK	100	0	21.76	21.82	21.73		
20	16QAM	1	0	21.69	21.74	21.79		
20	16QAM	1	49	21.70	21.73	21.73	23	1
20	16QAM	1	99	21.63	21.79	21.64		
20	16QAM	50	0	20.84	20.79	20.60		
20	16QAM	50	24	20.81	20.76	20.80	22	2
20	16QAM	50	50	20.60	20.66	20.52		
20	16QAM	100	0	20.87	20.78	20.68		
20	64QAM	1	0	20.78	20.75	20.66		
20	64QAM	1	49	20.60	20.62	20.68	22	2
20	64QAM	1	99	20.68	20.70	20.51		
20	64QAM	50	0	19.75	19.67	19.73		
20	64QAM	50	24	19.67	19.82	19.34	21	3
20	64QAM	50	50	19.58	19.71	19.80		
20	64QAM	100	0	19.64	19.65	19.57		
20	256QAM	1	0	17.76	17.75	17.67		
20	256QAM	1	49	17.64	17.70	17.63	19	5
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55		
20	256QAM	50	24	17.49	17.66	17.33	19	5
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.82	22.71		
15	QPSK	1	37	22.67	22.52	22.56	24	0
15	QPSK	1	74	22.70	22.59	22.55		
15	QPSK	36	0	21.75	21.77	21.52		
15	QPSK	36	20	21.70	21.80	21.73	23	1
15	QPSK	36	39	21.55	21.75	21.62		
15	QPSK	75	0	21.71	21.79	21.56		
15	16QAM	1	0	21.52	21.57	21.64		
15	16QAM	1	37	21.61	21.67	21.66	23	1
15	16QAM	1	74	21.48	21.68	21.53		
15	16QAM	36	0	20.52	20.65	20.47		
15	16QAM	36	20	20.66	20.58	20.68	22	2
15	16QAM	36	39	20.51	20.63	20.45		
15	16QAM	75	0	20.74	20.63	20.62		
15	64QAM	1	0	20.74	20.66	20.49		
15	64QAM	1	37	20.47	20.55	20.64	22	2
15	64QAM	1	74	20.54	20.58	20.33		
15	64QAM	36	0	19.71	19.59	19.70		
15	64QAM	36	20	19.53	19.73	19.70	21	3
15	64QAM	36	39	19.55	19.57	19.77		
15	64QAM	75	0	19.50	19.66	19.56		
15	256QAM	1	0	17.68	17.60	17.55		
15	256QAM	1	37	17.58	17.66	17.51	19	5
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64		
15	256QAM	36	20	17.70	17.65	17.67	19	5
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.69	22.75	22.72		
10	QPSK	1	25	22.71	22.55	22.69	24	0
10	QPSK	1	49	22.77	22.70	22.59		
10	QPSK	25	0	21.69	21.77	21.50		
10	QPSK	25	12	21.66	21.58	21.79	23	1
10	QPSK	25	25	21.66	21.69	21.71		
10	QPSK	50	0	21.68	21.73	21.62		
10	16QAM	1	0	21.58	21.63	21.66		
10	16QAM	1	25	21.60	21.59	21.68	23	1
10	16QAM	1	49	21.49	21.72	21.58		
10	16QAM	25	0	20.51	20.74	20.56		
10	16QAM	25	12	20.65	20.62	20.73	22	2
10	16QAM	25	25	20.53	20.63	20.38		
10	16QAM	50	0	20.77	20.66	20.54		
10	64QAM	1	0	20.68	20.69	20.60		
10	64QAM	1	25	20.55	20.53	20.50	22	2
10	64QAM	1	49	20.62	20.59	20.37		
10	64QAM	25	0	19.67	19.57	19.68		
10	64QAM	25	12	19.51	19.73	19.76	21	3
10	64QAM	25	25	19.63	19.60	19.71		
10	64QAM	50	0	19.59	19.65	19.60		
10	256QAM	1	0	17.59	17.71	17.60		
10	256QAM	1	25	17.55	17.58	17.54	19	5
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61		
10	256QAM	25	12	17.72	17.65	17.61	19	5
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.76	22.78	22.68		
5	QPSK	1	12	22.68	22.52	22.66	24	0
5	QPSK	1	24	22.71	22.65	22.53		
5	QPSK	12	0	21.63	21.78	21.45		
5	QPSK	12	7	21.66	21.61	21.67	23	1
5	QPSK	12	13	21.65	21.72	21.64		
5	QPSK	25	0	21.60	21.73	21.65		
5	16QAM	1	0	21.56	21.70	21.73		
5	16QAM	1	12	21.58	21.70	21.68	23	1
5	16QAM	1	24	21.59	21.61	21.60		
5	16QAM	12	0	20.56	20.71	20.44		
5	16QAM	12	7	20.64	20.62	20.78	22	2
5	16QAM	12	13	20.50	20.58	20.47		
5	16QAM	25	0	20.70	20.68	20.54		
5	64QAM	1	0	20.61	20.64	20.55		
5	64QAM	1	12	20.58	20.45	20.61	22	2
5	64QAM	1	24	20.64	20.67	20.40		
5	64QAM	12	0	19.60	19.56	19.61		
5	64QAM	12	7	19.52	19.66	19.72	21	3
5	64QAM	12	13	19.68	19.57	19.72		
5	64QAM	25	0	19.58	19.64	19.66		
5	256QAM	1	0	17.60	17.71	17.60		
5	256QAM	1	12	17.59	17.59	17.58	19	5
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57		
5	256QAM	12	7	17.73	17.60	17.58	19	5
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.77	22.69	22.67		
3	QPSK	1	8	22.74	22.60	22.69	24	0
3	QPSK	1	14	22.70	22.72	22.51		
3	QPSK	8	0	21.75	21.73	21.41		
3	QPSK	8	4	21.75	21.58	21.72	23	1
3	QPSK	8	7	21.63	21.71	21.72		
3	QPSK	15	0	21.70	21.79	21.66		
3	16QAM	1	0	21.55	21.70	21.67		
3	16QAM	1	8	21.56	21.62	21.67	23	1
3	16QAM	1	14	21.49	21.69	21.57		
3	16QAM	8	0	20.49	20.64	20.58		
3	16QAM	8	4	20.65	20.58	20.66	22	2
3	16QAM	8	7	20.51	20.51	20.42		
3	16QAM	15	0	20.73	20.75	20.63		
3	64QAM	1	0	20.64	20.58	20.57		
3	64QAM	1	8	20.54	20.50	20.64	22	2
3	64QAM	1	14	20.64	20.62	20.37		
3	64QAM	8	0	19.66	19.49	19.61		
3	64QAM	8	4	19.61	19.70	19.69	21	3
3	64QAM	8	7	19.55	19.65	19.78		
3	64QAM	15	0	19.55	19.63	19.59		
3	256QAM	1	0	17.60	17.66	17.59		
3	256QAM	1	8	17.60	17.65	17.55	19	5
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66		
3	256QAM	8	4	17.61	17.83	17.67	19	5
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131978	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.85	22.82		
1.4	QPSK	1	3	22.56	22.58	22.57		
1.4	QPSK	1	5	22.74	22.67	22.55	24	0
1.4	QPSK	3	0	22.69	22.80	22.70		
1.4	QPSK	3	1	22.58	22.61	22.59		
1.4	QPSK	3	3	22.61	22.68	22.70		
1.4	QPSK	6	0	21.66	21.86	21.55	23	1
1.4	16QAM	1	0	21.79	21.72	21.71		
1.4	16QAM	1	3	21.59	21.55	21.35		
1.4	16QAM	1	5	21.54	21.73	21.57	23	1
1.4	16QAM	3	0	21.44	21.69	21.56		
1.4	16QAM	3	1	21.54	21.78	21.72		
1.4	16QAM	3	3	21.56	21.75	21.50		
1.4	16QAM	6	0	20.76	20.80	20.60	22	2
1.4	64QAM	1	0	20.75	20.56	20.62		
1.4	64QAM	1	3	20.50	20.59	20.43		
1.4	64QAM	1	5	20.73	20.64	20.71	22	2
1.4	64QAM	3	0	20.69	20.76	20.71		
1.4	64QAM	3	1	20.48	20.60	20.49		
1.4	64QAM	3	3	20.62	20.66	20.26		
1.4	64QAM	6	0	19.60	19.64	19.28	21	3
1.4	256QAM	1	0	17.55	17.58	17.56		
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61	19	5
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89		
20	QPSK	1	49	22.62	22.64	22.77	24	0
20	QPSK	1	99	22.75	22.68	22.83		
20	QPSK	50	0	21.79	21.87	21.62		
20	QPSK	50	24	21.81	21.75	21.81	23	1
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68		
20	16QAM	1	49	21.70	21.78	21.65	23	1
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62		
20	16QAM	50	24	20.93	20.72	20.85	22	2
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64QA

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BW [MHz]	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	22.90	22.95	22.82	24	0
20	QPSK	1	49	22.59	22.61	22.61		
20	QPSK	1	99	22.60	22.49	22.58		
20	QPSK	50	0	21.45	21.56	21.40	23	1
20	QPSK	50	24	21.17	21.35	21.32		
20	QPSK	50	50	21.30	21.50	21.43		
20	QPSK	100	0	21.35	21.54	21.44		
20	16QAM	1	0	21.64	21.69	21.61	23	1
20	16QAM	1	49	21.52	21.70	21.56		
20	16QAM	1	99	21.39	21.53	21.51		
20	16QAM	50	0	20.37	20.53	20.52	22	2
20	16QAM	50	24	20.25	20.39	20.25		
20	16QAM	50	50	20.39	20.43	20.27		
20	16QAM	100	0	20.35	20.43	20.41		
20	64QAM	1	0	20.55	20.68	20.64	22	2
20	64QAM	1	49	20.54	20.63	20.61		
20	64QAM	1	99	20.31	20.43	20.32		
20	64QAM	50	0	19.39	19.48	19.45	21	3
20	64QAM	50	24	19.23	19.38	19.33		
20	64QAM	50	50	19.39	19.41	19.22		
20	64QAM	100	0	19.19	19.29	19.21		
20	256QAM	1	0	17.69	17.82	17.75	19	5
20	256QAM	1	49	17.52	17.60	17.56		
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40	19	5
20	256QAM	50	24	17.19	17.38	17.32		
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.82	22.85	22.70	24	0
15	QPSK	1	37	22.54	22.60	22.42		
15	QPSK	1	74	22.59	22.36	22.46		
15	QPSK	36	0	21.31	21.47	21.28	23	1
15	QPSK	36	20	21.11	21.17	21.13		
15	QPSK	36	39	21.20	21.35	21.41		
15	QPSK	75	0	21.16	21.36	21.43		
15	16QAM	1	0	21.61	21.63	21.60	23	1
15	16QAM	1	37	21.44	21.68	21.43		
15	16QAM	1	74	21.33	21.52	21.42		
15	16QAM	36	0	20.17	20.46	20.40	22	2
15	16QAM	36	20	20.15	20.27	20.05		
15	16QAM	36	39	20.25	20.40	20.08		
15	16QAM	75	0	20.24	20.41	20.37		
15	64QAM	1	0	20.49	20.57	20.52	22	2
15	64QAM	1	37	20.36	20.54	20.48		
15	64QAM	1	74	20.31	20.28	20.20		
15	64QAM	36	0	19.24	19.34	19.27	21	3
15	64QAM	36	20	19.06	19.36	19.32		
15	64QAM	36	39	19.36	19.37	19.19		
15	64QAM	75	0	19.03	19.21	19.08		
15	256QAM	1	0	17.65	17.75	17.65	19	5
15	256QAM	1	37	17.43	17.48	17.48		
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33	19	5
15	256QAM	36	20	17.01	17.18	17.26		
15	256QAM	36	39	17.11	17.17	17.15		
15	256QAM	75	0	17.22	17.28	17.11		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.81	22.83	22.72	24	0
10	QPSK	1	25	22.48	22.46	22.60		
10	QPSK	1	49	22.55	22.43	22.56		
10	QPSK	25	0	21.29	21.50	21.28	23	1
10	QPSK	25	12	21.05	21.16	21.28		
10	QPSK	25	25	21.11	21.44	21.33		
10	QPSK	50	0	21.17	21.42	21.33		
10	16QAM	1	0	21.47	21.64	21.50	23	1
10	16QAM	1	25	21.36	21.61	21.50		
10	16QAM	1	49	21.26	21.47	21.42		
10	16QAM	25	0	20.20	20.37	20.49	22	2
10	16QAM	25	12	20.07	20.22	20.12		
10	16QAM	25	25	20.38	20.32	20.12		
10	16QAM	50	0	20.27	20.23	20.33		
10	64QAM	1	0	20.40	20.49	20.59	22	2
10	64QAM	1	25	20.39	20.52	20.55		
10	64QAM	1	49	20.16	20.27	20.21		
10	64QAM	25	0	19.37	19.40	19.28	21	3
10	64QAM	25	12	19.19	19.37	19.26		
10	64QAM	25	25	19.26	19.27	19.20		
10	64QAM	50	0	19.18	19.22	19.08		
10	256QAM	1	0	17.50	17.72	17.56	19	5
10	256QAM	1	25	17.32	17.57	17.40		
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24	19	5
10	256QAM	25	12	17.00	17.24	17.19		
10	256QAM	25	25	17.11	17.24	17.18		
10	256QAM	50	0	17.04	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.73	22.76	22.70	24	0
5	QPSK	1	12	22.59	22.48	22.47		
5	QPSK	1	24	22.59	22.35	22.54		
5	QPSK	12	0	21.36	21.43	21.26	23	1
5	QPSK	12	7	21.07	21.19	21.16		
5	QPSK	12	13	21.26	21.46	21.39		
5	QPSK	25	0	21.22	21.47	21.43		
5	16QAM	1	0	21.57	21.51	21.50	23	1
5	16QAM	1	12	21.35	21.62	21.56		
5	16QAM	1	24	21.34	21.52	21.48		
5	16QAM	12	0	20.37	20.43	20.42	22	2
5	16QAM	12	7	20.15	20.33	20.09		
5	16QAM	12	13	20.32	20.30	20.08		
5	16QAM	25	0	20.16	20.34	20.22		
5	64QAM	1	0	20.47	20.49	20.50	22	2
5	64QAM	1	12	20.40	20.52	20.53		
5	64QAM	1	24	20.29	20.42	20.25		
5	64QAM	12	0	19.32	19.42	19.27	21	3
5	64QAM	12	7	19.05	19.30	19.30		
5	64QAM	12	13	19.32	19.33	19.19		
5	64QAM	25	0	19.11	19.10	19.03		
5	256QAM	1	0	17.66	17.69	17.74	19	5
5	256QAM	1	12	17.34	17.58	17.43		
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20	19	5
5	256QAM	12	7	17.09	17.27	17.29		
5	256QAM	12	13	17.17	17.22	17.07		
5	256QAM	25	0	17.10	17.40	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.00		24	0
10	QPSK	1	25		22.65			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.59		23	1
10	QPSK	25	12		21.41			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.50			
10	16QAM	1	0		21.73		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.53			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.37			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.61		22	2
10	64QAM	1	25		20.64			
10	64QAM	1	49		20.48			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.32			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.35			
10	256QAM	1	0		17.75		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.54			
10	256QAM	25	0		17.52		19	5
10	256QAM	25	12		17.40			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.41			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.86	22.84	22.77	24	0
5	QPSK	1	12	22.51	22.48	22.42		
5	QPSK	1	24	22.38	22.36	22.49		
5	QPSK	12	0	21.36	21.50	21.35	23	1
5	QPSK	12	7	21.02	21.25	21.31		
5	QPSK	12	13	21.27	21.34	21.41		
5	QPSK	25	0	21.23	21.38	21.33		
5	16QAM	1	0	21.51	21.64	21.50	23	1
5	16QAM	1	12	21.43	21.59	21.41		
5	16QAM	1	24	21.30	21.47	21.45		
5	16QAM	12	0	20.23	20.44	20.32	22	2
5	16QAM	12	7	20.20	20.27	20.17		
5	16QAM	12	13	20.24	20.27	20.05		
5	16QAM	25	0	20.14	20.34	20.34		
5	64QAM	1	0	20.35	20.47	20.56	22	2
5	64QAM	1	12	20.55	20.51	20.54		
5	64QAM	1	24	20.26	20.38	20.18		
5	64QAM	12	0	19.19	19.35	19.35	21	3
5	64QAM	12	7	19.09	19.21	19.20		
5	64QAM	12	13	19.20	19.29	19.22		
5	64QAM	25	0	19.17	19.22	19.12		
5	256QAM	1	0	17.58	17.68	17.64	19	5
5	256QAM	1	12	17.43	17.57	17.54		
5	256QAM	1	24	17.56	17.48	17.52		
5	256QAM	12	0	17.27	17.39	17.24	19	5
5	256QAM	12	7	17.58	17.32	17.53		
5	256QAM	12	13	17.14	17.29	17.12		
5	256QAM	25	0	17.07	17.35	17.19		

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BW [MHz]	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	22.86	22.94	22.91		
20	QPSK	1	49	22.56	22.68	22.58	24	0
20	QPSK	1	99	22.71	22.78	22.62		
20	QPSK	50	0	21.68	21.84	21.65		
20	QPSK	50	24	21.57	21.60	21.63	23	1
20	QPSK	50	50	21.51	21.68	21.54		
20	QPSK	100	0	21.75	21.82	21.71		
20	16QAM	1	0	21.70	21.67	21.65		
20	16QAM	1	49	21.55	21.65	21.62	23	1
20	16QAM	1	99	21.48	21.61	21.51		
20	16QAM	50	0	20.71	20.74	20.66		
20	16QAM	50	24	20.53	20.61	20.53	22	2
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56		
20	64QAM	1	49	20.44	20.47	20.50	22	2
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67		
20	64QAM	50	24	19.69	19.71	19.62	21	3
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60		
20	256QAM	1	49	17.56	17.66	17.63	19	5
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67		
20	256QAM	50	24	17.60	17.81	17.58	19	5
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.79	22.88	22.78		
15	QPSK	1	37	22.50	22.62	22.47	24	0
15	QPSK	1	74	22.59	22.73	22.55		
15	QPSK	36	0	21.58	21.75	21.52		
15	QPSK	36	20	21.41	21.52	21.47	23	1
15	QPSK	36	39	21.47	21.62	21.44		
15	QPSK	75	0	21.60	21.72	21.65		
15	16QAM	1	0	21.54	21.55	21.52		
15	16QAM	1	37	21.43	21.48	21.51	23	1
15	16QAM	1	74	21.40	21.49	21.44		
15	16QAM	36	0	20.56	20.66	20.51		
15	16QAM	36	20	20.39	20.50	20.48	22	2
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44		
15	64QAM	1	37	20.40	20.41	20.38	22	2
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61		
15	64QAM	36	20	19.55	19.62	19.54	21	3
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51		
15	256QAM	1	37	17.39	17.52	17.52	19	5
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62		
15	256QAM	36	20	17.56	17.65	17.47	19	5
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.79	22.82	22.87		
10	QPSK	1	25	22.48	22.57	22.42	24	0
10	QPSK	1	49	22.62	22.64	22.55		
10	QPSK	25	0	21.62	21.72	21.57		
10	QPSK	25	12	21.44	21.51	21.53	23	1
10	QPSK	25	25	21.45	21.63	21.46		
10	QPSK	50	0	21.61	21.78	21.64		
10	16QAM	1	0	21.61	21.58	21.49		
10	16QAM	1	25	21.51	21.54	21.50	23	1
10	16QAM	1	49	21.34	21.54	21.35		
10	16QAM	25	0	20.56	20.59	20.50		
10	16QAM	25	12	20.37	20.52	20.37	22	2
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52		
10	64QAM	1	25	20.38	20.32	20.43	22	2
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58		
10	64QAM	25	12	19.55	19.54	19.58	21	3
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45		
10	256QAM	1	25	17.50	17.55	17.53	19	5
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60		
10	256QAM	25	12	17.48	17.77	17.43	19	5
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.80	22.79	22.77		
5	QPSK	1	12	22.42	22.59	22.52	24	0
5	QPSK	1	24	22.67	22.65	22.57		
5	QPSK	12	0	21.63	21.71	21.54		
5	QPSK	12	7	21.47	21.55	21.58	23	1
5	QPSK	12	13	21.45	21.55	21.44		
5	QPSK	25	0	21.70	21.73	21.62		
5	16QAM	1	0	21.60	21.54	21.48		
5	16QAM	1	12	21.42	21.58	21.49	23	1
5	16QAM	1	24	21.37	21.56	21.41		
5	16QAM	12	0	20.65	20.64	20.54		
5	16QAM	12	7	20.40	20.51	20.41	22	2
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43		
5	64QAM	1	12	20.32	20.36	20.43	22	2
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59		
5	64QAM	12	7	19.64	19.60	19.48	21	3
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51		
5	256QAM	1	12	17.49	17.50	17.49	19	5
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51		
5	256QAM	12	7	17.43	17.76	17.45	19	5
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

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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	22.87	22.85	22.97	22.91	22.90		
20	QPSK	1	49	22.64	22.60	22.57	22.62	22.54	24	0
20	QPSK	1	99	22.65	22.65	22.77	22.81	22.62		
20	QPSK	50	0	21.64	21.61	21.81	21.77	21.72		
20	QPSK	50	24	21.57	21.67	21.61	21.59	21.66	23	1
20	QPSK	50	50	21.53	21.58	21.52	21.73	21.50		
20	QPSK	100	0	21.66	21.78	21.80	21.77	21.67		
20	16QAM	1	0	21.71	21.59	21.69	21.60	21.64		
20	16QAM	1	49	21.67	21.59	21.60	21.69	21.55	23	1
20	16QAM	1	99	21.55	21.52	21.44	21.63	21.56		
20	16QAM	50	0	20.67	20.63	20.77	20.81	20.69		
20	16QAM	50	24	20.59	20.56	20.46	20.58	20.57	22	2
20	16QAM	50	50	20.63	20.65	20.47	20.64	20.55		
20	16QAM	100	0	20.46	20.51	20.62	20.71	20.52		
20	64QAM	1	0	20.52	20.54	20.65	20.61	20.57		
20	64QAM	1	49	20.51	20.49	20.45	20.52	20.47	22	2
20	64QAM	1	99	20.47	20.49	20.48	20.54	20.53		
20	64QAM	50	0	19.63	19.62	19.75	19.78	19.70		
20	64QAM	50	24	19.64	19.68	19.69	19.78	19.60	21	3
20	64QAM	50	50	19.49	19.57	19.57	19.71	19.53		
20	64QAM	100	0	19.57	19.52	19.49	19.71	19.64		
20	256QAM	1	0	17.58	17.63	17.62	17.73	17.62		
20	256QAM	1	49	17.64	17.61	17.53	17.73	17.68	19	5
20	256QAM	1	99	17.55	17.63	17.61	17.72	17.55		
20	256QAM	50	0	17.65	17.67	17.66	17.74	17.64		
20	256QAM	50	24	17.57	17.57	17.56	17.88	17.52	19	5
20	256QAM	50	50	17.47	17.58	17.47	17.69	17.52		
20	256QAM	100	0	17.66	17.58	17.62	17.76	17.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.83	22.76	22.81	22.80	22.84		
15	QPSK	1	37	22.50	22.55	22.54	22.46	22.46	24	0
15	QPSK	1	74	22.53	22.61	22.62	22.76	22.50		
15	QPSK	36	0	21.57	21.55	21.70	21.71	21.64		
15	QPSK	36	20	21.44	21.54	21.45	21.48	21.59	23	1
15	QPSK	36	39	21.43	21.54	21.43	21.62	21.42		
15	QPSK	75	0	21.56	21.75	21.67	21.65	21.61		
15	16QAM	1	0	21.62	21.45	21.61	21.51	21.49		
15	16QAM	1	37	21.57	21.50	21.55	21.63	21.49	23	1
15	16QAM	1	74	21.51	21.45	21.34	21.50	21.41		
15	16QAM	36	0	20.54	20.51	20.64	20.74	20.63		
15	16QAM	36	20	20.56	20.51	20.41	20.49	20.43	22	2
15	16QAM	36	39	20.46	20.61	20.41	20.58	20.44		
15	16QAM	75	0	20.39	20.44	20.57	20.67	20.46		
15	64QAM	1	0	20.40	20.45	20.58	20.55	20.50		
15	64QAM	1	37	20.36	20.32	20.38	20.43	20.36	22	2
15	64QAM	1	74	20.37	20.45	20.33	20.42	20.44		
15	64QAM	36	0	19.48	19.46	19.59	19.70	19.60		
15	64QAM	36	20	19.48	19.59	19.52	19.67	19.51	21	3
15	64QAM	36	39	19.46	19.48	19.41	19.58	19.48		
15	64QAM	75	0	19.54	19.36	19.45	19.60	19.52		
15	256QAM	1	0	17.48	17.56	17.59	17.62	17.49		
15	256QAM	1	37	17.56	17.55	17.38	17.56	17.54	19	5
15	256QAM	1	74	17.48	17.55	17.44	17.60	17.49		
15	256QAM	36	0	17.58	17.52	17.52	17.59	17.53		
15	256QAM	36	20	17.47	17.47	17.50	17.72	17.37	19	5
15	256QAM	36	39	17.36	17.51	17.42	17.63	17.39		
15	256QAM	75	0	17.62	17.53	17.49	17.62	17.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.82	22.76	22.82	22.86	22.77		
10	QPSK	1	25	22.55	22.56	22.40	22.46	22.48	24	0
10	QPSK	1	49	22.50	22.49	22.71	22.72	22.51		
10	QPSK	25	0	21.60	21.52	21.73	21.65	21.66		
10	QPSK	25	12	21.50	21.64	21.44	21.51	21.55	23	1
10	QPSK	25	25	21.47	21.52	21.39	21.67	21.37		
10	QPSK	50	0	21.49	21.69	21.66	21.66	21.51		
10	16QAM	1	0	21.54	21.48	21.58	21.56	21.54		
10	16QAM	1	25	21.62	21.46	21.46	21.65	21.49	23	1
10	16QAM	1	49	21.48	21.44	21.29	21.49	21.39		
10	16QAM	25	0	20.63	20.47	20.71	20.75	20.63		
10	16QAM	25	12	20.53	20.42	20.38	20.54	20.42	22	2
10	16QAM	25	25	20.48	20.61	20.36	20.55	20.40		
10	16QAM	50	0	20.32	20.38	20.58	20.60	20.37		
10	64QAM	1	0	20.44	20.41	20.55	20.48	20.46		
10	64QAM	1	25	20.47	20.43	20.42	20.49	20.40	22	2
10	64QAM	1	49	20.40	20.35	20.33	20.43	20.37		
10	64QAM	25	0	19.53	19.49	19.67	19.74	19.57		
10	64QAM	25	12	19.48	19.54	19.64	19.62	19.51	21	3
10	64QAM	25	25	19.39	19.40	19.40	19.56	19.43		
10	64QAM	50	0	19.43	19.40	19.42	19.58	19.48		
10	256QAM	1	0	17.52	17.55	17.50	17.58	17.48		
10	256QAM	1	25	17.50	17.52	17.50	17.61	17.56	19	5
10	256QAM	1	49	17.43	17.53	17.51	17.64	17.45		
10	256QAM	25	0	17.51	17.53	17.52	17.63	17.60		
10	256QAM	25	12	17.53	17.50	17.40	17.79	17.39	19	5
10	256QAM	25	25	17.43	17.54	17.37	17.61	17.45		
10	256QAM	50	0	17.57	17.49	17.47	17.59	17.61		
Channel				39675	40145	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.81	22.69	22.93	22.78	22.74		
5	QPSK	1	12	22.57	22.52	22.53	22.48	22.46	24	0
5	QPSK	1	24	22.61	22.58	22.66	22.70	22.47		
5	QPSK	12	0	21.50	21.52	21.73	21.65	21.64		
5	QPSK	12	7	21.53	21.51	21.53	21.44	21.53	23	1
5	QPSK	12	13	21.49	21.46	21.38	21.60	21.38		
5	QPSK	25	0	21.61	21.74	21.67	21.64	21.55		
5	16QAM	1	0	21.62	21.55	21.54	21.49	21.57		
5	16QAM	1	12	21.52	21.56	21.48	21.61	21.42	23	1
5	16QAM	1	24	21.52	21.37	21.27	21.52	21.40		
5	16QAM	12	0	20.51	20.56	20.63	20.73	20.61		
5	16QAM	12	7	20.44	20.50	20.32	20.42	20.49	22	2
5	16QAM	12	13	20.46	20.49	20.35	20.59	20.45		
5	16QAM	25	0	20.42	20.35	20.58	20.55	20.42		
5	64QAM	1	0	20.45	20.41	20.50	20.46	20.51		
5	64QAM	1	12	20.37	20.45	20.41	20.46	20.33	22	2
5	64QAM	1	24	20.32	20.40	20.39	20.41	20.39		
5	64QAM	12	0	19.53	19.51	19.69	19.64	19.55		
5	64QAM	12	7	19.51	19.63	19.62	19.73	19.43	21	3
5	64QAM	12	13	19.39	19.53	19.48	19.55	19.38		
5	64QAM	25	0	19.40	19.49	19.39	19.60	19.50		
5	256QAM	1	0	17.55	17.47	17.57	17.65	17.50		
5	256QAM	1	12	17.60	17.56	17.41	17.61	17.61	19	5
5	256QAM	1	24	17.48	17.47	17.49	17.60	17.41		
5	256QAM	12	0	17.58	17.54	17.54	17.59	17.50		
5	256QAM	12	7	17.45	17.48	17.53	17.78	17.43	19	5
5	256QAM	12	13	17.35	17.47	17.31	17.59	17.42		
5	256QAM	25	0	17.58	17.49	17.50	17.61	17.57		

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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	25.68	25.73	25.85	25.76	25.82	27	0
20	QPSK	1	49	25.71	25.71	25.79	25.74	25.64		
20	QPSK	1	99	25.73	25.81	25.81	25.77	25.77		
20	QPSK	50	0	24.64	24.73	24.77	24.65	24.67	26	1
20	QPSK	50	24	24.58	24.59	24.66	24.53	24.67		
20	QPSK	50	50	24.52	24.61	24.63	24.51	24.66		
20	QPSK	100	0	24.65	24.67	24.71	24.66	24.61		
20	16QAM	1	0	24.99	24.94	25.01	24.86	24.98	26	1
20	16QAM	1	49	24.82	24.96	24.93	24.86	24.90		
20	16QAM	1	99	24.91	24.75	24.87	24.73	24.75		
20	16QAM	50	0	23.65	23.58	23.73	23.63	23.73	25	2
20	16QAM	50	24	23.69	23.62	23.76	23.71	23.63		
20	16QAM	50	50	23.73	23.60	23.71	23.68	23.67		
20	16QAM	100	0	23.61	23.72	23.73	23.67	23.71		
20	64QAM	1	0	23.60	23.73	23.68	23.58	23.70	25	2
20	64QAM	1	49	23.50	23.60	23.59	23.61	23.59		
20	64QAM	1	99	23.72	23.74	23.74	23.71	23.63		
20	64QAM	50	0	22.36	22.30	22.36	22.40	22.38	24	3
20	64QAM	50	24	22.20	22.19	22.27	22.14	22.28		
20	64QAM	50	50	22.46	22.45	22.43	22.30	22.36		
20	64QAM	100	0	22.40	22.38	22.48	22.38	22.42		
20	256QAM	1	0	20.71	20.60	20.68	20.65	20.59	22	5
20	256QAM	1	49	20.73	20.70	20.81	20.69	20.74		
20	256QAM	1	99	20.71	20.67	20.75	20.73	20.68		
20	256QAM	50	0	20.68	20.78	20.81	20.78	20.71	22	5
20	256QAM	50	24	20.66	20.60	20.73	20.75	20.77		
20	256QAM	50	50	20.59	20.67	20.68	20.68	20.64		
20	256QAM	100	0	20.77	20.66	20.78	20.66	20.64		
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	25.53	25.62	25.72	25.71	25.74	27	0
15	QPSK	1	37	25.52	25.57	25.72	25.60	25.48		
15	QPSK	1	74	25.63	25.69	25.80	25.63	25.59		
15	QPSK	36	0	24.57	24.59	24.77	24.53	24.61	26	1
15	QPSK	36	20	24.40	24.47	24.65	24.37	24.57		
15	QPSK	36	39	24.48	24.58	24.61	24.46	24.64		
15	QPSK	75	0	24.46	24.50	24.71	24.62	24.46		
15	16QAM	1	0	24.84	24.80	24.96	24.77	24.89	26	1
15	16QAM	1	37	24.65	24.87	24.82	24.82	24.82		
15	16QAM	1	74	24.78	24.60	24.75	24.61	24.65		
15	16QAM	36	0	23.57	23.52	23.58	23.56	23.64	25	2
15	16QAM	36	20	23.57	23.50	23.64	23.63	23.48		
15	16QAM	36	39	23.60	23.45	23.67	23.51	23.49		
15	16QAM	75	0	23.52	23.70	23.70	23.53	23.59		
15	64QAM	1	0	23.45	23.73	23.52	23.56	23.69	25	2
15	64QAM	1	37	23.40	23.56	23.52	23.56	23.56		
15	64QAM	1	74	23.54	23.68	23.62	23.54	23.48		
15	64QAM	36	0	22.27	22.16	22.28	22.23	22.23	24	3
15	64QAM	36	20	22.08	22.02	22.20	22.26	22.24		
15	64QAM	36	39	22.30	22.34	22.43	22.14	22.27		
15	64QAM	75	0	22.25	22.37	22.32	22.31	22.38		
15	256QAM	1	0	20.61	20.48	20.64	20.56	20.40	22	5
15	256QAM	1	37	20.69	20.66	20.76	20.55	20.55		
15	256QAM	1	74	20.70	20.60	20.68	20.72	20.53		
15	256QAM	36	0	20.52	20.63	20.63	20.70	20.62	22	5
15	256QAM	36	20	20.52	20.52	20.61	20.70	20.67		
15	256QAM	36	39	20.51	20.61	20.52	20.49	20.50		
15	256QAM	75	0	20.71	20.47	20.69	20.47	20.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.65	25.61	25.71	25.68	25.63	27	0
10	QPSK	1	25	25.66	25.57	25.75	25.56	25.63		
10	QPSK	1	49	25.63	25.71	25.76	25.73	25.63		
10	QPSK	25	0	24.57	24.61	24.76	24.59	24.57	26	1
10	QPSK	25	12	24.53	24.52	24.51	24.41	24.55		
10	QPSK	25	25	24.47	24.50	24.44	24.45	24.59		
10	QPSK	50	0	24.65	24.67	24.56	24.56	24.44		
10	16QAM	1	0	24.92	24.83	24.86	24.70	24.94	26	1
10	16QAM	1	25	24.78	24.79	24.83	24.73	24.80		
10	16QAM	1	49	24.83	24.61	24.82	24.62	24.67		
10	16QAM	25	0	23.45	23.38	23.68	23.46	23.67	25	2
10	16QAM	25	12	23.61	23.43	23.75	23.58	23.45		
10	16QAM	25	25	23.68	23.54	23.57	23.60	23.62		
10	16QAM	50	0	23.56	23.56	23.60	23.53	23.59		
10	64QAM	1	0	23.54	23.72	23.63	23.44	23.67	25	2
10	64QAM	1	25	23.40	23.58	23.50	23.41	23.39		
10	64QAM	1	49	23.68	23.57	23.56	23.57	23.57		
10	64QAM	25	0	22.27	22.29	22.35	22.34	22.20	24	3
10	64QAM	25	12	22.14	22.05	22.16	22.13	22.28		
10	64QAM	25	25	22.40	22.36	22.38	22.10	22.20		
10	64QAM	50	0	22.30	22.27	22.29	22.35	22.41		
10	256QAM	1	0	20.54	20.41	20.64	20.53	20.53	22	5
10	256QAM	1	25	20.57	20.66	20.62	20.56	20.57		
10	256QAM	1	49	20.61	20.54	20.64	20.67	20.49		
10	256QAM	25	0	20.67	20.73	20.68	20.71	20.67	22	5
10	256QAM	25	12	20.55	20.57	20.66	20.72	20.59		
10	256QAM	25	25	20.43	20.51	20.61	20.50	20.63		
10	256QAM	50	0	20.65	20.56	20.77	20.50	20.62		
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	25.57	25.59	25.76	25.69	25.76	27	0
5	QPSK	1	12	25.53	25.57	25.65	25.62	25.54		
5	QPSK	1	24	25.68	25.73	25.67	25.58	25.67		
5	QPSK	12	0	24.58	24.62	24.67	24.56	24.57	26	1
5	QPSK	12	7	24.42	24.55	24.65	24.39	24.56		
5	QPSK	12	13	24.34	24.49	24.58	24.31	24.53		
5	QPSK	25	0	24.46	24.66	24.61	24.46	24.55		
5	16QAM	1	0	24.95	24.85	24.97	24.82	24.93	26	1
5	16QAM	1	12	24.69	24.84	24.87	24.82	24.71		
5	16QAM	1	24	24.78	24.72	24.72	24.57	24.74		
5	16QAM	12	0	23.61	23.49	23.54	23.56	23.67	25	2
5	16QAM	12	7	23.66	23.53	23.58	23.53	23.52		
5	16QAM	12	13	23.53	23.50	23.57	23.51	23.58		
5	16QAM	25	0	23.54	23.63	23.70	23.60	23.71		
5	64QAM	1	0	23.48	23.60	23.60	23.55	23.64	25	2
5	64QAM	1	12	23.41	23.53	23.57	23.42	23.41		
5	64QAM	1	24	23.69	23.65	23.70	23.62	23.62		
5	64QAM	12	0	22.20	22.14	22.17	22.40	22.25	24	3
5	64QAM	12	7	22.03	22.10	22.17	22.00	22.19		
5	64QAM	12	13	22.35	22.26	22.26	22.13	22.23		
5	64QAM	25	0	22.28	22.28	22.40	22.29	22.42		
5	256QAM	1	0	20.57	20.45	20.55	20.57	20.43	22	5
5	256QAM	1	12	20.73	20.53	20.68	20.50	20.66		
5	256QAM	1	24	20.53	20.56	20.69	20.61	20.55		
5	256QAM	12	0	20.58	20.71	20.69	20.73	20.65	22	5
5	256QAM	12	7	20.60	20.45	20.59	20.59	20.69		
5	256QAM	12	13	20.44	20.66	20.60	20.65	20.62		
5	256QAM	25	0	20.68	20.63	20.75	20.64	20.50		

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.11	21.17	21.15	22	0
20	QPSK	1	49	20.85	20.85	21.04		
20	QPSK	1	99	20.81	20.75	20.87		
20	QPSK	50	0	19.83	20.07	19.76	21	1
20	QPSK	50	24	19.97	20.05	20.01		
20	QPSK	50	50	19.94	19.95	20.03		
20	QPSK	100	0	19.81	19.88	19.80		
20	16QAM	1	0	19.66	19.83	19.69	21	1
20	16QAM	1	49	19.66	19.66	19.49		
20	16QAM	1	99	19.68	19.83	19.77		
20	16QAM	50	0	19.87	19.95	19.82	20	2
20	16QAM	50	24	18.70	18.61	18.74		
20	16QAM	50	50	18.65	18.79	18.70		
20	16QAM	100	0	18.68	18.68	18.78		
20	64QAM	1	0	19.18	19.08	19.36	20	2
20	64QAM	1	49	19.03	18.90	19.03		
20	64QAM	1	99	18.91	18.83	19.05		
20	64QAM	50	0	17.86	17.87	17.84	19	3
20	64QAM	50	24	17.85	17.70	17.74		
20	64QAM	50	50	17.91	17.83	17.78		
20	64QAM	100	0	17.84	17.85	17.93		
20	256QAM	1	0	16.22	16.20	16.18	17	5
20	256QAM	1	49	16.21	16.08	16.15		
20	256QAM	1	99	16.02	16.12	16.11		
20	256QAM	50	0	16.22	16.02	16.23	17	5
20	256QAM	50	24	16.16	16.03	16.04		
20	256QAM	50	50	15.93	15.93	15.99		
20	256QAM	100	0	16.13	16.09	16.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.12	21.13	21.16	22	0
15	QPSK	1	37	20.83	20.86	20.96		
15	QPSK	1	74	20.86	20.87	20.87		
15	QPSK	36	0	19.81	20.09	19.94	21	1
15	QPSK	36	20	20.01	19.93	19.84		
15	QPSK	36	39	19.88	19.85	19.86		
15	QPSK	75	0	19.83	19.98	19.88		
15	16QAM	1	0	19.66	19.88	19.82	21	1
15	16QAM	1	37	19.70	19.66	19.60		
15	16QAM	1	74	19.70	19.67	19.79		
15	16QAM	36	0	18.82	18.76	18.85	20	2
15	16QAM	36	20	18.80	18.73	18.64		
15	16QAM	36	39	18.85	18.63	18.58		
15	16QAM	75	0	18.68	18.72	18.72		
15	64QAM	1	0	19.23	19.13	19.32	20	2
15	64QAM	1	37	19.08	18.91	18.89		
15	64QAM	1	74	18.85	18.85	18.87		
15	64QAM	36	0	17.89	17.94	17.84	19	3
15	64QAM	36	20	17.68	17.75	17.82		
15	64QAM	36	39	17.78	17.75	17.94		
15	64QAM	75	0	17.84	17.93	17.91		
15	256QAM	1	0	16.31	16.31	16.16	17	5
15	256QAM	1	37	16.20	16.22	16.07		
15	256QAM	1	74	15.98	16.06	16.07		
15	256QAM	36	0	16.09	16.05	16.13	17	5
15	256QAM	36	20	16.20	16.05	15.96		
15	256QAM	36	39	16.00	16.03	15.88		
15	256QAM	75	0	16.02	16.02	16.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.13	21.10	21.16	22	0
10	QPSK	1	25	20.96	20.96	21.02		
10	QPSK	1	49	20.79	20.88	20.90		
10	QPSK	25	0	19.80	20.03	19.95	21	1
10	QPSK	25	12	20.04	20.07	19.83		
10	QPSK	25	25	20.02	19.96	19.90		
10	QPSK	50	0	19.90	19.85	19.93		
10	16QAM	1	0	19.63	19.71	19.67	21	1
10	16QAM	1	25	19.70	19.68	19.58		
10	16QAM	1	49	19.79	19.74	19.75		
10	16QAM	25	0	18.89	18.92	18.76	20	2
10	16QAM	25	12	18.73	18.72	18.61		
10	16QAM	25	25	18.75	18.81	18.55		
10	16QAM	50	0	18.82	18.85	18.82		
10	64QAM	1	0	19.20	19.16	19.29	20	2
10	64QAM	1	25	19.09	18.84	19.07		
10	64QAM	1	49	19.99	18.86	18.90		
10	64QAM	25	0	17.84	17.91	17.93	19	3
10	64QAM	25	12	17.64	17.62	17.64		
10	64QAM	25	25	17.81	17.78	17.88		
10	64QAM	50	0	17.84	17.92	17.96		
10	256QAM	1	0	16.16	16.27	16.13	17	5
10	256QAM	1	25	16.14	16.25	16.05		
10	256QAM	1	49	16.02	16.00	16.10		
10	256QAM	25	0	16.07	16.19	16.13	17	5
10	256QAM	25	12	15.91	16.05	15.93		
10	256QAM	25	25	16.01	16.05	15.99		
10	256QAM	50	0	16.16	16.03	16.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.15	21.11	21.11	22	0
5	QPSK	1	12	21.02	20.82	20.91		
5	QPSK	1	24	20.78	20.75	21.01		
5	QPSK	12	0	19.81	19.94	19.79	21	1
5	QPSK	12	7	19.92	19.95	19.84		
5	QPSK	12	13	19.88	19.85	19.90		
5	QPSK	25	0	19.77	19.87	19.82		
5	16QAM	1	0	19.71	19.76	19.70	21	1
5	16QAM	1	12	19.66	19.71	19.62		
5	16QAM	1	24	19.76	19.78	19.70		
5	16QAM	12	0	18.76	18.84	18.88	20	2
5	16QAM	12	7	18.66	18.64	18.73		
5	16QAM	12	13	18.62	18.68	18.74		
5	16QAM	25	0	18.74	18.65	18.82		
5	64QAM	1	0	19.12	19.23	19.27	20	2
5	64QAM	1	12	19.04	19.01	19.01		
5	64QAM	1	24	19.00	19.06	18.94		
5	64QAM	12	0	18.00	17.85	17.87	19	3
5	64QAM	12	7	17.62	17.64	17.76		
5	64QAM	12	13	17.94	17.80	17.94		
5	64QAM	25	0	17.87	17.77	17.99		
5	256QAM	1	0	16.15	16.27	16.20	17	5
5	256QAM	1	12	16.25	16.18	15.97		
5	256QAM	1	24	16.07	16.00	16.09		
5	256QAM	12	0	16.16	16.23	16.05	17	5
5	256QAM	12	7	16.07	15.99	16.09		
5	256QAM	12	13	15.94	15.93	15.95		
5	256QAM	25	0	16.06	16.18	16.04		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.11	21.15	21.08	22	0
3	QPSK	1	8	21.03	20.83	20.88		
3	QPSK	1	14	20.93	20.73	20.89		
3	QPSK	8	0	19.85	20.03	19.93	21	1
3	QPSK	8	4	20.10	20.03	19.84		
3	QPSK	8	7	19.99	19.83	19.97		
3	QPSK	15	0	19.78	19.88	20.00		
3	16QAM	1	0	19.66	19.76	19.76	21	1
3	16QAM	1	8	19.69	19.74	19.49		
3	16QAM	1	14	19.69	19.75	19.73		
3	16QAM	8	0	18.76	18.89	18.85	20	2
3	16QAM	8	4	18.72	18.68	18.68		
3	16QAM	8	7	18.69	18.62	18.65		
3	16QAM	15	0	18.80	18.66	18.66		
3	64QAM	1	0	19.16	19.05	19.23	20	2
3	64QAM	1	8	19.00	18.97	19.04		
3	64QAM	1	14	18.98	18.91	18.87		
3	64QAM	8	0	17.95	17.89	17.92	19	3
3	64QAM	8	4	17.63	17.68	17.58		
3	64QAM	8	7	17.86	17.80	17.82		
3	64QAM	15	0	17.80	17.96	17.87		
3	256QAM	1	0	16.23	16.30	16.15	17	5
3	256QAM	1	8	16.24	16.11	16.00		
3	256QAM	1	14	16.03	16.08	15.98		
3	256QAM	8	0	16.12	16.12	16.17	17	5
3	256QAM	8	4	16.19	16.00	16.11		
3	256QAM	8	7	15.92	15.99	15.92		
3	256QAM	15	0	16.09	16.07	16.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.01	21.13	21.15	22	0
1.4	QPSK	1	3	20.98	20.86	20.88		
1.4	QPSK	1	5	20.84	20.68	20.98		
1.4	QPSK	3	0	21.16	21.13	21.10		
1.4	QPSK	3	1	20.85	20.95	20.97		
1.4	QPSK	3	3	20.88	20.70	20.91		
1.4	QPSK	6	0	19.84	20.08	19.81	21	1
1.4	16QAM	1	0	19.96	19.97	19.87	21	1
1.4	16QAM	1	3	19.94	19.92	19.94		
1.4	16QAM	1	5	19.77	19.83	19.91		
1.4	16QAM	3	0	19.91	19.97	19.87		
1.4	16QAM	3	1	19.88	19.83	19.93		
1.4	16QAM	3	3	19.87	19.84	19.86		
1.4	16QAM	6	0	18.80	18.73	18.88	20	2
1.4	64QAM	1	0	18.73	18.57	18.61	20	2
1.4	64QAM	1	3	18.64	18.66	18.58		
1.4	64QAM	1	5	18.64	18.69	18.72		
1.4	64QAM	3	0	19.16	19.12	19.20		
1.4	64QAM	3	1	19.02	18.90	18.94		
1.4	64QAM	3	3	18.82	19.00	19.00		
1.4	64QAM	6	0	17.84	17.77	17.94	19	3
1.4	256QAM	1	0	16.12	16.22	16.09	17	5
1.4	256QAM	1	3	15.93	15.96	16.05		
1.4	256QAM	1	5	16.03	16.12	16.09		
1.4	256QAM	3	0	16.01	15.97	16.11		
1.4	256QAM	3	1	15.87	15.90	15.82		
1.4	256QAM	3	3	15.98	16.12	16.07		
1.4	256QAM	6	0	15.94	16.09	16.09	17	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.83	21.86	21.85	22	0
20	QPSK	1	49	21.78	21.78	21.76		
20	QPSK	1	99	21.75	21.73	21.82		
20	QPSK	50	0	20.74	20.83	20.79	21	1
20	QPSK	50	24	20.76	20.66	20.76		
20	QPSK	50	50	20.76	20.67	20.66		
20	QPSK	100	0	20.76	20.81	20.71		
20	16QAM	1	0	20.91	20.91	20.69	21	1
20	16QAM	1	49	20.91	20.82	20.85		
20	16QAM	1	99	20.82	20.88	20.74		
20	16QAM	50	0	19.84	19.80	20.03	20	2
20	16QAM	50	24	19.77	19.79	19.79		
20	16QAM	50	50	19.64	19.74	19.65		
20	16QAM	100	0	19.71	19.68	19.82		
20	64QAM	1	0	19.81	19.88	19.73	20	2
20	64QAM	1	49	19.75	19.78	19.78		
20	64QAM	1	99	19.75	19.80	19.79		
20	64QAM	50	0	18.72	18.71	18.73	19	3
20	64QAM	50	24	18.67	18.74	18.80		
20	64QAM	50	50	18.73	18.73	18.76		
20	64QAM	100	0	18.72	18.77	18.59		
20	256QAM	1	0	16.73	16.72	16.82	17	5
20	256QAM	1	49	16.79	16.80	16.77		
20	256QAM	1	99	16.63	16.67	16.74		
20	256QAM	50	0	16.59	16.54	16.74	17	5
20	256QAM	50	24	16.70	16.56	16.58		
20	256QAM	50	50	16.52	16.56	16.53		
20	256QAM	100	0	16.60	16.71	16.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.64	21.74	21.70	22	0
15	QPSK	1	37	21.69	21.81	21.81		
15	QPSK	1	74	21.67	21.78	21.76		
15	QPSK	36	0	20.70	20.77	20.76	21	1
15	QPSK	36	20	20.71	20.76	20.66		
15	QPSK	36	39	20.81	20.71	20.78		
15	QPSK	75	0	20.64	20.74	20.69		
15	16QAM	1	0	20.83	20.90	20.82	21	1
15	16QAM	1	37	20.98	20.87	20.81		
15	16QAM	1	74	20.84	20.85	20.68		
15	16QAM	36	0	19.88	19.85	20.02	20	2
15	16QAM	36	20	19.89	19.74	19.82		
15	16QAM	36	39	19.74	19.87	19.55		
15	16QAM	75	0	19.73	19.79	19.81		
15	64QAM	1	0	19.73	19.89	19.72	20	2
15	64QAM	1	37	19.75	19.72	19.89		
15	64QAM	1	74	19.88	19.76	19.73		
15	64QAM	36	0	18.72	18.82	18.74	19	3
15	64QAM	36	20	18.72	18.74	18.84		
15	64QAM	36	39	18.77	18.81	18.66		
15	64QAM	75	0	18.67	18.71	18.58		
15	256QAM	1	0	16.72	16.75	16.91	17	5
15	256QAM	1	37	16.78	16.68	16.68		
15	256QAM	1	74	16.63	16.70	16.73		
15	256QAM	36	0	16.64	16.67	16.78	17	5
15	256QAM	36	20	16.59	16.65	16.57		
15	256QAM	36	39	16.56	16.57	16.49		
15	256QAM	75	0	16.60	16.72	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.76	21.85	21.77	22	0
10	QPSK	1	25	21.71	21.70	21.72		
10	QPSK	1	49	21.72	21.71	21.71		
10	QPSK	25	0	20.80	20.81	20.77	21	1
10	QPSK	25	12	20.77	20.63	20.71		
10	QPSK	25	25	20.72	20.73	20.68		
10	QPSK	50	0	20.62	20.65	20.75		
10	16QAM	1	0	20.84	20.91	20.83	21	1
10	16QAM	1	25	20.92	20.81	20.93		
10	16QAM	1	49	20.82	20.90	20.70		
10	16QAM	25	0	19.91	19.90	19.98	20	2
10	16QAM	25	12	19.78	19.70	19.85		
10	16QAM	25	25	19.68	19.79	19.67		
10	16QAM	50	0	19.75	19.73	19.75		
10	64QAM	1	0	19.81	19.87	19.67	20	2
10	64QAM	1	25	19.81	19.78	19.90		
10	64QAM	1	49	19.74	19.87	19.74		
10	64QAM	25	0	18.80	18.81	18.76	19	3
10	64QAM	25	12	18.71	18.74	18.82		
10	64QAM	25	25	18.82	18.75	18.78		
10	64QAM	50	0	18.66	18.79	18.59		
10	256QAM	1	0	16.76	16.76	16.86	17	5
10	256QAM	1	25	16.72	16.70	16.71		
10	256QAM	1	49	16.62	16.70	16.69		
10	256QAM	25	0	16.67	16.65	16.63	17	5
10	256QAM	25	12	16.69	16.58	16.55		
10	256QAM	25	25	16.46	16.57	16.48		
10	256QAM	50	0	16.61	16.60	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.63	21.74	21.77	22	0
5	QPSK	1	12	21.80	21.71	21.80		
5	QPSK	1	24	21.69	21.70	21.73		
5	QPSK	12	0	20.78	20.78	20.64	21	1
5	QPSK	12	7	20.72	20.71	20.70		
5	QPSK	12	13	20.80	20.71	20.74		
5	QPSK	25	0	20.69	20.76	20.74		
5	16QAM	1	0	20.80	20.87	20.76	21	1
5	16QAM	1	12	20.93	20.82	20.85		
5	16QAM	1	24	20.94	20.90	20.82		
5	16QAM	12	0	19.86	19.77	19.99	20	2
5	16QAM	12	7	19.83	19.72	19.81		
5	16QAM	12	13	19.69	19.86	19.74		
5	16QAM	25	0	19.80	19.67	19.89		
5	64QAM	1	0	19.78	19.79	19.70	20	2
5	64QAM	1	12	19.81	19.85	19.89		
5	64QAM	1	24	19.81	19.86	19.84		
5	64QAM	12	0	18.83	18.78	18.68	19	3
5	64QAM	12	7	18.69	18.70	18.73		
5	64QAM	12	13	18.74	18.82	18.74		
5	64QAM	25	0	18.61	18.74	18.64		
5	256QAM	1	0	16.76	16.78	16.90	17	5
5	256QAM	1	12	16.80	16.80	16.76		
5	256QAM	1	24	16.75	16.74	16.77		
5	256QAM	12	0	16.59	16.65	16.72	17	5
5	256QAM	12	7	16.60	16.58	16.53		
5	256QAM	12	13	16.53	16.61	16.60		
5	256QAM	25	0	16.62	16.68	16.57		
Channel				18610	18900	19190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.8	1880	1908.2		
3	QPSK	1	0	21.68	21.84	21.66	22	0
3	QPSK	1	8	21.73	21.71	21.75		
3	QPSK	1	14	21.73	21.67	21.74		
3	QPSK	8	0	20.69	20.84	20.65	21	1
3	QPSK	8	4	20.73	20.66	20.80		
3	QPSK	8	7	20.84	20.76	20.65		
3	QPSK	15	0	20.65	20.65	20.75		
3	16QAM	1	0	20.91	20.88	20.75	21	1
3	16QAM	1	8	20.94	20.86	20.93		
3	16QAM	1	14	20.87	20.91	20.76		
3	16QAM	8	0	19.98	19.83	20.03	20	2
3	16QAM	8	4	19.87	19.74	19.77		
3	16QAM	8	7	19.73	19.78	19.68		
3	16QAM	15	0	19.81	19.75	19.75		
3	64QAM	1	0	19.75	19.79	19.69	20	2
3	64QAM	1	8	19.77	19.77	19.80		
3	64QAM	1	14	19.80	19.86	19.81		
3	64QAM	8	0	18.74	18.78	18.67	19	3
3	64QAM	8	4	18.70	18.65	18.85		
3	64QAM	8	7	18.80	18.69	18.70		
3	64QAM	15	0	18.58	18.75	18.64		
3	256QAM	1	0	16.81	16.76	16.84	17	5
3	256QAM	1	8	16.75	16.79	16.78		
3	256QAM	1	14	16.67	16.71	16.78		
3	256QAM	8	0	16.64	16.69	16.77	17	5
3	256QAM	8	4	16.54	16.54	16.57		
3	256QAM	8	7	16.46	16.57	16.47		
3	256QAM	15	0	16.52	16.65	16.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.74	21.74	21.76	22	0
1.4	QPSK	1	3	21.64	21.59	21.68		
1.4	QPSK	1	5	21.77	21.76	21.58		
1.4	QPSK	3	0	21.79	21.77	21.82		
1.4	QPSK	3	1	21.73	21.59	21.69		
1.4	QPSK	3	3	21.66	21.75	21.68		
1.4	QPSK	6	0	20.49	20.58	20.63	21	1
1.4	16QAM	1	0	20.67	20.59	20.61	21	1
1.4	16QAM	1	3	20.63	20.66	20.55		
1.4	16QAM	1	5	20.62	20.60	20.55		
1.4	16QAM	3	0	20.86	20.85	20.60		
1.4	16QAM	3	1	20.82	20.78	20.71		
1.4	16QAM	3	3	20.83	20.77	20.67		
1.4	16QAM	6	0	19.80	19.64	19.83	20	2
1.4	64QAM	1	0	19.59	19.81	19.52	20	2
1.4	64QAM	1	3	19.68	19.66	19.74		
1.4	64QAM	1	5	19.76	19.82	19.62		
1.4	64QAM	3	0	19.63	19.74	19.73		
1.4	64QAM	3	1	19.67	19.73	19.64		
1.4	64QAM	3	3	19.70	19.73	19.62		
1.4	64QAM	6	0	18.61	18.54	18.69	19	3
1.4	256QAM	1	0	16.69	16.67	16.72	17	5
1.4	256QAM	1	3	16.66	16.68	16.58		
1.4	256QAM	1	5	16.53	16.64	16.51		
1.4	256QAM	3	0	16.43	16.58	16.58		
1.4	256QAM	3	1	16.58	16.48	16.50		
1.4	256QAM	3	3	16.36	16.48	16.56		
1.4	256QAM	6	0	16.58	16.48	16.42	17	5

Band 4 Ant 4 DSI4

BW [MHz]	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	21.76	21.85	21.79	23	0
20	QPSK	1	49	21.75	21.76	21.72		
20	QPSK	1	99	21.82	21.81	21.81		
20	QPSK	50	0	20.67	20.69	20.64	22	1
20	QPSK	50	24	20.60	20.65	20.57		
20	QPSK	50	50	20.56	20.64	20.57		
20	QPSK	100	0	20.53	20.63	20.62		
20	16QAM	1	0	20.67	20.63	20.61	22	1
20	16QAM	1	49	20.67	20.59	20.72		
20	16QAM	1	99	20.70	20.68	20.71		
20	16QAM	50	0	19.66	19.57	19.74	21	2
20	16QAM	50	24	19.56	19.51	19.61		
20	16QAM	50	50	19.58	19.65	19.52		
20	16QAM	100	0	19.55	19.63	19.53		
20

Band 12 Ant 4 DSI4

BW [MHz]	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	22.63	22.69	22.60		
10	QPSK	1	25	22.55	22.57	22.59	24	0
10	QPSK	1	49	22.54	22.61	22.62		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	1
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	21.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	1
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	2
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	2
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	3
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.50	22.59	22.53		
5	QPSK	1	12	22.41	22.51	22.52	24	0
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	1
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	1
5	16QAM	1	24	21.66	21.63	21.56		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	2
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	2
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	3
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.46	17.52	19	5
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	5
5	256QAM	12	13	17.28	17.36	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.51	22.63	22.54		
3	QPSK	1	8	22.46	22.52	22.41	24	0
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	1
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	1
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	2
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	2
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	3
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	5
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	5
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.55	22.53	22.53		
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46	24	0
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	1
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	1
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	2
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	2
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	3
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	5
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	5

Band 12 Ant 4 DSI4 sig path：：300

BW [MHz]	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	22.88	22.92	22.85		
10	QPSK	1	25	22.83	22.78	22.90	24	0
10	QPSK	1	49	22.78	22.84	22.91		
10	QPSK	25	0	21.85	21.89	21.88		
10	QPSK	25	12	21.83	21.80	21.76	23	1
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.87	21.83		
10	16QAM	1	0	21.99	22.03	21.83		
10	16QAM	1	25	22.02	21.92	21.89	23	1
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	2
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.84	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	2
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	3
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.82	22.80	22.76		
5	QPSK	1	12	22.75	22.76	22.87	24	0
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	21.79	21.85	21.77		
5	QPSK	12	7	21.78	21.76	21.67	23	1
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.96	21.75		
5	16QAM	1	12	21.99	21.87	21.77	23	1
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	2
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	2
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	3
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	5
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	5
5	256QAM	12	13	17.67	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.80	22.76	22.78		
3	QPSK	1	8	22.70	22.76	22.76	24	0
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	21.78	21.85	21.85		
3	QPSK	8	4	21.70	21.84	21.63	23	1
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	1
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	2
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	2
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	3
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	5
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	5
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.87	22.78	22.82		
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76	24	0
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	1
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	1
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	2
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	2
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	3
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	5
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	5

Band 13 Ant 4 DSI4

BW [MHz]	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		22.78			
10	QPSK	1	25		22.65		24	0
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72			
10	QPSK	25	12		21.68		23	1
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85			
10	16QAM	1	25		21.77		23	1
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	2
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	2
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	3
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.69	22.71	22.67		
5	QPSK	1	12	22.61	22.56	22.57	24	0
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62		
5	QPSK	12	7	21.61	21.54	21.58	23	1
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76		
5	16QAM	1	12	21.63	21.64	21.73	23	1
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	2
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	2
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	3
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI4 sig path：：378

BW [MHz]	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		22.51			
10	QPSK	1	25		22.50		24	0
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.45		23	1
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69			
10	16QAM	1	25		21.52		23	1
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	2
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	2
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	3
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.45	22.45	22.36		
5	QPSK	1	12	22.46	22.39	22.41	24	0
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37		
5	QPSK	12	7	21.40	21.39	21.36	23	1
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62		
5	16QAM	1	12	21.47	21.42	21.43	23	1
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	2
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	2
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	3
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI4 sig path：：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 17 Ant 4 DSI4

BW [MHz]	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	22.72	22.76	22.73	24	0
10	QPSK	1	25	22.70	22.75	22.72		
10	QPSK	1	49	22.69	22.74	22.71		
10	QPSK	25	0	21.74	21.75	21.71	23	1
10	QPSK	25	12	21.59	21.68	21.52		
10	QPSK	25	25	21.57	21.62	21.57		
10	QPSK	50	0	21.64	21.73	21.68		
10	16QAM	1	0	21.95	21.87	21.96	23	1
10	16QAM	1	25	21.83	21.82	21.75		
10	16QAM	1	49	21.84	21.81	21.84		
10	16QAM	25	0	20.68	20.66	20.66	22	2
10	16QAM	25	12	20.52	20.61	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.50	22	2
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	21	3
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	19	5
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.46	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	19	5
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.48	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.69	22.64	22.65	24	0
5	QPSK	1	12	22.68	22.69	22.64		
5	QPSK	1	24	22.54	22.65	22.52		
5	QPSK	12	0	21.65	21.72	21.65	23	1
5	QPSK	12	7	21.49	21.48	21.39		
5	QPSK	12	13	21.46	21.57	21.55		
5	QPSK	25	0	21.57	21.59	21.50		
5	16QAM	1	0	21.86	21.85	21.95	23	1
5	16QAM	1	12	21.70	21.64	21.61		
5	16QAM	1	24	21.71	21.74	21.79		
5	16QAM	12	0	20.67	20.52	20.55	22	2
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.44	20.45		
5	64QAM	1	0	20.31	20.47	20.44	22	2
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	21	3
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	19	5
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	19	5
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.45	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

Band 25 Ant 4 DSI4

BW [MHz]	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	26550		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	21.14	21.20	21.13	22	0
20	QPSK	1	49	20.75	20.86	20.98		
20	QPSK	1	99	20.78	20.74	20.82		
20	QPSK	50	0	19.85	20.17	19.82	21	1
20	QPSK	50	24	19.94	20.12	19.91		
20	QPSK	50	50	19.86	19.86	20.05		
20	QPSK	100	0	19.73	19.91	19.76		
20	16QAM	1	0	19.66	19.82	19.72	21	1
20	16QAM	1	49	19.64	19.57	19.56		
20	16QAM	1	99	19.75	19.74	19.79		
20	16QAM	50	0	18.90	18.97	18.76	20	2
20	16QAM	50	24	18.78	18.54	18.64		
20	16QAM	50	50	18.59	18.76	18.67		
20	16QAM	100	0	18.73	18.71	18.81		
20	64QAM	1	0	19.21	19.16	19.18	20	2
20	64QAM	1	49	18.99	18.81	19.02		
20	64QAM	1	99	18.95	18.91	19.03		
20	64QAM	50	0	17.79	17.94	17.92	19	3
20	64QAM	50	24	17.58	17.79	17.79		
20	64QAM	50	50	17.95	17.87	17.77		
20	64QAM	100	0	17.83	17.90	17.83		
20	256QAM	1	0	16.30	16.22	16.16	17	5
20	256QAM	1	49	16.27	16.12	16.23		
20	256QAM	1	99	16.01	16.08	16.07		
20	256QAM	50	0	16.16	16.04	16.22	17	5
20	256QAM	50	24	16.21	16.09	16.05		
20	256QAM	50	50	15.98	15.93	15.84		
20	256QAM	100	0	16.21	16.03	15.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.02	21.04	20.97	22	0
15	QPSK	1	37	20.57	20.63	20.76		
15	QPSK	1	74	20.56	20.63	20.69		
15	QPSK	36	0	19.58	19.88	19.56	21	1
15	QPSK	36	20	19.76	19.84	19.80		
15	QPSK	36	39	19.70	19.74	19.93		
15	QPSK	75	0	19.51	19.63	19.58		
15	16QAM	1	0	19.52	19.70	19.55	21	1
15	16QAM	1	37	19.49	19.39	19.33		
15	16QAM	1	74	19.54	19.56	19.64		
15	16QAM	36	0	18.61	18.73	18.59	20	2
15	16QAM	36	20	18.57	18.36	18.35		
15	16QAM	36	39	18.30	18.46	18.39		
15	16QAM	75	0	18.62	18.75	18.54		
15	64QAM	1	0	18.93	18.98	18.92	20	2
15	64QAM	1	37	18.83	18.65	18.92		
15	64QAM	1	74	18.79	18.77	18.82		
15	64QAM	36	0	17.54	17.83	17.73	19	3
15	64QAM	36	20	17.39	17.60	17.59		
15	64QAM	36	39	17.84	17.71	17.48		
15	64QAM	75	0	17.68	17.69	17.53		
15	256QAM	1	0	16.20	15.99	15.88	17	5
15	256QAM	1	37	16.05	15.95	16.11		
15	256QAM	1	74	15.91	15.89	15.93		
15	256QAM	36	0	15.98	15.89	16.05	17	5
15	256QAM	36	20	15.97	15.85	15.91		
15	256QAM	36	39	16.03	15.92	15.89		
15	256QAM	75	0	16.00	15.81	15.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1860	1910		
10	QPSK	1	0	20.89	20.96	20.85	22	0
10	QPSK	1	25	20.50	20.75	20.74		
10	QPSK	1	49	20.64	20.54	20.66		
10	QPSK	25	0	19.63	19.92	19.54	21	1
10	QPSK	25	12	19.71	19.91	19.80		
10	QPSK	25	25	19.59	19.68	19.88		
10	QPSK	50	0	19.45	19.77	19.47		
10	16QAM	1	0	19.48	19.59	19.45	21	1
10	16QAM	1	25	19.34	19.40	19.36		
10	16QAM	1	49	19.61	19.51	19.55		
10	16QAM	25	0	18.77	18.68	18.66	20	2
10	16QAM	25	12	18.53	18.33	18.42		
10	16QAM	25	25	18.29	18.54	18.41		
10	16QAM	50	0	18.49	18.52	18.61		
10	64QAM	1	0	18.99	18.88	18.90	20	2
10	64QAM	1	25	18.74	18.58	18.92		
10	64QAM	1	49	18.69	18.69	18.87		
10	64QAM	25	0	17.54	17.65	17.80	19	3
10	64QAM	25	12	17.47	17.52	17.51		
10	64QAM	25	25	17.81	17.70	17.52		
10	64QAM	50	0	17.53	17.69	17.65		
10	256QAM	1	0	16.11	16.01	15.93	17	5
10	256QAM	1	25	15.98	16.00	16.10		
10	256QAM	1	49	15.80	16.09	15.95		
10	256QAM	25	0	16.04	16.06	15.99	17	5
10	256QAM	25	12	16.02	16.04	15.84		
10	256QAM	25	25	16.05	16.09	15.96		
10	256QAM	50	0	16.23	16.06	16.02		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.87	20.96	21.00	22	0
5	QPSK	1	12	20.64	20.66	20.76		
5	QPSK	1	24	20.65	20.60	20.67		
5	QPSK	12	0	19.67	19.91	19.54	21	1
5	QPSK	12	7	19.79	19.92	19.74		
5	QPSK	12	13	19.68	19.60	19.90		
5	QPSK	25	0	19.53	19.64	19.47		
5	16QAM	1	0	19.55	19.68	19.48	21	1
5	16QAM	1	12	19.41	19.27	19.35		
5	16QAM	1	24	19.48	19.54	19.62		
5	16QAM	12	0	18.66	18.71	18.56	20	2
5	16QAM	12	7	18.56	18.34	18.49		
5	16QAM	12	13	18.37	18.64	18.48		
5	16QAM	25	0	18.62	18.56	18.51		
5	64QAM	1	0	19.02	19.02	19.05	20	2
5	64QAM	1	12	18.71	18.68	18.91		
5	64QAM	1	24	18.71	18.76	18.92		
5	64QAM	12	0	17.54	17.72	17.69	19	3
5	64QAM	12	7	17.32	17.66	17.63		
5	64QAM	12	13	17.71	17.73	17.64		
5	64QAM	25	0	17.53	17.76	17.58		
5	256QAM	1	0	16.05	16.29	15.98	17	5
5	256QAM	1	12	16.01	16.17	15.99		
5	256QAM	1	24	16.04	16.15	16.12		
5	256QAM	12	0	15.92	16.14	15.98	17	5
5	256QAM	12	7	16.04	16.17	16.16		
5	256QAM	12	13	16.11	16.11	16.12		
5	256QAM	25	0	16.03	16.19	16.15		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	21.00	20.86	22	0
3	QPSK	1	8	20.63	20.68	20.76		
3	QPSK	1	14	20.61	20.60	20.71		
3	QPSK	8	0	19.68	20.06	19.70	21	1
3	QPSK	8	4	19.81	19.95	19.62		
3	QPSK	8	7	19.64	19.63	19.90		
3	QPSK	15	0	19.54	19.61	19.47		
3	16QAM	1	0	19.55	19.69	19.55	21	1
3	16QAM	1	8	19.46	19.34	19.36		
3	16QAM	1	14	19.55	19.47	19.57		
3	16QAM	8	0	18.77	18.76	18.51	20	2
3	16QAM	8	4	18.63	18.44	18.50		
3	16QAM	8	7	18.48	18.54	18.49		
3	16QAM	15	0	18.60	18.59	18.61		
3	64QAM	1	0	18.98	18.88	18.94	20	2
3	64QAM	1	8	18.81	18.54	18.74		
3	64QAM	1	14	18.83	18.72	18.74		
3	64QAM	8	0	17.64	17.66	17.64	19	3
3	64QAM	8	4	17.34	17.50	17.52		
3	64QAM	8	7	17.74	17.70	17.66		
3	64QAM	15	0	17.69	17.68	17.63		
3	256QAM	1	0	16.11	16.07	16.04	17	5
3	256QAM	1	8	16.14	16.01	15.93		
3	256QAM	1	14	16.07	16.15	16.14		
3	256QAM	8	0	16.29	16.04	16.34	17	5
3	256QAM	8	4	16.01	15.80	15.92		
3	256QAM	8	7	15.78	15.64	15.62		
3	256QAM	15	0	15.91	15.88	15.75		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.98	20.91	20.91	22	0
1.4	QPSK	1	3	20.55	20.74	20.72		
1.4	QPSK	1	5	20.52	20.57	20.61		
1.4	QPSK	3	0	20.84	20.96	20.93		
1.4	QPSK	3	1	20.59	20.67	20.81		
1.4	QPSK	3	3	20.64	20.63	20.65		
1.4	QPSK	6	0	19.66	19.88	19.69	21	1
1.4	16QAM	1	0	19.64	19.98	19.64	21	1
1.4	16QAM	1	3	19.59	19.57	19.82		
1.4	16QAM	1	5	19.61	19.68	19.51		
1.4	16QAM	3	0	19.43	19.55	19.48		
1.4	16QAM	3	1	19.41	19.45	19.42		
1.4	16QAM	3	3	19.63	19.47	19.55		
1.4	16QAM	6	0	18.65	18.70	18.59	20	2
1.4	64QAM	1	0	18.62	18.37	18.52	20	2
1.4	64QAM	1	3	18.40	18.60	18.48		
1.4	64QAM	1	5	18.44	18.47	18.51		
1.4	64QAM	3	0	18.65	18.24	18.38		
1.4	64QAM	3	1	18.35	18.46	18.45		
1.4	64QAM	3	3	18.55	18.53	18.68		
1.4	64QAM	6	0	17.47	17.62	17.62	19	3
1.4	256QAM	1	0	16.16	16.03	15.90	17	5
1.4	256QAM	1	3	16.09	15.88	15.96		
1.4	256QAM	1	5	16.09	15.94	15.95		
1.4	256QAM	3	0	16.19	16.19	16.09		
1.4	256QAM	3	1	16.04	16.14	15.87		
1.4	256QAM	3	3	16.07	16.27	16.29		
1.4	256QAM	6	0	16.10	15.85	16.37	17	5

Band 26 for FCC Ant 4 DSI4

BW [MHz]	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	22.63	22.69	22.60	24	0
15	QPSK	1	37	22.63	22.67	22.68		
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55	23	1
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.55	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	1
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	2
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	2
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	3
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47	24	0
10	QPSK	1	25	22.60	22.59	22.66		
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38	23	1
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	1
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	2
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	2
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	3
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	5
10	256QAM	1	25	17.46	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.51	22.51	24	0
5	QPSK	1	12	22.46	22.52	22.50		
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49	23	1
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.48	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	1
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	2
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	2
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	3
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.44	22.63	22.50	24	0
3	QPSK	1	8	22.57	22.48	22.49		
3	QPSK	1	14	22.42	22.48	22.35		
3	QPSK	8	0	21.56	21.54	21.36	23	1
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.58	23	1
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	2
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	2
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	3
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.36	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.56	22.44	24	0
1.4	QPSK	1	3	22.53	22.55	22.57		
1.4	QPSK	1	5	22.48	22.55	22.50		
1.4	QPSK	3	0	22.57	22.59	22.50		
1.4	QPSK	3	1	22.60	22.63	22.54		
1.4	QPSK	3	3	22.51	22.45	22.52		
1.4	QPSK	6	0	21.59	21.65	21.53	23	1
1.4	16QAM	1	0	21.43	21.57	21.53	23	1
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	2
1.4	64QAM	1	0	20.34	20.49	20.37	22	2
1.4	64QAM	1	3	20.33	20.53	20.28		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	3
1.4	256QAM	1	0	17.54	17.55	17.61	19	5
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	5

Band 26 for FCC Ant 4 DSI4 sig path：：320

BW [MHz]	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	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.90		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	21.01		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.83	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	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	21.72	21.88	21.85		
20	QPSK	1	49	21.75	21.81	21.70	23	0
20	QPSK	1	99	21.81	21.85	21.86		
20	QPSK	50	0	20.78	20.81	20.71		
20	QPSK	50	24	20.60	20.66	20.61	22	1
20	QPSK	50	50	20.71	20.78	20.57		
20	QPSK	100	0	20.58	20.67	20.65		
20	16QAM	1	0	20.78	20.61	20.63		
20	16QAM	1	49	20.70	20.65	20.75	22	1
20	16QAM	1	99	20.70	20.76	20.68		
20	16QAM	50	0	19.79	19.56	19.72		
20	16QAM	50	24	19.63	19.58	19.66	21	2
20	16QAM	50	50	19.54	19.71	19.51		
20	16QAM	100	0	19.56	19.60	19.53		
20	64QAM	1	0	19.56	19.60	19.51		
20	64QAM	1	49	19.55	19.57	19.51	21	2
20	64QAM	1	99	19.61	19.50	19.73		
20	64QAM	50	0	18.88	18.74	18.77		
20	64QAM	50	24	18.58	18.54	18.75	20	3
20	64QAM	50	50	18.62	18.65	18.73		
20	64QAM	100	0	18.67	18.65	18.83		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53		
20	256QAM	50	24	16.56	16.72	16.64	18	5
20	256QAM	50	50	16.50	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.67	21.68	21.69		
15	QPSK	1	37	21.56	21.63	21.56	23	0
15	QPSK	1	74	21.76	21.70	21.78		
15	QPSK	36	0	20.67	20.81	20.70		
15	QPSK	36	20	20.43	20.51	20.44	22	1
15	QPSK	36	39	20.69	20.66	20.48		
15	QPSK	75	0	20.46	20.50	20.54		
15	16QAM	1	0	20.68	20.45	20.46		
15	16QAM	1	37	20.58	20.49	20.66	22	1
15	16QAM	1	74	20.57	20.73	20.62		
15	16QAM	36	0	19.72	19.49	19.71		
15	16QAM	36	20	19.47	19.39	19.53	21	2
15	16QAM	36	39	19.53	19.64	19.39		
15	16QAM	75	0	19.39	19.44	19.49		
15	64QAM	1	0	19.51	19.51	19.44		
15	64QAM	1	37	19.40	19.55	19.46	21	2
15	64QAM	1	74	19.53	19.43	19.58		
15	64QAM	36	0	18.77	18.73	18.59		
15	64QAM	36	20	18.38	18.46	18.57	20	3
15	64QAM	36	39	18.59	18.51	18.64		
15	64QAM	75	0	18.62	18.59	18.83		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.82	16.66	18	5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	5
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.56	21.80	21.84		
10	QPSK	1	25	21.64	21.68	21.58	23	0
10	QPSK	1	49	21.65	21.67	21.72		
10	QPSK	25	0	20.77	20.78	20.60		
10	QPSK	25	12	20.54	20.58	20.57	22	1
10	QPSK	25	25	20.56	20.78	20.52		
10	QPSK	50	0	20.57	20.60	20.47		
10	16QAM	1	0	20.72	20.56	20.59		
10	16QAM	1	25	20.62	20.59	20.72	22	1
10	16QAM	1	49	20.57	20.59	20.56		
10	16QAM	25	0	19.72	19.38	19.63		
10	16QAM	25	12	19.62	19.57	19.48	21	2
10	16QAM	25	25	19.36	19.55	19.50		
10	16QAM	50	0	19.38	19.43	19.46		
10	64QAM	1	0	19.40	19.48	19.47		
10	64QAM	1	25	19.43	19.49	19.44	21	2
10	64QAM	1	49	19.47	19.37	19.70		
10	64QAM	25	0	18.82	18.72	18.58		
10	64QAM	25	12	18.53	18.52	18.75	20	3
10	64QAM	25	25	18.57	18.46	18.65		
10	64QAM	50	0	18.61	18.58	18.71		
10	256QAM	1	0	16.52	16.79	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.67	21.78	21.65		
5	QPSK	1	12	21.68	21.75	21.59	23	0
5	QPSK	1	24	21.76	21.72	21.84		
5	QPSK	12	0	20.77	20.77	20.56		
5	QPSK	12	7	20.53	20.49	20.60	22	1
5	QPSK	12	13	20.61	20.63	20.56		
5	QPSK	25	0	20.49	20.54	20.49		
5	16QAM	1	0	20.74	20.61	20.46		
5	16QAM	1	12	20.57	20.53	20.64	22	1
5	16QAM	1	24	20.70	20.69	20.64		
5	16QAM	12	0	19.75	19.44	19.67		
5	16QAM	12	7	19.47	19.40	19.49	21	2
5	16QAM	12	13	19.49	19.70	19.35		
5	16QAM	25	0	19.46	19.46	19.45		
5	64QAM	1	0	19.51	19.48	19.32		
5	64QAM	1	12	19.52	19.47	19.37	21	2
5	64QAM	1	24	19.44	19.47	19.66		
5	64QAM	12	0	18.74	18.54	18.71		
5	64QAM	12	7	18.53	18.39	18.60	20	3
5	64QAM	12	13	18.51	18.61	18.55		
5	64QAM	25	0	18.58	18.47	18.71		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.68	21.79	21.81		
3	QPSK	1	8	21.62	21.62	21.56	23	0
3	QPSK	1	14	21.74	21.80	21.69		
3	QPSK	8	0	20.76	20.77	20.51		
3	QPSK	8	4	20.47	20.56	20.60	22	1
3	QPSK	8	7	20.51	20.65	20.45		
3	QPSK	15	0	20.48	20.58	20.64		
3	16QAM	1	0	20.77	20.43	20.58		
3	16QAM	1	8	20.52	20.49	20.67	22	1
3	16QAM	1	14	20.53	20.63	20.56		
3	16QAM	8	0	19.73	19.44	19.57		
3	16QAM	8	4	19.60	19.48	19.56	21	2
3	16QAM	8	7	19.50	19.61	19.50		
3	16QAM	15	0	19.55	19.49	19.34		
3	64QAM	1	0	19.38	19.43	19.48		
3	64QAM	1	8	19.39	19.39	19.35	21	2
3	64QAM	1	14	19.47	19.38	19.66		
3	64QAM	8	0	18.85	18.67	18.75		
3	64QAM	8	4	18.58	18.49	18.67	20	3
3	64QAM	8	7	18.42	18.61	18.57		
3	64QAM	15	0	18.66	18.55	18.82		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.58	21.75	21.76		
1.4	QPSK	1	3	21.72	21.75	21.63		
1.4	QPSK	1	5	21.64	21.67	21.80	23	0
1.4	QPSK	3	0	21.67	21.80	21.72		
1.4	QPSK	3	1	21.67	21.68	21.60		
1.4	QPSK	3	3	21.80	21.82	21.77		
1.4	QPSK	6	0	20.66	20.67	20.53	22	1
1.4	16QAM	1	0	20.56	20.64	20.50		
1.4	16QAM	1	3	20.59	20.64	20.47		
1.4	16QAM	1	5	20.46	20.57	20.59	22	1
1.4	16QAM	3	0	20.66	20.58	20.48		
1.4	16QAM	3	1	20.63	20.54	20.67		
1.4	16QAM	3	3	20.57	20.73	20.55		
1.4	16QAM	6	0	19.78	19.37	19.62	21	2
1.4	64QAM	1	0	19.53	19.42	19.59		
1.4	64QAM	1	3	19.40	19.68	19.35		
1.4	64QAM	1	5	19.41	19.42	19.40	21	2
1.4	64QAM	3	0	19.38	19.48	19.47		
1.4	64QAM	3	1	19.40	19.40	19.34		
1.4	64QAM	3	3	19.57	19.33	19.62		
1.4	64QAM	6	0	18.73	18.72	18.71	20	3
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	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	21.48	21.53	21.51		
20	QPSK	1	49	21.44	21.46	21.37	23	0
20	QPSK	1	99	21.48	21.51	21.49		
20	QPSK	50	0	20.46	20.52	20.47		
20	QPSK	50	24	20.24	20.42	20.38	22	1
20	QPSK	50	50	20.39	20.41	20.31		
20	QPSK	100	0	20.41	20.45	20.42		
20	16QAM	1	0	20.42	20.33	20.30		
20	16QAM	1	49	20.35	20.38	20.50	22	1
20	16QAM	1	99	20.33	20.52	20.41		
20	16QAM	50	0	19.49	19.26	19.39		
20	16QAM	50	24	19.33	19.22	19.43	21	2
20	16QAM	50	50	19.23	19.45	19.20		
20	16QAM	100	0	19.33	19.22	19.21		
20	64QAM	1	0	19.21	19.37	19.20		
20	64QAM	1	49	19.31	19.21	19.18	21	2
20	64QAM	1	99	19.27	19.17	19.41		
20	64QAM	50	0	18.53	18.50	18.44		
20	64QAM	50	24	18.35	18.22	18.39	20	3
20	64QAM	50	50	18.39	18.40	18.41		
20	64QAM	100	0	18.42	18.32	18.58		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.32	21.49	21.42		
15	QPSK	1	37	21.27	21.34	21.32	23	0
15	QPSK	1	74	21.36	21.44	21.39		
15	QPSK	36	0	20.30	20.35	20.30		
15	QPSK	36	20	20.10	20.26	20.35	22	1
15	QPSK	36	39	20.30	20.30	20.14		
15	QPSK	75	0	20.25	20.40	20.32		
15	16QAM	1	0	20.28	20.18	20.21		
15	16QAM	1	37	20.30	20.22	20.35	22	1
15	16QAM	1	74	20.19	20.42	20.36		
15	16QAM	36	0	19.33	19.21	19.22		
15	16QAM	36	20	19.30	19.15	19.37	21	2
15	16QAM	36	39	19.10	19.29	19.13		
15	16QAM	75	0	19.24	19.10	19.03		
15	64QAM	1	0	19.08	19.21	19.15		
15	64QAM	1	37	19.16	19.15	19.10	21	2
15	64QAM	1	74	19.25	19.06	19.23		
15	64QAM	36	0	18.47	18.36	18.37		
15	64QAM	36	20	18.25	18.10	18.28	20	3
15	64QAM	36	39	18.33	18.25	18.32		
15	64QAM	75	0	18.38	18.24	18.53		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	5
15	256QAM	36	39	16.16	16.14	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.35	21.44	21.35		
10	QPSK	1	25	21.34	21.36	21.32	23	0
10	QPSK	1	49	21.40	21.45	21.31		
10	QPSK	25	0	20.31	20.34	20.32		
10	QPSK	25	12	20.16	20.31	20.25	22	1
10	QPSK	25	25	20.21	20.34	20.16		
10	QPSK	50	0	20.30	20.31	20.31		
10	16QAM	1	0	20.29	20.29	20.26		
10	16QAM	1	25	20.22	20.35	20.46	22	1
10	16QAM	1	49	20.19	20.48	20.27		
10	16QAM	25	0	19.40	19.14	19.35		
10	16QAM	25	12	19.30	19.17	19.33	21	2
10	16QAM	25	25	19.13	19.41	19.13		
10	16QAM	50	0	19.29	19.18	19.19		
10	64QAM	1	0	19.16	19.20	19.17		
10	64QAM	1	25	19.19	19.09	19.09	21	2
10	64QAM	1	49	19.20	19.10	19.35		
10	64QAM	25	0	18.49	18.41	18.30		
10	64QAM	25	12	18.18	18.13	18.30	20	3
10	64QAM	25	25	18.31	18.31	18.23		
10	64QAM	50	0	18.29	18.25	18.46		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25	16.32	16.56	16.47	18	5
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12		
10	256QAM	25	12	16.24	16.34	16.25	18	5
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.28	16.25	16.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.37	21.48	21.35		
5	QPSK	1	12	21.39	21.36	21.23	23	0
5	QPSK	1	24	21.33	21.41	21.33		
5	QPSK	12	0	20.44	20.49	20.34		
5	QPSK	12	7	20.22	20.26	20.21	22	1
5	QPSK	12	13	20.36	20.27	20.23		
5	QPSK	25	0	20.29	20.34	20.25		
5	16QAM	1	0	20.25	20.27	20.16		
5	16QAM	1	12	20.31	20.29	20.46	22	1
5	16QAM	1	24	20.27	20.47	20.31		
5	16QAM	12	0	19.40	19.16	19.24		
5	16QAM	12	7	19.20	19.11	19.27	21	2
5	16QAM	12	13	19.19	19.30	19.09		
5	16QAM	25	0	19.21	19.11	19.06		
5	64QAM	1	0	19.04	19.13	19.05		
5	64QAM	1	12	19.13	19.10	19.12	21	2
5	64QAM	1	24	19.18	19.14	19.28		
5	64QAM	12	0	18.37	18.36	18.39		
5	64QAM	12	7	18.29	18.12	18.32	20	3
5	64QAM	12	13	18.34	18.23	18.36		
5	64QAM	25	0	18.28	18.22	18.54		
5	256QAM	1	0	16.16	16.52	16.11		
5	256QAM	1	12	16.28	16.45	16.45	18	5
5	256QAM	1	24	16.35	16.23	16.31		
5	256QAM	12	0	16.00	16.33	16.12		
5	256QAM	12	7	16.18	16.35	16.27	18	5
5	256QAM	12	13	16.08	16.05	16.03		
5	256QAM	25	0	16.20	16.25	16.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.45	21.44	21.44		
3	QPSK	1	8	21.40	21.38	21.21	23	0
3	QPSK	1	14	21.43	21.38	21.35		
3	QPSK	8	0	20.37	20.37	20.30		
3	QPSK	8	4	20.07	20.28	20.36	22	1
3	QPSK	8	7	20.29	20.31	20.16		
3	QPSK	15	0	20.35	20.32	20.26		
3	16QAM	1	0	20.30	20.24	20.15		
3	16QAM	1	8	20.26	20.22	20.35	22	1
3	16QAM	1	14	20.30	20.42	20.35		
3	16QAM	8	0	19.31	19.14	19.37		
3	16QAM	8	4	19.25	19.06	19.31	21	2
3	16QAM	8	7	19.17	19.38	19.13		
3	16QAM	15	0	19.31	19.19	19.07		
3	64QAM	1	0	19.06	19.09	19.18		
3	64QAM	1	8	19.15	19.13	19.06	21	2
3	64QAM	1	14	19.24	19.05	19.31		
3	64QAM	8	0	18.45	18.42	18.28		
3	64QAM	8	4	18.25	18.13	18.32	20	3
3	64QAM	8	7	18.28	18.23	18.26		
3	64QAM	15	0	18.24	18.20	18.53		
3	256QAM	1	0	16.12	16.54	16.16		
3	256QAM	1	8	16.27	16.43	16.47	18	5
3	256QAM	1	14	16.38	16.21	16.29		
3	256QAM	8	0	16.13	16.34	16.15		
3	256QAM	8	4	16.21	16.23	16.25	18	5
3	256QAM	8	7	16.18	16.09	16.11		
3	256QAM	15	0	16.23	16.14	16.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.33	21.42	21.45		
1.4	QPSK	1	3	21.40	21.43	21.32		
1.4	QPSK	1	5	21.40	21.39	21.44	23	0
1.4	QPSK	3	0	21.35	21.45	21.35		
1.4	QPSK	3	1	21.32	21.41	21.22		
1.4	QPSK	3	3	21.41	21.39	21.44		
1.4	QPSK	6	0	20.40	20.37	20.25	22	1
1.4	16QAM	1	0	20.19	20.27	20.27		
1.4	16QAM	1	3	20.28	20.35	20.11		
1.4	16QAM	1	5	20.20	20.28	20.33	22	1
1.4	16QAM	3	0	20.33	20.24	20.17		
1.4	16QAM	3	1	20.40	20.32	20.44		
1.4	16QAM	3	3	20.29	20.44	20.25		
1.4	16QAM	6	0	19.52	19.04	19.38	21	2
1.4	64QAM	1	0	19.28	19.13	19.29		
1.4	64QAM	1	3	19.06	19.34	19.07		
1.4	64QAM	1	5	19.03	19.12	19.10	21	2
1.4	64QAM	3	0	19.05	19.26	19.25		
1.4	64QAM	3	1	19.07	19.04	19.08		
1.4	64QAM	3	3	19.27	19.01	19.38		
1.4	64QAM	6	0	18.47	18.48	18.35	20	3
1.4	256QAM	1	0	16.27	16.30	16.19		
1.4	256QAM	1	3	16.30	16.50	16.55		
1.4	256QAM	1	5	16.38	16.36	16.42	18	5
1.4	256QAM	3	0	16.19	16.31	16.05		
1.4	256QAM	3	1	16.06	16.28	16.32		
1.4	256QAM	3	3	16.12	16.11	16.02		
1.4	256QAM	6	0	16.20	16.20	16.02	18	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				133122	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.92	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.62	21.68	21.68		
20	16QAM	50	0	20.70	20.69	20.66		
20	16QAM	50	24	20.54	20.53	20.51	22	2
20	16QAM	50	50	20.43	20.55	20.47		
20	16QAM	100	0	20.56	20.59	20.57		
20	64

Band 48_FCC Ant 5 DSI4

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	22.93	22.98	22.81	22.90	24	0
20	QPSK	1	49	22.80	22.93	22.84	22.75		
20	QPSK	1	99	22.80	22.93	22.84	22.75		
20	QPSK	50	0	21.93	21.97	21.84	21.87	23	1
20	QPSK	50	24	21.78	21.93	21.88	21.86		
20	QPSK	50	50	21.92	21.96	21.83	21.87		
20	QPSK	100	0	21.71	21.95	21.72	21.78		
20	16QAM	1	0	21.62	21.75	21.77	21.65	23	1
20	16QAM	1	49	21.59	21.75	21.68	21.53		
20	16QAM	1	99	21.59	21.67	21.61	21.65		
20	16QAM	50	0	20.90	20.93	20.84	20.80	22	2
20	16QAM	50	24	20.83	20.94	20.97	20.89		
20	16QAM	50	50	20.74	20.81	20.78	20.74		
20	16QAM	100	0	20.72	20.91	20.82	20.87		
20	64QAM	1	0	20.66	20.59	20.63	20.52	22	2
20	64QAM	1	49	20.54	20.58	20.49	20.45		
20	64QAM	1	99	20.47	20.55	20.45	20.51		
20	64QAM	50	0	19.64	19.83	19.78	19.67	21	3
20	64QAM	50	24	19.51	19.65	19.58	19.57		
20	64QAM	50	50	19.62	19.66	19.56	19.60		
20	64QAM	100	0	19.63	19.76	19.66	19.63		
20	256QAM	1	0	17.67	17.76	17.56	17.69	19	5
20	256QAM	1	49	17.55	17.77	17.65	17.66		
20	256QAM	1	99	17.48	17.69	17.64	17.53		
20	256QAM	50	0	17.75	17.76	17.68	17.68	19	5
20	256QAM	50	24	17.73	17.82	17.68	17.64		
20	256QAM	50	50	17.57	17.66	17.51	17.48		
20	256QAM	100	0	17.77	17.82	17.69	17.70		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
15	QPSK	1	37	22.68	22.79	22.74	22.61		
15	QPSK	1	74	22.75	22.86	22.75	22.66		
15	QPSK	36	0	21.81	21.86	21.74	21.76	23	1
15	QPSK	36	20	21.72	21.85	21.78	21.78		
15	QPSK	36	39	21.80	21.84	21.76	21.83		
15	QPSK	75	0	21.67	21.84	21.65	21.66		
15	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
15	16QAM	1	37	21.49	21.67	21.62	21.41		
15	16QAM	1	74	21.47	21.52	21.47	21.49		
15	16QAM	36	0	20.83	20.81	20.69	20.67	22	2
15	16QAM	36	20	20.72	20.82	20.84	20.84		
15	16QAM	36	39	20.67	20.73	20.67	20.68		
15	16QAM	75	0	20.57	20.78	20.67	20.79		
15	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
15	64QAM	1	37	20.46	20.52	20.42	20.38		
15	64QAM	1	74	20.41	20.41	20.29	20.42		
15	64QAM	36	0	19.56	19.75	19.63	19.52	21	3
15	64QAM	36	20	19.40	19.51	19.50	19.48		
15	64QAM	36	39	19.48	19.53	19.40	19.52		
15	64QAM	75	0	19.53	19.63	19.54	19.48		
15	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
15	256QAM	1	37	17.45	17.64	17.56	17.53		
15	256QAM	1	74	17.42	17.62	17.50	17.41		
15	256QAM	36	0	17.64	17.63	17.61	17.57	19	5
15	256QAM	36	20	17.62	17.70	17.57	17.58		
15	256QAM	36	39	17.45	17.55	17.37	17.35		
15	256QAM	75	0	17.68	17.74	17.56	17.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
10	QPSK	1	25	22.68	22.79	22.74	22.61		
10	QPSK	1	49	22.75	22.86	22.75	22.66		
10	QPSK	25	0	21.81	21.86	21.74	21.76	23	1
10	QPSK	25	12	21.72	21.85	21.78	21.78		
10	QPSK	25	25	21.80	21.84	21.76	21.83		
10	QPSK	50	0	21.67	21.84	21.65	21.66		
10	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
10	16QAM	1	25	21.49	21.67	21.62	21.41		
10	16QAM	1	49	21.47	21.52	21.47	21.49		
10	16QAM	25	0	20.83	20.81	20.69	20.67	22	2
10	16QAM	25	12	20.72	20.82	20.84	20.84		
10	16QAM	25	25	20.67	20.73	20.67	20.68		
10	16QAM	50	0	20.57	20.78	20.67	20.79		
10	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
10	64QAM	1	25	20.46	20.52	20.42	20.38		
10	64QAM	1	49	20.41	20.41	20.29	20.42		
10	64QAM	25	0	19.56	19.75	19.63	19.52	21	3
10	64QAM	25	12	19.40	19.51	19.50	19.48		
10	64QAM	25	25	19.48	19.53	19.40	19.52		
10	64QAM	50	0	19.53	19.63	19.54	19.48		
10	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
10	256QAM	1	25	17.45	17.64	17.56	17.53		
10	256QAM	1	49	17.42	17.62	17.50	17.41		
10	256QAM	25	0	17.64	17.63	17.61	17.57	19	5
10	256QAM	25	12	17.62	17.70	17.57	17.58		
10	256QAM	25	25	17.45	17.55	17.37	17.35		
10	256QAM	50	0	17.68	17.74	17.56	17.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
5	QPSK	1	12	22.68	22.79	22.74	22.61		
5	QPSK	1	24	22.75	22.86	22.75	22.66		
5	QPSK	12	0	21.81	21.86	21.74	21.76	23	1
5	QPSK	12	7	21.72	21.85	21.78	21.78		
5	QPSK	12	13	21.80	21.84	21.76	21.83		
5	QPSK	25	0	21.67	21.84	21.65	21.66		
5	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
5	16QAM	1	12	21.49	21.67	21.62	21.41		
5	16QAM	1	24	21.47	21.52	21.47	21.49		
5	16QAM	12	0	20.83	20.81	20.69	20.67	22	2
5	16QAM	12	7	20.72	20.82	20.84	20.84		
5	16QAM	12	13	20.67	20.73	20.67	20.68		
5	16QAM	25	0	20.57	20.78	20.67	20.79		
5	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
5	64QAM	1	12	20.46	20.52	20.42	20.38		
5	64QAM	1	24	20.41	20.41	20.29	20.42		
5	64QAM	12	0	19.56	19.75	19.63	19.52	21	3
5	64QAM	12	7	19.40	19.51	19.50	19.48		
5	64QAM	12	13	19.48	19.53	19.40	19.52		
5	64QAM	25	0	19.53	19.63	19.54	19.48		
5	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
5	256QAM	1	12	17.45	17.64	17.56	17.53		
5	256QAM	1	24	17.42	17.62	17.50	17.41		
5	256QAM	12	0	17.64	17.63	17.61	17.57	19	5
5	256QAM	12	7	17.62	17.70	17.57	17.58		
5	256QAM	12	13	17.45	17.55	17.37	17.35		
5	256QAM	25	0	17.68	17.74	17.56	17.58		

Reduced Power Mode for Main PA DSI6 Standalone

GSM850 Ant 0 DSI6

GSM850 Ant 0	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	32.60	32.66	32.48	33.50	23.60	23.66	23.48	24.50
GPRS 1 Tx slot	32.69	32.71	32.55	33.50	23.69	23.71	23.55	24.50
GPRS 2 Tx slots	31.07	31.10	30.95	32.00	25.07	25.10	24.95	26.00
GPRS 3 Tx slots	28.87	28.92	28.81	30.00	24.61	24.66	24.55	25.74
GPRS 4 Tx slots	26.91	26.96	26.73	28.00	23.91	23.96	23.73	25.00
EDGE 1 Tx slot	26.62	26.45	26.66	26.00	17.62	17.45	17.66	19.00
EDGE 2 Tx slots	24.65	24.65	24.55	26.00	18.65	18.65	18.55	20.00
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74
EDGE 4 Tx slots	20.55	20.67	20.56	22.00	17.55	17.67	17.56	19.00

GSM1900 Ant 0 DSI6

GSM1900 Ant 0	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	28.17	28.29	28.08	29.50	19.17	19.29	19.08	20.50
GPRS 1 Tx slot	28.14	28.27	28.05	29.50	19.14	19.27	19.05	20.50
GPRS 2 Tx slots	26.18	26.27	26.21	27.50	20.18	20.27	20.21	21.50
GPRS 3 Tx slots	24.25	24.39	24.56	25.50	19.99	20.13	20.30	21.24
GPRS 4 Tx slots	22.31	22.25	22.33	23.50	19.31	19.25	19.33	20.50
EDGE 1 Tx slot	25.88	26.01	25.97	27.00	16.88	17.01	16.97	18.00
EDGE 2 Tx slots	23.77	24.11	24.02	25.00	17.77	18.11	18.02	19.00
EDGE 3 Tx slots	21.75	22.03	22.09	23.00	17.49	17.77	17.83	18.74
EDGE 4 Tx slots	19.88	19.95	19.62	21.00	16.88	16.95	16.62	18.00

		WCDMA II Ant 0 DSI6				WCDMA IV Ant 0 DSI6				WCDMA V Ant 0 DSI6			
Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.90	20.92	20.91	22.00	21.27	21.30	21.22	22.50	22.91	22.95	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	20.93	20.99	20.95	22.00	21.29	21.31	21.25	22.50	22.96	23.00	22.98	24.00
3GPP Rel 6	HSDPA Subtest-1	19.95	20.13	20.02	21.00	20.25	20.29	20.45	21.50	21.83	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-2	19.89	19.94	20.04	21.00	20.31	20.34	20.32	21.50	21.81	21.96	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	19.52	19.60	19.38	20.50	19.73	19.96	19.79	21.00	21.35	21.38	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	19.53	19.57	19.40	20.50	19.88	19.77	19.82	21.00	21.38	21.38	21.37	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.92	20.02	19.95	21.00	20.27	20.36	20.35	21.50	21.78	21.97	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.84	20.02	19.88	21.00	20.05	20.42	20.21	21.50	21.69	21.85	21.71	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.40	19.46	19.48	20.50	19.70	19.94	19.73	21.00	21.29	21.47	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.45	19.49	19.51	20.50	19.71	19.77	19.68	21.00	21.28	21.29	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	19.94	20.02	19.86	21.00	20.25	20.30	20.14	21.50	21.77	21.92	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	17.79	17.99	17.77	19.00	18.15	18.35	18.19	19.50	19.69	19.82	19.61	21.00
3GPP Rel 6	HSUPA Subtest-3	19.02	19.11	18.95	20.00	19.46	19.42	19.24	20.50	20.96	20.98	20.85	22.00
3GPP Rel 6	HSUPA Subtest-4	17.87	18.07	18.01	19.00	18.27	18.50	18.30	19.50	19.85	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-5	19.74	19.98	19.86	21.00	20.12	20.23	20.23	21.50	21.78	21.98	21.80	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.39	17.46	17.36	18.50	17.68	17.80	17.56	19.00	19.33	19.39	19.14	20.50

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.64	19.71	19.66	21	0
20	QPSK	1	49	19.59	19.63	19.70		
20	QPSK	1	99	19.70	19.66	19.66		
20	QPSK	50	0	19.61	19.68	19.58	21	0
20	QPSK	50	24	19.60	19.59	19.55		
20	QPSK	50	50	19.51	19.57	19.64		
20	QPSK	100	0	19.60	19.67	19.52		
20	16QAM	1	0	19.59	19.52	19.59	21	0
20	16QAM	1	49	19.56	19.54	19.55		
20	16QAM	1	99	19.69	19.54	19.63		
20	16QAM	50	0	19.65	19.66	19.52	21	0
20	16QAM	50	24	19.67	19.51	19.65		
20	16QAM	50	50	19.67	19.62	19.70		
20	16QAM	100	0	19.65	19.63	19.68		
20	64QAM	1	0	19.60	19.67	19.52	21	0
20	64QAM	1	49	19.50	19.54	19.60		
20	64QAM	1	99	19.62	19.64	19.59		
20	64QAM	50	0	19.50	19.61	19.56	21	0
20	64QAM	50	24	19.47	19.49	19.55		
20	64QAM	50	50	19.69	19.52	19.67		
20	64QAM	100	0	19.57	19.53	19.64		
20	256QAM	1	0	17.56	17.55	17.61	19	2
20	256QAM	1	49	17.53	17.46	17.39		
20	256QAM	1	99	17.26	17.36	17.29		
20	256QAM	50	0	17.53	17.50	17.51	19	2
20	256QAM	50	24	17.46	17.52	17.49		
20	256QAM	50	50	17.40	17.47	17.55		
20	256QAM	100	0	17.30	17.34	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.48	19.69	19.61	21	0
15	QPSK	1	37	19.57	19.49	19.59		
15	QPSK	1	74	19.55	19.61	19.65		
15	QPSK	36	0	19.53	19.53	19.57	21	0
15	QPSK	36	20	19.58	19.56	19.43		
15	QPSK	36	39	19.48	19.47	19.59		
15	QPSK	75	0	19.47	19.55	19.38		
15	16QAM	1	0	19.52	19.52	19.48	21	0
15	16QAM	1	37	19.44	19.39	19.53		
15	16QAM	1	74	19.60	19.55	19.58		
15	16QAM	36	0	19.52	19.65	19.36	21	0
15	16QAM	36	20	19.52	19.38	19.47		
15	16QAM	36	39	19.65	19.55	19.64		
15	16QAM	75	0	19.52	19.57	19.43		
15	64QAM	1	0	19.47	19.52	19.49	21	0
15	64QAM	1	37	19.33	19.43	19.55		
15	64QAM	1	74	19.52	19.54	19.49		
15	64QAM	36	0	19.37	19.42	19.49	21	0
15	64QAM	36	20	19.33	19.59	19.40		
15	64QAM	36	39	19.68	19.47	19.60		
15	64QAM	75	0	19.53	19.47	19.49		
15	256QAM	1	0	17.49	17.41	17.46	19	2
15	256QAM	1	37	17.43	17.39	17.31		
15	256QAM	1	74	17.16	17.34	17.12		
15	256QAM	36	0	17.41	17.47	17.48	19	2
15	256QAM	36	20	17.44	17.46	17.48		
15	256QAM	36	39	17.36	17.36	17.36		
15	256QAM	75	0	17.27	17.19	17.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.53	19.53	19.63	21	0
10	QPSK	1	25	19.49	19.55	19.63		
10	QPSK	1	49	19.67	19.43	19.48		
10	QPSK	25	0	19.47	19.56	19.48	21	0
10	QPSK	25	12	19.43	19.44	19.52		
10	QPSK	25	25	19.51	19.53	19.46		
10	QPSK	50	0	19.40	19.51	19.42		
10	16QAM	1	0	19.52	19.52	19.46	21	0
10	16QAM	1	25	19.52	19.46	19.50		
10	16QAM	1	49	19.68	19.52	19.52		
10	16QAM	25	0	19.50	19.52	19.38	21	0
10	16QAM	25	12	19.61	19.45	19.51		
10	16QAM	25	25	19.54	19.51	19.62		
10	16QAM	50	0	19.37	19.51	19.61		
10	64QAM	1	0	19.56	19.59	19.52	21	0
10	64QAM	1	25	19.32	19.37	19.55		
10	64QAM	1	49	19.49	19.63	19.57		
10	64QAM	25	0	19.31	19.53	19.51	21	0
10	64QAM	25	12	19.56	19.60	19.44		
10	64QAM	25	25	19.54	19.46	19.54		
10	64QAM	50	0	19.52	19.45	19.49		
10	256QAM	1	0	17.37	17.45	17.57	19	2
10	256QAM	1	25	17.51	17.40	17.23		
10	256QAM	1	49	17.24	17.21	17.17		
10	256QAM	25	0	17.34	17.33	17.42	19	2
10	256QAM	25	12	17.38	17.38	17.31		
10	256QAM	25	25	17.34	17.33	17.54		
10	256QAM	50	0	17.16	17.26	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.54	19.69	19.47	21	0
5	QPSK	1	12	19.56	19.61	19.68		
5	QPSK	1	24	19.50	19.51	19.48		
5	QPSK	12	0	19.53	19.58	19.49	21	0
5	QPSK	12	7	19.46	19.53	19.52		
5	QPSK	12	13	19.43	19.50	19.53		
5	QPSK	25	0	19.53	19.58	19.49		
5	16QAM	1	0	19.39	19.47	19.54	21	0
5	16QAM	1	12	19.48	19.41	19.52		
5	16QAM	1	24	19.64	19.51	19.50		
5	16QAM	12	0	19.52	19.46	19.42	21	0
5	16QAM	12	7	19.54	19.33	19.54		
5	16QAM	12	13	19.38	19.53	19.52		
5	16QAM	25	0	19.52	19.53	19.64		
5	64QAM	1	0	19.43	19.54	19.35	21	0
5	64QAM	1	12	19.44	19.51	19.44		
5	64QAM	1	24	19.50	19.53	19.49		
5	64QAM	12	0	19.37	19.57	19.44	21	0
5	64QAM	12	7	19.60	19.65	19.45		
5	64QAM	12	13	19.55	19.50	19.48		
5	64QAM	25	0	19.53	19.58	19.49		
5	256QAM	1	0	17.43	17.55	17.43	19	2
5	256QAM	1	12	17.41	17.43	17.28		
5	256QAM	1	24	17.08	17.27	17.10		
5	256QAM	12	0	17.37	17.45	17.42	19	2
5	256QAM	12	7	17.40	17.45	17.49		
5	256QAM	12	13	17.33	17.35	17.40		
5	256QAM	25	0	17.12	17.32	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.50	19.66	19.54	21	0
3	QPSK	1	8	19.50	19.53	19.51		
3	QPSK	1	14	19.56	19.43	19.51		
3	QPSK	8	0	19.56	19.58	19.57	21	0
3	QPSK	8	4	19.51	19.54	19.36		
3	QPSK	8	7	19.49	19.38	19.60		
3	QPSK	15	0	19.55	19.51	19.44		
3	16QAM	1	0	19.59	19.37	19.41	21	0
3	16QAM	1	8	19.39	19.53	19.36		
3	16QAM	1	14	19.53	19.48	19.45		
3	16QAM	8	0	19.57	19.55	19.46	21	0
3	16QAM	8	4	19.52	19.40	19.59		
3	16QAM	8	7	19.55	19.48	19.53		
3	16QAM	15	0	19.51	19.56	19.60		
3	64QAM	1	0	19.47	19.53	19.32	21	0
3	64QAM	1	8	19.36	19.34	19.54		
3	64QAM	1	14	19.58	19.59	19.45		
3	64QAM	8	0	19.33	19.46	19.48	21	0
3	64QAM	8	4	19.52	19.60	19.49		
3	64QAM	8	7	19.64	19.47	19.51		
3	64QAM	15	0	19.56	19.48	19.55		
3	256QAM	1	0	17.50	17.50	17.43	19	2
3	256QAM	1	8	17.42	17.36	17.19		
3	256QAM	1	14	17.21	17.27	17.25		
3	256QAM	8	0	17.38	17.42	17.40	19	2
3	256QAM	8	4	17.37	17.47	17.46		
3	256QAM	8	7	17.23	17.42	17.51		
3	256QAM	15	0	17.29	17.15	17.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.57	19.55	19.60	21	0
1.4	QPSK	1	3	19.49	19.56	19.63		
1.4	QPSK	1	5	19.51	19.59	19.57		
1.4	QPSK	3	0	19.57	19.67	19.41		
1.4	QPSK	3	1	19.46	19.45	19.44		
1.4	QPSK	3	3	19.39	19.39	19.49		
1.4	QPSK	6	0	19.51	19.50	19.50	21	0
1.4	16QAM	1	0	19.51	19.50	19.52	21	0
1.4	16QAM	1	3	19.55	19.37	19.52		
1.4	16QAM	1	5	19.58	19.53	19.56		
1.4	16QAM	3	0	19.57	19.62	19.50		
1.4	16QAM	3	1	19.66	19.33	19.61		
1.4	16QAM	3	3	19.65	19.47	19.68		
1.4	16QAM	6	0	19.50	19.58	19.63	21	0
1.4	64QAM	1	0	19.49	19.64	19.47	21	0
1.4	64QAM	1	3	19.31	19.51	19.52		
1.4	64QAM	1	5	19.51	19.62	19.41		
1.4	64QAM	3	0	19.33	19.58	19.41		
1.4	64QAM	3	1	19.57	19.52	19.42		
1.4	64QAM	3	3	19.66	19.49	19.54		
1.4	64QAM	6	0	19.46	19.52	19.54	21	0
1.4	256QAM	1	0	17.52	17.41	17.60	19	2
1.4	256QAM	1	3	17.40	17.40	17.32		
1.4	256QAM	1	5	17.24	17.25	17.15		
1.4	256QAM	3	0	17.43	17.39	17.50		
1.4	256QAM	3	1	17.37	17.33	17.35		
1.4	256QAM	3	3	17.21	17.44	17.46		
1.4	256QAM	6	0	17.23	17.25	17.26	19	2

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BW [MHz]	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	20.37	20.40	20.27	21	0
20	QPSK	1	49	20.28	20.39	20.31		
20	QPSK	1	99	20.26	20.34	20.38		
20	QPSK	50	0	20.23	20.36	20.25	21	0
20	QPSK	50	24	20.22	20.30	20.25		
20	QPSK	50	50	20.31	20.21	20.31		
20	QPSK	100	0	20.34	20.35	20.25		
20	16QAM	1	0	20.27	20.39	20.22	21	0
20	16QAM	1	49	20.32	20.21	20.24		
20	16QAM	1	99	20.28	20.38	20.36		
20	16QAM	50	0	20.35	20.33	20.35	21	0
20	16QAM	50	24	20.30	20.39	20.34		
20	16QAM	50	50	20.35	20.28	20.37		
20	16QAM	100	0	20.23	20.27	20.31		
20	64QAM	1	0	20.25	20.32	20.33	21	0
20	64QAM	1	49	20.39	20.36	20.21		
20	64QAM	1	99	20.25	20.23	20.25		
20	64QAM	50	0	20.27	20.28	20.35	21	0
20	64QAM	50	24	20.21	20.22	20.34		
20	64QAM	50	50	20.21	20.26	20.26		
20	64QAM	100	0	20.39	20.38	20.36		
20	256QAM	1	0	18.10	18.14	18.14	19	2
20	256QAM	1	49	18.01	17.96	17.79		
20	256QAM	1	99	17.83	17.87	17.72		
20	256QAM	50	0	18.00	18.05	18.02	19	2
20	256QAM	50	24	17.90	17.95	17.95		
20	256QAM	50	50	17.85	18.03	18.06		
20	256QAM	100	0	17.81	17.80	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.36	20.38	20.21	21	0
15	QPSK	1	37	20.21	20.29	20.31		
15	QPSK	1	74	20.12	20.20	20.30		
15	QPSK	36	0	20.04	20.36	20.14	21	0
15	QPSK	36	20	20.15	20.19	20.10		
15	QPSK	36	39	20.26	20.06	20.18		
15	QPSK	75	0	20.31	20.17	20.21		
15	16QAM	1	0	20.14	20.28	20.21	21	0
15	16QAM	1	37	20.17	20.16	20.12		
15	16QAM	1	74	20.19	20.19	20.21		
15	16QAM	36	0	20.26	20.23	20.25	21	0
15	16QAM	36	20	20.23	20.21	20.27		
15	16QAM	36	39	20.29	20.26	20.36		
15	16QAM	75	0	20.19	20.17	20.13		
15	64QAM	1	0	20.20	20.27	20.13	21	0
15	64QAM	1	37	20.19	20.16	20.09		
15	64QAM	1	74	20.15	20.21	20.17		
15	64QAM	36	0	20.18	20.19	20.30	21	0
15	64QAM	36	20	20.17	20.14	20.25		
15	64QAM	36	39	20.12	20.19	20.18		
15	64QAM	75	0	20.36	20.37	20.26		
15	256QAM	1	0	18.03	18.02	18.09	19	2
15	256QAM	1	37	17.85	17.89	17.72		
15	256QAM	1	74	17.76	17.74	17.67		
15	256QAM	36	0	17.86	17.97	17.94	19	2
15	256QAM	36	20	17.84	17.88	17.90		
15	256QAM	36	39	17.74	17.77	18.00		
15	256QAM	75	0	17.67	17.67	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.30	20.28	20.20	21	0
10	QPSK	1	25	20.24	20.20	20.28		
10	QPSK	1	49	20.17	20.31	20.33		
10	QPSK	25	0	20.10	20.34	20.13	21	0
10	QPSK	25	12	20.16	20.17	20.18		
10	QPSK	25	25	20.30	20.02	20.26		
10	QPSK	50	0	20.26	20.33	20.22		
10	16QAM	1	0	20.18	20.32	20.19	21	0
10	16QAM	1	25	20.30	20.19	20.17		
10	16QAM	1	49	20.12	20.19	20.30		
10	16QAM	25	0	20.31	20.33	20.33	21	0
10	16QAM	25	12	20.16	20.25	20.21		
10	16QAM	25	25	20.31	20.12	20.27		
10	16QAM	50	0	20.13	20.15	20.18		
10	64QAM	1	0	20.07	20.31	20.31	21	0
10	64QAM	1	25	20.31	20.31	20.09		
10	64QAM	1	49	20.07	20.12	20.08		
10	64QAM	25	0	20.21	20.12	20.23	21	0
10	64QAM	25	12	20.10	20.07	20.31		
10	64QAM	25	25	20.16	20.13	20.15		
10	64QAM	50	0	20.20	20.23	20.35	21	0
10	256QAM	1	0	17.97	18.03	18.00		
10	256QAM	1	25	17.93	17.90	17.70		
10	256QAM	1	49	17.76	17.81	17.60		
10	256QAM	25	0	17.91	17.97	17.87	19	2
10	256QAM	25	12	17.80	17.85	17.87		
10	256QAM	25	25	17.70	17.88	17.99		
10	256QAM	50	0	17.67	17.74	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.36	20.27	20.18	21	0
5	QPSK	1	12	20.27	20.22	20.15		
5	QPSK	1	24	20.22	20.29	20.24		
5	QPSK	12	0	20.03	20.31	20.15	21	0
5	QPSK	12	7	20.08	20.26	20.12		
5	QPSK	12	13	20.14	20.07	20.25		
5	QPSK	25	0	20.23	20.23	20.09		
5	16QAM	1	0	20.24	20.22	20.18	21	0
5	16QAM	1	12	20.15	20.08	20.06		
5	16QAM	1	24	20.09	20.25	20.30		
5	16QAM	12	0	20.34	20.25	20.21	21	0
5	16QAM	12	7	20.19	20.20	20.31		
5	16QAM	12	13	20.18	20.26	20.25		
5	16QAM	25	0	20.15	20.09	20.23		
5	64QAM	1	0	20.06	20.13	20.24	21	0
5	64QAM	1	12	20.24	20.32	20.14		
5	64QAM	1	24	20.12	20.23	20.13		
5	64QAM	12	0	20.19	20.10	20.26	21	0
5	64QAM	12	7	20.04	20.20	20.28		
5	64QAM	12	13	20.12	20.19	20.08		
5	64QAM	25	0	20.25	20.21	20.27		
5	256QAM	1	0	18.03	18.08	18.04	19	2
5	256QAM	1	12	17.86	17.87	17.75		
5	256QAM	1	24	17.77	17.78	17.63		
5	256QAM	12	0	17.96	17.94	17.94	19	2
5	256QAM	12	7	17.80	17.83	17.79		
5	256QAM	12	13	17.80	17.93	17.96		
5	256QAM	25	0	17.75	17.70	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.20	20.28	20.11	21	0
3	QPSK	1	8	20.21	20.30	20.29		
3	QPSK	1	14	20.12	20.23	20.33		
3	QPSK	8	0	20.08	20.33	20.23	21	0
3	QPSK	8	4	20.21	20.20	20.16		
3	QPSK	8	7	20.21	20.06	20.15		
3	QPSK	15	0	20.28	20.24	20.06		
3	16QAM	1	0	20.22	20.30	20.20	21	0
3	16QAM	1	8	20.25	20.02	20.22		
3	16QAM	1	14	20.12	20.32	20.27		
3	16QAM	8	0	20.28	20.26	20.20	21	0
3	16QAM	8	4	20.28	20.21	20.23		
3	16QAM	8	7	20.25	20.13	20.23		
3	16QAM	15	0	20.22	20.24	20.12		
3	64QAM	1	0	20.12	20.15	20.23	21	0
3	64QAM	1	8	20.30	20.23	20.15		
3	64QAM	1	14	20.25	20.14	20.09		
3	64QAM	8	0	20.26	20.26	20.20	21	0
3	64QAM	8	4	20.17	20.11	20.31		
3	64QAM	8	7	20.02	20.17	20.10		
3	64QAM	15	0	20.22	20.19	20.20		
3	256QAM	1	0	18.04	18.03	18.05	19	2
3	256QAM	1	8	17.96	17.81	17.68		
3	256QAM	1	14	17.77	17.82	17.56		
3	256QAM	8	0	17.93	17.93	17.91	19	2
3	256QAM	8	4	17.80	17.83	17.89		
3	256QAM	8	7	17.71	17.92	17.97		
3	256QAM	15	0	17.73	17.77	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.22	20.37	20.23	21	0
1.4	QPSK	1	3	20.09	20.29	20.11		
1.4	QPSK	1	5	20.23	20.31	20.33		
1.4	QPSK	3	0	20.09	20.32	20.14		
1.4	QPSK	3	1	20.19	20.27	20.17		
1.4	QPSK	3	3	20.14	20.11	20.30		
1.4	QPSK	6	0	20.15	20.31	20.23	21	0
1.4	16QAM	1	0	20.11	20.25	20.14	21	0
1.4	16QAM	1	3	20.24	20.11	20.09		
1.4	16QAM	1	5	20.11	20.38	20.23		
1.4	16QAM	3	0	20.32	20.14	20.33		
1.4	16QAM	3	1	20.29	20.32	20.26		
1.4	16QAM	3	3	20.16	20.24	20.23		
1.4	16QAM	6	0	20.08	20.13	20.13	21	0
1.4	64QAM	1	0	20.15	20.21	20.32	21	0
1.4	64QAM	1	3	20.26	20.27	20.13		
1.4	64QAM	1	5	20.09	20.14	20.14		
1.4	64QAM	3	0	20.11	20.28	20.33		
1.4	64QAM	3	1	20.11	20.10	20.14		
1.4	64QAM	3	3	20.20	20.20	20.14		
1.4	64QAM	6	0	20.35	20.18	20.27	21	0
1.4	256QAM	1	0	18.02	18.07	18.05	19	2
1.4	256QAM	1	3	17.93	17.84	17.72		
1.4	256QAM	1	5	17.76	17.77	17.66		
1.4	256QAM	3	0	17.93	17.99	17.91		
1.4	256QAM	3	1	17.83	17.80	17.81		
1.4	256QAM	3	3	17.73	17.93	17.92		
1.4	256QAM	6	0	17.72	17.69	17.68	19	2

Band 4 Ant 0 DSI6

BW [MHz]	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	21.04	21.09	21.02	22.5	0
20	QPSK	1	49	21.05	21.08	20.94		
20	QPSK	1	99	21.01	20.99	21.02		
20	QPSK	50	0	20.97	21.06	21.04	22.5	0
20	QPSK	50	24	20.94	21.01	20.98		
20	QPSK	50	50	20.99	20.90	21.01		
20	QPSK	100	0	20.96	20.97	20.94		
20	16QAM	1	0	21.08	20.90	20.94	22.5	0
20	16QAM	1	49	21.05	20.94	21.04		
20	16QAM	1	99	20.91	20.96	21.05		
20	16QAM	50	0	20.42	20.38	20.46	22	0.5
20	16QAM	50	24	20.54	20.55	20.58		
20	16QAM	50	50	20.41	20.42	20.32		
20	16QAM	100	0	20.42	20.48	20.42

Band 12 Ant 0 DSI6

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.86	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.76		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.56		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.89		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.46	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI6 sig path: 300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI6

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI6 sig path: 378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.76	20.73		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.76		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.69		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI6 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.60		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.70	17.78	17.66		
5	256QAM	25	0	17.79	17.74	17.77		

Band 17 Ant 0 DSI6

BW [MHz]	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	23.06	23.11	23.03	24	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	1
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	1
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	2
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	2
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	3
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.48		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	24	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	1
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	1
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	2
5	16QAM	12	7	20.85	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	2
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	3
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

Band 25 Ant 0 DSI6

BW [MHz]	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	26690		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	19.64	19.71	19.62	21	0
20	QPSK	1	49	19.55	19.65	19.67		
20	QPSK	1	99	19.54	19.52	19.70		
20	QPSK	50	0	19.63	19.68	19.57	21	0
20	QPSK	50	24	19.58	19.61	19.55		
20	QPSK	50	50	19.59	19.61	19.63		
20	QPSK	100	0	19.55	19.62	19.57		
20	16QAM	1	0	19.55	19.68	19.64	21	0
20	16QAM	1	49	19.69	19.66	19.64		
20	16QAM	1	99	19.58	19.52	19.56		
20	16QAM	50	0	19.62	19.52	19.70	21	0
20	16QAM	50	24	19.63	19.61	19.62		
20	16QAM	50	50	19.51	19.51	19.66		
20	16QAM	100	0	19.57	19.69	19.52		
20	64QAM	1	0	19.61	19.52	19.52	21	0
20	64QAM	1	49	19.70	19.60	19.69		
20	64QAM	1	99	19.67	19.64	19.54		
20	64QAM	50	0	19.55	19.63	19.61	21	0
20	64QAM	50	24	19.55	19.63	19.53		
20	64QAM	50	50	19.53	19.68	19.63		
20	64QAM	100	0	19.58	19.60	19.53		
20	256QAM	1	0	17.57	17.69	17.46	19	2
20	256QAM	1	49	17.61	17.68	17.50		
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43	19	2
20	256QAM	50	24	17.34	17.34	17.14		
20	256QAM	50	50	17.40	17.48	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.54	19.53	19.49	21	0
15	QPSK	1	37	19.50	19.46	19.63		
15	QPSK	1	74	19.52	19.45	19.49		
15	QPSK	36	0	19.54	19.64	19.44	21	0
15	QPSK	36	20	19.54	19.61	19.44		
15	QPSK	36	39	19.44	19.43	19.57		
15	QPSK	75	0	19.49	19.57	19.42		
15	16QAM	1	0	19.51	19.63	19.47	21	0
15	16QAM	1	37	19.61	19.62	19.48		
15	16QAM	1	74	19.49	19.37	19.46		
15	16QAM	36	0	19.50	19.42	19.58	21	0
15	16QAM	36	20	19.48	19.49	19.60		
15	16QAM	36	39	19.47	19.31	19.59		
15	16QAM	75	0	19.42	19.66	19.45		
15	64QAM	1	0	19.54	19.33	19.39	21	0
15	64QAM	1	37	19.61	19.48	19.57		
15	64QAM	1	74	19.49	19.63	19.35		
15	64QAM	36	0	19.49	19.51	19.55	21	0
15	64QAM	36	20	19.42	19.45	19.46		
15	64QAM	36	39	19.46	19.65	19.45		
15	64QAM	75	0	19.41	19.53	19.42		
15	256QAM	1	0	17.45	17.53	17.31	19	2
15	256QAM	1	37	17.42	17.59	17.37		
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32	19	2
15	256QAM	36	20	17.15	17.15	17.00		
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.54	19.61	19.51	21	0
10	QPSK	1	25	19.44	19.57	19.67		
10	QPSK	1	49	19.49	19.43	19.50		
10	QPSK	25	0	19.58	19.65	19.45	21	0
10	QPSK	25	12	19.40	19.55	19.55		
10	QPSK	25	25	19.46	19.53	19.43		
10	QPSK	50	0	19.38	19.54	19.47		
10	16QAM	1	0	19.38	19.52	19.53	21	0
10	16QAM	1	25	19.60	19.59	19.63		
10	16QAM	1	49	19.45	19.35	19.55		
10	16QAM	25	0	19.56	19.36	19.63	21	0
10	16QAM	25	12	19.56	19.46	19.56		
10	16QAM	25	25	19.38	19.46	19.63		
10	16QAM	50	0	19.55	19.60	19.47		
10	64QAM	1	0	19.60	19.42	19.50	21	0
10	64QAM	1	25	19.62	19.56	19.66		
10	64QAM	1	49	19.52	19.47	19.36		
10	64QAM	25	0	19.37	19.52	19.48	21	0
10	64QAM	25	12	19.51	19.48	19.40		
10	64QAM	25	25	19.42	19.58	19.48		
10	64QAM	50	0	19.44	19.59	19.43		
10	256QAM	1	0	17.42	17.61	17.44	19	2
10	256QAM	1	25	17.56	17.53	17.40		
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27	19	2
10	256QAM	25	12	17.37	17.15	17.07		
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.63	19.65	19.47	21	0
5	QPSK	1	12	19.50	19.58	19.52		
5	QPSK	1	24	19.46	19.53	19.50		
5	QPSK	12	0	19.44	19.65	19.53	21	0
5	QPSK	12	7	19.42	19.49	19.49		
5	QPSK	12	13	19.50	19.56	19.53		
5	QPSK	25	0	19.43	19.46	19.40		
5	16QAM	1	0	19.50	19.57	19.55	21	0
5	16QAM	1	12	19.68	19.60	19.44		
5	16QAM	1	24	19.40	19.38	19.45		
5	16QAM	12	0	19.46	19.44	19.50	21	0
5	16QAM	12	7	19.58	19.55	19.60		
5	16QAM	12	13	19.41	19.33	19.65		
5	16QAM	25	0	19.41	19.62	19.39		
5	64QAM	1	0	19.52	19.43	19.32	21	0
5	64QAM	1	12	19.65	19.51	19.60		
5	64QAM	1	24	19.57	19.60	19.40		
5	64QAM	12	0	19.45	19.55	19.56	21	0
5	64QAM	12	7	19.47	19.48	19.41		
5	64QAM	12	13	19.50	19.54	19.48		
5	64QAM	25	0	19.52	19.46	19.43		
5	256QAM	1	0	17.48	17.61	17.29	19	2
5	256QAM	1	12	17.50	17.58	17.46		
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26	19	2
5	256QAM	12	7	17.21	17.25	17.02		
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26065	26740	27415	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.44	19.61	19.53	21	0
3	QPSK	1	8	19.36	19.49	19.51		
3	QPSK	1	14	19.47	19.43	19.50	21	0
3	QPSK	8	0	19.51	19.48	19.53		
3	QPSK	8	4	19.56	19.56	19.49		
3	QPSK	8	7	19.43	19.51	19.51		
3	QPSK	15	0	19.49	19.51	19.49	21	0
3	16QAM	1	0	19.40	19.61	19.47		
3	16QAM	1	8	19.63	19.51	19.57		
3	16QAM	1	14	19.54	19.46	19.52		
3	16QAM	8	0	19.51	19.35	19.56	21	0
3	16QAM	8	4	19.55	19.47	19.43		
3	16QAM	8	7	19.50	19.34	19.55		
3	16QAM	15	0	19.39	19.49	19.36	21	0
3	64QAM	1	0	19.47	19.38	19.46		
3	64QAM	1	8	19.51	19.57	19.56		
3	64QAM	1	14	19.59	19.64	19.41		
3	64QAM	8	0	19.41	19.59	19.53	21	0
3	64QAM	8	4	19.42	19.59	19.34		
3	64QAM	8	7	19.35	19.51	19.57		
3	64QAM	15	0	19.46	19.45	19.41		
3	256QAM	1	0	17.41	17.64	17.41	19	2
3	256QAM	1	8	17.59	17.58	17.34		
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36	19	2
3	256QAM	8	4	17.26	17.21	17.11		
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.15	17.30	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.50	19.61	19.52	21	0
1.4	QPSK	1	3	19.54	19.54	19.55		
1.4	QPSK	1	5	19.52	19.49	19.48		
1.4	QPSK	3	0	19.49	19.61	19.39		
1.4	QPSK	3	1	19.42	19.58	19.54		
1.4	QPSK	3	3	19.43	19.59	19.52		
1.4	QPSK	6	0	19.54	19.50	19.51	21	0
1.4	16QAM	1	0	19.51	19.53	19.50	21	0
1.4	16QAM	1	3	19.63	19.50	19.57		
1.4	16QAM	1	5	19.51	19.51	19.45		
1.4	16QAM	3	0	19.43	19.45	19.69		
1.4	16QAM	3	1	19.49	19.51	19.48		
1.4	16QAM	3	3	19.32	19.50	19.64		
1.4	16QAM	6	0	19.39	19.52	19.43	21	0
1.4	64QAM	1	0	19.53	19.43	19.45	21	0
1.4	64QAM	1	3	19.70	19.40	19.57		
1.4	64QAM	1	5	19.52	19.51	19.44		
1.4	64QAM	3	0	19.45	19.62	19.52		
1.4	64QAM	3	1	19.48	19.56	19.35		
1.4	64QAM	3	3	19.36	19.57	19.45		
1.4	64QAM	6	0	19.40	19.44	19.40	21	0
1.4	256QAM	1	0	17.47	17.50	17.44	19	2
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41		
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	2

Band 26 for FCC Ant 0 DSI6

BW [MHz]	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	22.79	22.80	22.78	24	0
15	QPSK	1	37	22.77	22.79	22.78		
15	QPSK	1	74	22.64	22.73	22.65		
15	QPSK	36	0	21.60	21.64	21.60	23	1
15	QPSK	36	20	21.31	21.38	21.29		
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.34	21.31		
15	16QAM	1	0	21.55	21.58	21.47	23	1
15	16QAM	1	37	21.41	21.44	21.37		
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54	22	2
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	2
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	3
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.64	22.64	22.67	24	0
10	QPSK	1	25	22.73	22.60	22.77		
10	QPSK	1	49	22.47	22.54	22.59		
10	QPSK	25	0	21.52	21.45	21.45	23	1
10	QPSK	25	12	21.13	21.37	21.23		
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33	23	1
10	16QAM	1	25	21.37	21.41	21.28		
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35	22	2
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	2
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	3
10	64QAM	25	12	19.29	19.25	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.72	22.73	24	0
5	QPSK	1	12	22.64	22.71	22.74		
5	QPSK	1	24	22.63	22.58	22.62		
5	QPSK	12	0	21.50	21.56	21.45	23	1
5	QPSK	12	7	21.19	21.27	21.27		
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38	23	1
5	16QAM	1	12	21.23	21.40	21.20		
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36	22	2
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	2
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	3
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.67	22.65	24	0
3	QPSK	1	8	22.68	22.67	22.61		
3	QPSK	1	14	22.48	22.64	22.63		
3	QPSK	8	0	21.40	21.56	21.48	23	1
3	QPSK	8	4	21.24	21.38	21.17		
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28	23	1
3	16QAM	1	8	21.33	21.36	21.26		
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51	22	2
3	16QAM	8	4	20.27	20.27	20.34		
3	16QAM	8	7	20.36	20.45	20.24		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50	22	2
3	64QAM	1	8	20.31	20.43	20.39		
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47	21	3
3	64QAM	8	4	19.26	19.32	19.41		
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36	19	5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.43	17.29	19	5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.72	22.74	22.67	24	0
1.4	QPSK	1	3	22.66	22.70	22.61		
1.4	QPSK	1	5	22.56	22.66	22.64		
1.4	QPSK	3	0	22.64	22.71	22.72		
1.4	QPSK	3	1	22.58	22.60	22.66		
1.4	QPSK	3	3	22.63	22.59	22.55		
1.4	QPSK	6	0	21.57	21.61	21.54	23	1
1.4	16QAM	1	0	21.16	21.32	21.24	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12		
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.28	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	2
1.4	64QAM	1	0	20.33	20.37	20.41	22	2
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39		
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.43	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	3
1.4	256QAM	1	0	17.39	17.37	17.47	19	5
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57		
1.4	256QAM	3	0	17.27	17.33	17.41		
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.08	17.21	17.23	19	5

Band 26 for FCC Ant 0 DSI6 sig path: 320

BW [MHz]	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	23.31	23.36	23.33	24	0
15	QPSK	1	37	23.24	23.33	23.28		
15	QPSK	1	74	23.17	23.25	23.12		
15	QPSK	36	0	22.03	22.13	22.10	23	1
15	QPSK	36	20	21.79	21.86	21.85		
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94	23	1
15	16QAM	1	37	21.92	21.88	21.90		
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	21.06	22	2
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11	22	2
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	3
15	64QAM	36	20	19.88	19.85	19.96		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.18	23.32	23.19	24	0
10	QPSK	1	25	23.10	23.25	23.20		
10	QPSK	1	49	23.15	23.18	22.95		
10	QPSK	25	0	22.00	22.08	21.97	23	1
10	QPSK	25	12	21.69	21.79	21.75		
10	QPSK	25	25	21.79	21.90	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88	23	1
10	16QAM	1	25	21.86	21.74	21.86		
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96	22	2
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		

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BW [MHz]	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	21.04	21.11	20.95		
20	QPSK	1	49	20.97	21.06	21.00	22.5	0
20	QPSK	1	99	20.93	21.04	21.07		
20	QPSK	50	0	20.97	21.07	20.98		
20	QPSK	50	24	20.95	20.93	21.00	22.5	0
20	QPSK	50	50	21.00	20.99	20.93		
20	QPSK	100	0	20.99	21.01	20.98		
20	16QAM	1	0	20.94	21.02	20.92		
20	16QAM	1	49	20.96	21.01	21.03	22.5	0
20	16QAM	1	99	20.93	20.91	21.05		
20	16QAM	50	0	20.99	20.67	20.53		
20	16QAM	50	24	20.73	20.62	20.65	22	0.5
20	16QAM	50	50	20.42	20.49	20.40		
20	16QAM	100	0	20.69	20.61	20.60		
20	64QAM	1	0	20.62	20.56	20.58		
20	64QAM	1	49	20.44	20.53	20.55	22	0.5
20	64QAM	1	99	20.54	20.54	20.36		
20	64QAM	50	0	19.62	19.56	19.51		
20	64QAM	50	24	19.48	19.60	19.25	21	1.5
20	64QAM	50	50	19.48	19.54	19.66		
20	64QAM	100	0	19.55	19.54	19.36		
20	256QAM	1	0	17.56	17.67	17.48		
20	256QAM	1	49	17.53	17.60	17.45	19	3.5
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44		
20	256QAM	50	24	17.31	17.49	17.14	19	3.5
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.85	21.00	20.94		
15	QPSK	1	37	20.83	20.93	20.82	22.5	0
15	QPSK	1	74	20.76	20.96	20.99		
15	QPSK	36	0	20.93	20.95	20.85		
15	QPSK	36	20	20.92	20.79	20.80	22.5	0
15	QPSK	36	39	20.82	20.82	20.74		
15	QPSK	75	0	20.97	20.97	20.80		
15	16QAM	1	0	20.85	20.89	20.85		
15	16QAM	1	37	20.87	20.92	20.87	22.5	0
15	16QAM	1	74	20.91	20.85	21.01		
15	16QAM	36	0	20.48	20.60	20.36		
15	16QAM	36	20	20.69	20.45	20.51	22	0.5
15	16QAM	36	39	20.25	20.49	20.24		
15	16QAM	75	0	20.59	20.55	20.44		
15	64QAM	1	0	20.60	20.43	20.56		
15	64QAM	1	37	20.25	20.49	20.49	22	0.5
15	64QAM	1	74	20.43	20.41	20.28		
15	64QAM	36	0	19.53	19.36	19.48		
15	64QAM	36	20	19.29	19.44	19.24	21	1.5
15	64QAM	36	39	19.32	19.49	19.54		
15	64QAM	75	0	19.53	19.43	19.21		
15	256QAM	1	0	17.55	17.49	17.38		
15	256QAM	1	37	17.49	17.42	17.28	19	3.5
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34		
15	256QAM	36	20	17.30	17.35	17.04	19	3.5
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.01	20.99	20.83		
10	QPSK	1	25	20.87	21.04	20.93	22.5	0
10	QPSK	1	49	20.85	20.99	20.90		
10	QPSK	25	0	20.94	20.92	20.84		
10	QPSK	25	12	20.92	20.92	20.92	22.5	0
10	QPSK	25	25	20.81	20.81	20.77		
10	QPSK	50	0	20.84	20.84	20.88		
10	16QAM	1	0	20.94	20.82	20.80		
10	16QAM	1	25	20.79	20.96	21.02	22.5	0
10	16QAM	1	49	20.79	20.89	20.87		
10	16QAM	25	0	20.52	20.61	20.50		
10	16QAM	25	12	20.54	20.51	20.64	22	0.5
10	16QAM	25	25	20.37	20.36	20.24		
10	16QAM	50	0	20.50	20.51	20.57		
10	64QAM	1	0	20.49	20.53	20.39		
10	64QAM	1	25	20.44	20.53	20.37	22	0.5
10	64QAM	1	49	20.51	20.36	20.19		
10	64QAM	25	0	19.52	19.50	19.33		
10	64QAM	25	12	19.31	19.44	19.14	21	1.5
10	64QAM	25	25	19.30	19.51	19.52		
10	64QAM	50	0	19.46	19.45	19.30		
10	256QAM	1	0	17.37	17.51	17.42		
10	256QAM	1	25	17.36	17.41	17.42	19	3.5
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31		
10	256QAM	25	12	17.30	17.34	17.08	19	3.5
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.85	21.05	20.95		
5	QPSK	1	12	20.86	20.87	20.82	22.5	0
5	QPSK	1	24	20.93	20.92	20.92		
5	QPSK	12	0	20.95	20.98	20.89		
5	QPSK	12	7	20.82	20.92	20.82	22.5	0
5	QPSK	12	13	20.89	20.88	20.76		
5	QPSK	25	0	20.92	20.84	20.87		
5	16QAM	1	0	20.94	20.98	20.83		
5	16QAM	1	12	20.80	20.91	20.91	22.5	0
5	16QAM	1	24	20.84	20.74	20.91		
5	16QAM	12	0	20.43	20.54	20.40		
5	16QAM	12	7	20.65	20.61	20.53	22	0.5
5	16QAM	12	13	20.37	20.32	20.22		
5	16QAM	25	0	20.54	20.49	20.42		
5	64QAM	1	0	20.55	20.37	20.42		
5	64QAM	1	12	20.25	20.50	20.52	22	0.5
5	64QAM	1	24	20.48	20.51	20.30		
5	64QAM	12	0	19.54	19.49	19.51		
5	64QAM	12	7	19.38	19.48	19.13	21	1.5
5	64QAM	12	13	19.29	19.46	19.46		
5	64QAM	25	0	19.51	19.51	19.31		
5	256QAM	1	0	17.37	17.60	17.43		
5	256QAM	1	12	17.51	17.55	17.26	19	3.5
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44		
5	256QAM	12	7	17.30	17.44	17.07	19	3.5
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.89	21.06	20.94		
3	QPSK	1	8	20.95	21.01	20.97	22.5	0
3	QPSK	1	14	20.77	20.98	21.00		
3	QPSK	8	0	20.93	20.97	20.95		
3	QPSK	8	4	20.78	20.91	20.92	22.5	0
3	QPSK	8	7	20.82	20.86	20.90		
3	QPSK	15	0	20.86	20.88	20.83		
3	16QAM	1	0	20.96	20.87	20.84		
3	16QAM	1	8	20.94	20.86	21.02	22.5	0
3	16QAM	1	14	20.80	20.73	21.01		
3	16QAM	8	0	20.51	20.65	20.47		
3	16QAM	8	4	20.61	20.59	20.58	22	0.5
3	16QAM	8	7	20.24	20.43	20.37		
3	16QAM	15	0	20.49	20.42	20.42		
3	64QAM	1	0	20.46	20.40	20.43		
3	64QAM	1	8	20.27	20.46	20.54	22	0.5
3	64QAM	1	14	20.35	20.41	20.22		
3	64QAM	8	0	19.43	19.38	19.46		
3	64QAM	8	4	19.38	19.42	19.14	21	1.5
3	64QAM	8	7	19.36	19.39	19.48		
3	64QAM	15	0	19.51	19.52	19.27		
3	256QAM	1	0	17.54	17.59	17.46		
3	256QAM	1	8	17.33	17.51	17.42	19	3.5
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37		
3	256QAM	8	4	17.19	17.41	17.10	19	3.5
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.86	20.96	20.82		
1.4	QPSK	1	3	20.89	21.05	20.89		
1.4	QPSK	1	5	20.86	20.96	21.04	22.5	0
1.4	QPSK	3	0	20.86	20.99	20.82		
1.4	QPSK	3	1	20.92	20.91	20.94		
1.4	QPSK	3	3	20.87	20.89	20.84		
1.4	QPSK	6	0	20.90	20.90	20.92	22.5	0
1.4	16QAM	1	0	20.75	20.87	20.75		
1.4	16QAM	1	3	20.84	20.90	20.96		
1.4	16QAM	1	5	20.76	20.74	21.04	22.5	0
1.4	16QAM	3	0	20.88	20.91	20.85		
1.4	16QAM	3	1	20.81	20.91	20.87		
1.4	16QAM	3	3	20.83	21.06	20.90		
1.4	16QAM	6	0	20.59	20.57	20.49	22	0.5
1.4	64QAM	1	0	20.65	20.44	20.49		
1.4	64QAM	1	3	20.31	20.48	20.21		
1.4	64QAM	1	5	20.51	20.42	20.54	22	0.5
1.4	64QAM	3	0	20.61	20.54	20.53		
1.4	64QAM	3	1	20.25	20.46	20.36		
1.4	64QAM	3	3	20.52	20.47	20.18		
1.4	64QAM	6	0	19.46	19.54	19.12	21	1.5
1.4	256QAM	1	0	17.37	17.49	17.39		
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49	19	3.5
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	3.5

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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	21.15	21.24	21.18		
20	QPSK	1	49	21.19	21.17	21.02	22.5	0
20	QPSK	1	99	21.12	21.05	21.08		
20	QPSK	50	0	21.09	21.21	21.20		
20	QPSK	50	24	21.13	21.07	21.13	22.5	0
20	QPSK	50	50	21.07	21.03	21.16		
20	QPSK	100	0	21.15	21.16	21.09		
20	16QAM	1	0	21.00	21.16	21.12		
20	16QAM	1	49	21.10	21.06	21.03	22.5	0
20	16QAM	1	99	21.01	21.17	21.01		
20	16QAM	50	0	20.67	20.79	20.60		
20	16QAM	50	24	20.81	20.76	20.80	22	0.5
20	16QAM	50	50	20.60	20.66	20.52		
20	16QAM	100	0	20.87	20.78	20.68		
20	64QAM	1	0	20.78	20.76	20.66		
20	64QAM	1	49	20.60	20.62	20.68	22	0.5
20	64QAM	1	99	20.68	20.70	20.51		
20	64QAM	50	0	19.75	19.67	19.73		
20	64QAM	50	24	19.67	19.82	19.34	21	1.5
20	64QAM	50	50	19.58	19.71	19.80		
20	64QAM	100	0	19.64	19.65	19.57		
20	256QAM	1	0	17.76	17.75	17.67		
20	256QAM	1	49	17.64	17.70	17.63	19	3.5
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55		
20	256QAM	50	24	17.49	17.66	17.33	19	3.5
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.98	21.15	21.00		
15	QPSK	1	37	21.16	21.16	21.00	22.5	0
15	QPSK	1	74	21.08	20.98	20.88		
15	QPSK	36	0	20.93	21.11	21.01		
15	QPSK	36	20	21.04	20.92	21.07	22.5	0
15	QPSK	36	39	20.97	20.90	20.97		
15	QPSK	75	0	21.09	21.14	21.00		
15	16QAM	1	0	20.89	20.98	21.09		
15	16QAM	1	37	21.08	21.06	20.94	22.5	0
15	16QAM	1	74	20.94	21.12	20.87		
15	16QAM	36	0	20.52	20.65	20.47		
15	16QAM	36	20	20.66	20.58	20.68	22	0.5
15	16QAM	36	39	20.51	20.63	20.45		
15	16QAM	75	0	20.74	20.63	20.62		
15	64QAM	1	0	20.74	20.66	20.49		
15	64QAM	1	37	20.47	20.55	20.64	22	0.5
15	64QAM	1	74	20.54	20.58	20.33		
15	64QAM	36	0	19.71	19.59	19.70		
15	64QAM	36	20	19.53	19.73	19.70	21	1.5
15	64QAM	36	39	19.55	19.57	19.77		
15	64QAM	75	0	19.50	19.66	19.56		
15	256QAM	1	0	17.68	17.60	17.55		
15	256QAM	1	37	17.58	17.66	17.51	19	3.5
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64		
15	256QAM	36	20	17.70	17.65	17.67	19	3.5
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.03	21.12	21.17		
10	QPSK	1	25	21.01	20.99	20.98	22.5	0
10	QPSK	1	49	21.07	21.00	20.94		
10	QPSK	25	0	21.00	21.02	21.02		
10	QPSK	25	12	21.07	20.93	20.95	22.5	0
10	QPSK	25	25	20.89	20.94	21.12		
10	QPSK	50	0	21.07	21.01	20.92		
10	16QAM	1	0	20.93	21.01	21.03		
10	16QAM	1	25	20.93	21.05	20.84	22.5	0
10	16QAM	1	49	20.86	21.10	20.87		
10	16QAM	25	0	20.51	20.74	20.56		
10	16QAM	25	12	20.65	20.62	20.73	22	0.5
10	16QAM	25	25	20.53	20.63	20.38		
10	16QAM	50	0	20.77	20.66	20.54		
10	64QAM	1	0	20.68	20.69	20.60		
10	64QAM	1	25	20.55	20.53	20.50	22	0.5
10	64QAM	1	49	20.62	20.59	20.37		
10	64QAM	25	0	19.67	19.57	19.68		
10	64QAM	25	12	19.51	19.73	19.76	21	1.5
10	64QAM	25	25	19.63	19.60	19.71		
10	64QAM	50	0	19.59	19.65	19.60		
10	256QAM	1	0	17.59	17.71	17.60		
10	256QAM	1	25	17.55	17.58	17.54	19	3.5
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61		
10	256QAM	25	12	17.72	17.65	17.61	19	3.5
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.10	21.09	21.12		
5	QPSK	1	12	21.10	21.10	20.88	22.5	0
5	QPSK	1	24	21.04	20.96	21.04		
5	QPSK	12	0	20.92	21.06	21.09		
5	QPSK	12	7	21.06	20.94	21.07	22.5	0
5	QPSK	12	13	21.03	20.84	20.97		
5	QPSK	25	0	21.13	21.03	20.95		
5	16QAM	1	0	20.92	21.06	20.96		
5	16QAM	1	12	20.92	21.01	20.87	22.5	0
5	16QAM	1	24	20.88	21.05	20.85		
5	16QAM	12	0	20.56	20.71	20.44		
5	16QAM	12	7	20.64	20.62	20.78	22	0.5
5	16QAM	12	13	20.50	20.58	20.47		
5	16QAM	25	0	20.70	20.68	20.54		
5	64QAM	1	0	20.61	20.64	20.55		
5	64QAM	1	12	20.58	20.45	20.61	22	0.5
5	64QAM	1	24	20.64	20.67	20.40		
5	64QAM	12	0	19.60	19.56	19.61		
5	64QAM	12	7	19.52	19.66	19.72	21	1.5
5	64QAM	12	13	19.68	19.57	19.72		
5	64QAM	25	0	19.58	19.64	19.66		
5	256QAM	1	0	17.60	17.71	17.60		
5	256QAM	1	12	17.59	17.59	17.58	19	3.5
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57		
5	256QAM	12	7	17.73	17.60	17.58	19	3.5
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.06	21.09	21.06		
3	QPSK	1	8	21.03	21.05	20.89	22.5	0
3	QPSK	1	14	21.06	20.96	20.98		
3	QPSK	8	0	20.96	21.06	21.05		
3	QPSK	8	4	21.03	21.03	20.97	22.5	0
3	QPSK	8	7	21.05	20.98	21.15		
3	QPSK	15	0	21.10	20.97	20.98		
3	16QAM	1	0	20.81	21.12	21.11		
3	16QAM	1	8	21.02	20.96	20.83	22.5	0
3	16QAM	1	14	20.88	21.01	20.90		
3	16QAM	8	0	20.49	20.64	20.58		
3	16QAM	8	4	20.65	20.58	20.66	22	0.5
3	16QAM	8	7	20.51	20.51	20.42		
3	16QAM	15	0	20.73	20.75	20.63		
3	64QAM	1	0	20.64	20.58	20.57		
3	64QAM	1	8	20.54	20.50	20.64	22	0.5
3	64QAM	1	14	20.64	20.62	20.37		
3	64QAM	8	0	19.66	19.49	19.61		
3	64QAM	8	4	19.61	19.70	19.69	21	1.5
3	64QAM	8	7	19.55	19.65	19.78		
3	64QAM	15	0	19.55	19.63	19.59		
3	256QAM	1	0	17.60	17.66	17.59		
3	256QAM	1	8	17.60	17.65	17.55	19	3.5
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66		
3	256QAM	8	4	17.61	17.63	17.67	19	3.5
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.12	21.19	21.11		
1.4	QPSK	1	3	21.06	21.06	20.83		
1.4	QPSK	1	5	20.95	20.91	20.94	22.5	0
1.4	QPSK	3	0	21.02	21.12	21.05		
1.4	QPSK	3	1	21.06	20.99	21.13		
1.4	QPSK	3	3	21.01	20.90	21.08		
1.4	QPSK	6	0	20.96	21.12	20.95	22.5	0
1.4	16QAM	1	0	20.97	21.03	20.98		
1.4	16QAM	1	3	20.92	20.91	20.90		
1.4	16QAM	1	5	21.01	21.11	21.00	22.5	0
1.4	16QAM	3	0	20.94	21.08	20.91		
1.4	16QAM	3	1	20.99	21.03	21.02		
1.4	16QAM	3	3	21.02	21.00	20.97		
1.4	16QAM	6	0	20.76	20.80	20.60	22	0.5
1.4	64QAM	1	0	20.75	20.56	20.62		
1.4	64QAM	1	3	20.50	20.59	20.43		
1.4	64QAM	1	5	20.73	20.64	20.71	22	0.5
1.4	64QAM	3	0	20.69	20.76	20.71		
1.4	64QAM	3	1	20.48	20.60	20.49		
1.4	64QAM	3	3	20.62	20.66	20.26		
1.4	64QAM	6	0	19.60	19.64	19.28	21	1.5
1.4	256QAM	1	0	17.55	17.58	17.56		
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61	19	3.5
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	3.5

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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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89		
20	QPSK	1	49	22.62	22.64	22.77	24	0
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62		
20	QPSK	50	24	21.81	21.75	21.81	23	1
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68		
20	16QAM	1	49	21.70	21.78	21.65	23	1
20	16QAM	1	99	21

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BW [MHz]	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	21.02	21.09	21.00		
20	QPSK	1	49	20.92	20.96	21.08	22	0
20	QPSK	1	99	21.05	21.06	20.99		
20	QPSK	50	0	21.04	21.06	21.03		
20	QPSK	50	24	21.01	20.99	21.05	22	0
20	QPSK	50	50	21.02	20.93	21.05		
20	QPSK	100	0	20.99	21.01	20.91		
20	16QAM	1	0	21.06	20.96	20.91		
20	16QAM	1	49	21.06	21.00	21.07	22	0
20	16QAM	1	99	20.91	21.02	20.99		
20	16QAM	50	0	20.91	21.04	21.01		
20	16QAM	50	24	21.04	21.01	21.04	22	0
20	16QAM	50	50	21.06	21.08	21.02		
20	16QAM	100	0	21.05	20.91	21.03		
20	64QAM	1	0	21.03	20.97	20.99		
20	64QAM	1	49	20.93	20.93	20.95	22	0
20	64QAM	1	99	21.04	20.98	20.95		
20	64QAM	50	0	19.39	19.48	19.45		
20	64QAM	50	24	19.23	19.38	19.33	21	1
20	64QAM	50	50	19.39	19.41	19.22		
20	64QAM	100	0	19.19	19.29	19.21		
20	256QAM	1	0	17.69	17.82	17.75		
20	256QAM	1	49	17.52	17.60	17.56	19	3
20	256QAM	1	99	17.32	17.51	17.36		
20	256QAM	50	0	17.44	17.51	17.40		
20	256QAM	50	24	17.19	17.38	17.32	19	3
20	256QAM	50	50	17.26	17.36	17.20		
20	256QAM	100	0	17.23	17.43	17.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.96	20.94	20.90		
15	QPSK	1	37	20.78	20.85	21.03	22	0
15	QPSK	1	74	21.01	20.95	20.87		
15	QPSK	36	0	20.95	20.91	20.94		
15	QPSK	36	20	20.90	20.92	20.90	22	0
15	QPSK	36	39	20.89	20.84	20.95		
15	QPSK	75	0	20.87	20.89	20.82		
15	16QAM	1	0	20.90	20.88	20.83		
15	16QAM	1	37	20.97	20.95	20.98	22	0
15	16QAM	1	74	20.76	20.94	20.91		
15	16QAM	36	0	20.76	20.90	20.94		
15	16QAM	36	20	20.89	20.88	21.00	22	0
15	16QAM	36	39	20.94	20.92	20.89		
15	16QAM	75	0	20.94	20.80	20.94		
15	64QAM	1	0	20.96	20.82	20.89		
15	64QAM	1	37	20.79	20.81	20.87	22	0
15	64QAM	1	74	20.96	20.92	20.82		
15	64QAM	36	0	19.24	19.34	19.27		
15	64QAM	36	20	19.06	19.36	19.32	21	1
15	64QAM	36	39	19.36	19.37	19.19		
15	64QAM	75	0	19.03	19.21	19.08		
15	256QAM	1	0	17.65	17.75	17.65		
15	256QAM	1	37	17.43	17.48	17.48	19	3
15	256QAM	1	74	17.47	17.40	17.44		
15	256QAM	36	0	17.34	17.43	17.33		
15	256QAM	36	20	17.01	17.18	17.26	19	3
15	256QAM	36	39	17.11	17.17	17.15		
15	256QAM	75	0	17.22	17.28	17.11		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.97	21.05	20.91		
10	QPSK	1	25	20.87	20.83	20.92	22	0
10	QPSK	1	49	20.96	20.91	20.90		
10	QPSK	25	0	20.89	20.90	20.92		
10	QPSK	25	12	20.96	20.89	20.99	22	0
10	QPSK	25	25	20.91	20.88	20.91		
10	QPSK	50	0	20.94	20.91	20.84		
10	16QAM	1	0	20.92	20.83	20.81		
10	16QAM	1	25	21.00	20.85	21.00	22	0
10	16QAM	1	49	20.79	20.95	20.89		
10	16QAM	25	0	20.82	20.92	20.86		
10	16QAM	25	12	20.99	20.89	20.88	22	0
10	16QAM	25	25	20.93	20.96	20.93		
10	16QAM	50	0	21.00	20.81	20.94		
10	64QAM	1	0	20.91	20.83	20.94		
10	64QAM	1	25	20.86	20.81	20.89	22	0
10	64QAM	1	49	20.88	20.88	20.90		
10	64QAM	25	0	19.37	19.40	19.28		
10	64QAM	25	12	19.19	19.37	19.26	21	1
10	64QAM	25	25	19.26	19.27	19.20		
10	64QAM	50	0	19.18	19.22	19.08		
10	256QAM	1	0	17.50	17.72	17.56		
10	256QAM	1	25	17.32	17.57	17.40	19	3
10	256QAM	1	49	17.46	17.40	17.59		
10	256QAM	25	0	17.35	17.36	17.24		
10	256QAM	25	12	17.00	17.24	17.19	19	3
10	256QAM	25	25	17.11	17.24	17.18		
10	256QAM	50	0	17.04	17.34	17.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.96	20.94	20.90		
5	QPSK	1	12	20.76	20.86	20.95	22	0
5	QPSK	1	24	20.90	20.92	20.94		
5	QPSK	12	0	20.91	21.02	20.92		
5	QPSK	12	7	20.96	20.88	21.01	22	0
5	QPSK	12	13	20.90	20.89	20.98		
5	QPSK	25	0	20.88	20.89	20.82		
5	16QAM	1	0	20.98	20.85	20.87		
5	16QAM	1	12	21.00	20.93	20.92	22	0
5	16QAM	1	24	20.75	20.97	20.89		
5	16QAM	12	0	20.85	20.97	20.95		
5	16QAM	12	7	20.99	20.95	20.90	22	0
5	16QAM	12	13	20.97	21.00	20.95		
5	16QAM	25	0	20.98	20.77	20.92		
5	64QAM	1	0	20.89	20.91	20.91		
5	64QAM	1	12	20.78	20.81	20.91	22	0
5	64QAM	1	24	20.99	20.87	20.84		
5	64QAM	12	0	19.32	19.42	19.27		
5	64QAM	12	7	19.05	19.30	19.30	21	1
5	64QAM	12	13	19.32	19.33	19.19		
5	64QAM	25	0	19.11	19.10	19.03		
5	256QAM	1	0	17.66	17.69	17.74		
5	256QAM	1	12	17.34	17.58	17.43	19	3
5	256QAM	1	24	17.40	17.49	17.44		
5	256QAM	12	0	17.28	17.46	17.20		
5	256QAM	12	7	17.09	17.27	17.29	19	3
5	256QAM	12	13	17.17	17.22	17.07		
5	256QAM	25	0	17.10	17.40	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.50			
10	QPSK	1	25		22.15		23.5	0
10	QPSK	1	49		22.00			
10	QPSK	25	0		21.59			
10	QPSK	25	12		21.41		23	0.5
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.50			
10	16QAM	1	0		21.73			
10	16QAM	1	25		21.74		23	0.5
10	16QAM	1	49		21.53			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.36		22	1.5
10	16QAM	25	25		20.37			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.61			
10	64QAM	1	25		20.64		22	1.5
10	64QAM	1	49		20.48			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.32		21	2.5
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.35			
10	256QAM	1	0		17.75			
10	256QAM	1	25		17.60		19	4.5
10	256QAM	1	49		17.54			
10	256QAM	25	0		17.52			
10	256QAM	25	12		17.40		19	4.5
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.41			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.03	22.12	22.06		
5	QPSK	1	12	22.04	22.11	22.08	23.5	0
5	QPSK	1	24	22.04	22.06	22.01		
5	QPSK	12	0	21.36	21.50	21.35		
5	QPSK	12	7	21.22	21.25	21.31	23	0.5
5	QPSK	12	13	21.27	21.34	21.41		
5	QPSK	25	0	21.23	21.38	21.33		
5	16QAM	1	0	21.51	21.64	21.50		
5	16QAM	1	12	21.43	21.59	21.41	23	0.5
5	16QAM	1	24	21.30	21.47	21.45		
5	16QAM	12	0	20.23	20.44	20.32		
5	16QAM	12	7	20.20	20.27	20.27	22	1.5
5	16QAM	12	13	20.24	20.27	20.35		
5	16QAM	25	0	20.44	20.34	20.34		
5	64QAM	1	0	20.35	20.47	20.56		
5	64QAM	1	12	20.55	20.51	20.54	22	1.5
5	64QAM	1	24	20.26	20.38	20.28		
5	64QAM	12	0	19.25	19.35	19.35		
5	64QAM	12	7	19.09	19.21	19.20	21	2.5
5	64QAM	12	13	19.20	19.29	19.22		
5	64QAM	25	0	19.17	19.22	19.12		
5	256QAM	1	0	17.58	17.68	17.64		
5	256QAM	1	12	17.43	17.57	17.54	19	4.5
5	256QAM	1	24	17.56	17.48	17.52		
5	256QAM	12	0	17.27	17.39	17.24		
5	256QAM	12	7	17.58	17.32	17.53	19	4.5
5	256QAM	12	13	17.14	17.29	17.12		
5	256QAM	25	0	17.07	17.35	17.19		

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BW [MHz]	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	2596	2610		
20	QPSK	1	0	22.86	22.94	22.91	24	0
20	QPSK	1	49	22.56	22.68	22.58		
20	QPSK	1	99	22.71	22.78	22.62		
20	QPSK	50	0	21.68	21.84	21.65	23	1
20	QPSK	50	24	21.57	21.60	21.53		
20	QPSK	50	50	21.51	21.68	21.54		
20	QPSK	100	0	21.75	21.82	21.71		
20	16QAM	1	0	21.70	21.67	21.65	23	1
20	16QAM	1	49	21.55	21.65	21.62		
20	16QAM	1	99	21.48	21.61	21.51		
20	16QAM	50	0	20.71	20.74	20.66	22	2
20	16QAM	50	24	20.53	20.61	20.53		
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56	22	2
20	64QAM	1	49	20.44	20.47	20.50		
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67	21	3
20	64QAM	50	24	19.69	19.71	19.62		
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60	19	5
20	256QAM	1	49	17.56	17.66	17.63		
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67	19	5
20	256QAM	50	24	17.60	17.81	17.58		
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.79	22.88	22.78	24	0
15	QPSK	1	37	22.50	22.62	22.47		
15	QPSK	1	74	22.59	22.73	22.55		
15	QPSK	36	0	21.58	21.75	21.52	23	1
15	QPSK	36	20	21.41	21.52	21.47		
15	QPSK	36	39	21.47	21.62	21.44		
15	QPSK	75	0	21.60	21.72	21.65		
15	16QAM	1	0	21.54	21.55	21.52	23	1
15	16QAM	1	37	21.43	21.48	21.51		
15	16QAM	1	74	21.40	21.49	21.44		
15	16QAM	36	0	20.56	20.66	20.51	22	2
15	16QAM	36	20	20.39	20.50	20.48		
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44	22	2
15	64QAM	1	37	20.40	20.41	20.38		
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61	21	3
15	64QAM	36	20	19.55	19.62	19.54		
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51	19	5
15	256QAM	1	37	17.39	17.52	17.52		
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62	19	5
15	256QAM	36	20	17.56	17.65	17.47		
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2617		
10	QPSK	1	0	22.79	22.82	22.87	24	0
10	QPSK	1	25	22.48	22.57	22.42		
10	QPSK	1	49	22.62	22.64	22.55		
10	QPSK	25	0	21.62	21.72	21.57	23	1
10	QPSK	25	12	21.44	21.51	21.53		
10	QPSK	25	25	21.45	21.63	21.46		
10	QPSK	50	0	21.61	21.78	21.64		
10	16QAM	1	0	21.61	21.58	21.49	23	1
10	16QAM	1	25	21.51	21.54	21.50		
10	16QAM	1	49	21.34	21.54	21.35		
10	16QAM	25	0	20.56	20.59	20.50	22	2
10	16QAM	25	12	20.37	20.52	20.37		
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52	22	2
10	64QAM	1	25	20.38	20.32	20.43		
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58	21	3
10	64QAM	25	12	19.55	19.54	19.58		
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45	19	5
10	256QAM	1	25	17.50	17.55	17.53		
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60	19	5
10	256QAM	25	12	17.48	17.77	17.43		
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2619.5		
5	QPSK	1	0	22.80	22.79	22.77	24	0
5	QPSK	1	12	22.42	22.59	22.52		
5	QPSK	1	24	22.67	22.65	22.57		
5	QPSK	12	0	21.63	21.71	21.54	23	1
5	QPSK	12	7	21.47	21.55	21.58		
5	QPSK	12	13	21.45	21.55	21.44		
5	QPSK	25	0	21.70	21.73	21.62		
5	16QAM	1	0	21.60	21.54	21.48	23	1
5	16QAM	1	12	21.42	21.58	21.49		
5	16QAM	1	24	21.37	21.56	21.41		
5	16QAM	12	0	20.65	20.64	20.54	22	2
5	16QAM	12	7	20.40	20.51	20.41		
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43	22	2
5	64QAM	1	12	20.32	20.36	20.43		
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59	21	3
5	64QAM	12	7	19.64	19.60	19.62		
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51	19	5
5	256QAM	1	12	17.49	17.50	17.49		
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51	19	5
5	256QAM	12	7	17.43	17.76	17.45		
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

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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	22.87	22.85	22.97	22.91	22.90	24	0
20	QPSK	1	49	22.64	22.60	22.57	22.62	22.54		
20	QPSK	1	99	22.65	22.65	22.77	22.81	22.62		
20	QPSK	50	0	21.64	21.61	21.81	21.77	21.72	23	1
20	QPSK	50	24	21.57	21.57	21.61	21.59	21.66		
20	QPSK	50	50	21.55	21.58	21.52	21.73	21.50		
20	QPSK	100	0	21.66	21.78	21.80	21.77	21.67		
20	16QAM	1	0	21.71	21.59	21.69	21.60	21.64	23	1
20	16QAM	1	49	21.67	21.59	21.60	21.69	21.55		
20	16QAM	1	99	21.55	21.52	21.44	21.63	21.56		
20	16QAM	50	0	20.67	20.63	20.77	20.81	20.69	22	2
20	16QAM	50	24	20.59	20.56	20.46	20.58	20.57		
20	16QAM	50	50	20.63	20.65	20.47	20.64	20.55		
20	16QAM	100	0	20.46	20.51	20.62	20.71	20.52		
20	64QAM	1	0	20.52	20.54	20.65	20.61	20.57	22	2
20	64QAM	1	49	20.51	20.49	20.45	20.52	20.47		
20	64QAM	1	99	20.47	20.49	20.48	20.54	20.53		
20	64QAM	50	0	19.63	19.62	19.75	19.78	19.70	21	3
20	64QAM	50	24	19.64	19.68	19.69	19.78	19.60		
20	64QAM	50	50	19.49	19.57	19.57	19.71	19.53		
20	64QAM	100	0	19.57	19.52	19.49	19.71	19.64		
20	256QAM	1	0	17.58	17.63	17.62	17.73	17.62	19	5
20	256QAM	1	49	17.64	17.61	17.53	17.73	17.68		
20	256QAM	1	99	17.55	17.63	17.61	17.72	17.55		
20	256QAM	50	0	17.65	17.67	17.66	17.74	17.64	19	5
20	256QAM	50	24	17.57	17.57	17.56	17.88	17.52		
20	256QAM	50	50	17.47	17.58	17.47	17.69	17.52		
20	256QAM	100	0	17.66	17.58	17.62	17.76	17.69		
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	22.72	22.77	22.84	22.84	22.80	24	0
15	QPSK	1	37	22.58	22.55	22.42	22.57	22.49		
15	QPSK	1	74	22.55	22.52	22.68	22.70	22.55		
15	QPSK	36	0	22.57	22.57	22.71	22.61	22.68	23	1
15	QPSK	36	20	22.49	22.56	22.47	22.51	22.56		
15	QPSK	36	39	22.43	22.46	22.39	22.58	22.45		
15	QPSK	75	0	22.61	22.70	22.71	22.68	22.56		
15	16QAM	1	0	22.55	22.50	22.60	22.53	22.49	23	1
15	16QAM	1	37	22.60	22.45	22.50	22.59	22.43		
15	16QAM	1	74	22.50	22.39	22.35	22.55	22.41		
15	16QAM	36	0	21.60	21.54	21.65	21.70	21.59	22	2
15	16QAM	36	20	21.49	21.42	21.37	21.43	21.50		
15	16QAM	36	39	21.56	21.53	21.35	21.54	21.43		
15	16QAM	75	0	21.40	21.41	21.53	21.63	21.46		
15	64QAM	1	0	21.45	21.50	21.55	21.54	21.46	22	2
15	64QAM	1	37	21.36	21.34	21.36	21.40	21.35		
15	64QAM	1	74	21.40	21.34	21.34	21.47	21.44		
15	64QAM	36	0	20.53	20.51	20.69	20.66	20.60	21	3
15	64QAM	36	20	20.58	20.61	20.61	20.73	20.46		
15	64QAM	36	39	20.36	20.48	20.52	20.61	20.44		
15	64QAM	75	0	20.43	20.46	20.43	20.58	20.53		
15	256QAM	1	0	18.47	18.54	18.56	18.58	18.48	19	5
15	256QAM	1	37	18.56	18.57	18.49	18.62	18.53		
15	256QAM	1	74	18.42	18.54	18.53	18.65	18.48		
15	256QAM	36	0	18.49	18.63	18.50	18.62	18.59	19	5
15	256QAM	36	20	18.41	18.42	18.40	18.79	18.45		
15	256QAM	36	39	18.34	18.46	18.40	18.58	18.38		
15	256QAM	75	0	18.55	18.53	18.56	18.70	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.77	22.69	22.85	22.76	22.77	24	0
10	QPSK	1	25	22.51	22.46	22.48	22.55	22.43		
10	QPSK	1	49	22.50	22.51	22.68	22.70	22.47		
10	QPSK	25	0	22.60	22.52	22.69	22.61	22.56	23	1
10	QPSK	25	12	22.48	22.60	22.48	22.54	22.57		
10	QPSK	25	25	22.41	22.47	22.40	22.64	22.35		
10	QPSK	50	0	22.59	22.71	22.75	22.61	22.59		
10	16QAM	1	0	22.56	22.44	22.59	22.48	22.49	23	1
10	16QAM	1	25	22.56	22.54	22.55	22.63	22.41		
10	16QAM	1	49	22.49	22.42	22.33	22.54	22.50		
10	16QAM	25	0	21.55	21.49	21.67	21.67	21.65	22	2
10	16QAM	25	12	21.54	21.50	21.33	21.52	21.49		
10	16QAM	25	25	21.56	21.58	21.39	21.59	21.47		
10	16QAM	50	0	21.36	21.37	21.49	21.57	21.42		
10	64QAM	1	0	21.41	21.45	21.58	21.53	21.43	22	2
10	64QAM	1	25	21.38	21.42	21.33	21.39	21.32		
10	64QAM	1	49	21.42	21.41	21.33	21.42	21.42		
10	64QAM	25	0	20.48	20.57	20.59	20.71	20.56	21	3
10	64QAM	25	12	20.51	20.61	20.56	20.72	20.47		
10	64QAM	25	25	20.34	20.53	20.52	20.66	20.43		
10	64QAM	50	0	20.48	20.45	20.35	20.56	20.56		
10	256QAM	1	0	18.52	18.55	18.47	18.64	18.56	19	5
10	256QAM	1	25	18.58	18.48	18.38	18.67	18.64		
10	256QAM	1	49	18.39	18.56	18.48	18.67	18.40		
10	256QAM	25	0	18.59	18.57	18.57	18.58	18.53	19	5
10	256QAM	25	12	18.50	18.45	18.44	18.79	18.44		
10	256QAM	25	25	18.41	18.52	18.39	18.61	18.46		
10	256QAM	50	0	18.59	18.53	18.55	18.63	18.63		
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	22.82	22.70	22.89	22.85	22.75	24	0
5	QPSK	1	12	22.60	22.49	22.53	22.47	22.45		
5	QPSK	1	24	22.52	22.60	22.69	22.73	22.50		
5	QPSK	12	0	22.58	22.53	22.73	22.64	22.67	23	1
5	QPSK	12	7	22.52	22.57	22.51	22.46	22.52		
5	QPSK	12	13	22.47	22.45	22.40	22.67	22.44		
5	QPSK	25	0	22.57	22.73	22.72	22.67	22.51		
5	16QAM	1	0	22.57	22.47	22.55	22.50	22.59	23	1
5	16QAM	1	12	22.63	22.55	22.48	22.57	22.42		
5	16QAM	1	24	22.44	22.38	22.34	22.58	22.45		
5	16QAM	12	0	21.62	21.47	21.61	21.67	21.60	22	2
5	16QAM	12	7	21.52	21.40	21.33	21.51	21.45		
5	16QAM	12	13	21.53	21.60	21.41	21.58	21.46		
5	16QAM	25	0	21.42	21.37	21.46	21.60	21.47	22	2
5	64QAM	1	0	21.41	21.44	21.58	21.48	21.49		
5	64QAM	1	12	21.38	21.39	21.38	21.39	21.32		
5	64QAM	1	24	21.33	21.36	21.34	21.43	21.44		
5	64QAM	12	0	20.53	20.56	20.67	20.73	20.64	21	3
5	64QAM	12	7	20.51	20.60	20.55	20.62	20.48		
5	64QAM	12	13	20.36	20.50	20.51	20.56	20.38		
5	64QAM	25	0	20.41	20.44	20.40	20.59	20.52		
5	256QAM	1	0	18.47	18.53	18.54	18.68	18.50	19	5
5	256QAM	1	12	18.59	18.47	18.44	18.62	18.62		
5	256QAM	1	24	18.44	18.53	18.55	18.57	18.48		
5	256QAM	12	0	18.56	18.51	18.58	18.62	18.58	19	5
5	256QAM	12	7	18.51	18.46	18.43	18.78	18.41		
5	256QAM	12	13	18.34	18.47	18.32	18.64	18.37		
5	256QAM	25	0	18.50	18.46	18.50	18.72	18.62		

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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	24.73	24.77	24.54	24.75	24.85	26	0
20	QPSK	1	49	24.73	24.71	24.76	24.71	24.60		
20	QPSK	1	99	24.78	24.80	24.85	24.77	24.80		
20	QPSK	50	0	24.68	24.78	24.81	24.66	24.65	26	0
20	QPSK	50	24	24.56	24.59	24.63	24.52	24.70		
20	QPSK	50	50	24.56	24.62	24.68	24.48	24.69		
20	QPSK	100	0	24.61	24.63	24.72	24.71	24.63		
20	16QAM	1	0	24.81	24.87	24.83	24.83	24.83	26	0
20	16QAM	1	49	24.82	24.92	24.86	24.80	24.87		
20	16QAM	1	99	24.92	24.69	24.93	24.70	24.77		
20	16QAM	50	0	23.64	23.61	23.68	23.63	23.76	25	1
20	16QAM	50	24	23.68	23.61	23.71	23.67	23.60		
20	16QAM	50	50	23.77	23.55	23.76	23.66	23.61		
20	16QAM	100	0	23.60	23.71	23.70	23.70	23.73		
20	64QAM	1	0	23.63	23.76	23.73	23.56	23.69	25	1
20	64QAM	1	49	23.55	23.56	23.54	23.58	23.55		
20	64QAM	1	99	23.71	23.70	23.69	23.75	23.61		
20	64QAM	50	0	23.65	23.58	23.71	23.73	23.63	24	2
20	64QAM	50	24	23.51	23.52	23.60	23.47	23.61		
20	64QAM	50	50	23.71	23.76	23.67	23.54	23.67		
20	64QAM	100	0	23.70	23.73	23.82	23.72	23.73		
20	256QAM	1	0	20.73	20.56	20.63	20.71	20.64	22	4
20	256QAM	1	49	20.79	20.70	20.85	20.65	20.77		
20	256QAM	1	99	20.67	20.70	20.75	20.71	20.70		
20	256QAM	50	0	20.62	20.80	20.85	20.77	20.75	22	4
20	256QAM	50	24	20.68	20.64	20.73	20.76	20.71		
20	256QAM	50	50	20.53	20.65	20.68	20.72	20.62		
20	256QAM	100	0	20.81	20.69	20.76	20.65	20.68		
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	24.59	24.64	24.79	24.69	24.79	26	0
15	QPSK	1	37	24.66	24.59	24.71	24.66	24.53		
15	QPSK	1	74	24.64	24.69	24.73	24.73	24.68		
15	QPSK	36	0	24.55	24.65	24.75	24.56	24.53	26	0
15	QPSK	36	20	24.50	24.43	24.58	24.41	24.60		
15	QPSK	36	39	24.44	24.46	24.53	24.43	24.59		
15	QPSK	75	0	24.47	24.53	24.56	24.56	24.57		
15	16QAM	1	0	24.91	24.81	24.89	24.78	24.85	26	0
15	16QAM	1	37	24.77	24.80	24.88	24.71	24.76		
15	16QAM	1	74	24.86	24.56	24.88	24.65	24.64		
15	16QAM	36	0	23.53	23.56	23.56	23.55	23.68	25	1
15	16QAM	36	20	23.56	23.55	23.65	23.53	23.45		
15	16QAM	36	39	23.64	23.46	23.66	23.55	23.51		
15	16QAM	75	0	23.55	23.62	23.64	23.54	23.57		
15	64QAM	1	0	23.53	23.61	23.63	23.48	23.55	25	1
15	64QAM	1	37	23.47	23.45	23.41	23.49	23.46		
15	64QAM	1	74	23.61	23.61	23.53	23.68	23.53		
15	64QAM	36	0	23.54	23.47	23.66	23.65	23.56	24	2
15	64QAM	36	20	23.42	23.41	23.55	23.34	23.50		
15	64QAM	36	39	23.58	23.70	23.59	23.41	23.54		
15	64QAM	75	0	23.65	23.61	23.76	23.67	23.66		
15	256QAM	1	0	20.65	20.41	20.52	20.62	20.51	22	4
15	256QAM	1	37	20.69	20.60	20.79	20.53	20.67		
15	256QAM	1	74	20.58	20.64	20.67	20.57	20.59		
15	256QAM	36	0	20.46	20.73	20.70	20.62	20.69	22	4
15	256QAM	36	20	20.63	20.54	20.58	20.66	20.60		
15	256QAM	36	39	20.47	20.54	20.53	20.65	20.55		
15	256QAM	75	0	20.66	20.57	20.63	20.57	20.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.67	24.63	24.79	24.69	24.76	26	0
10	QPSK	1	25	24.60	24.57	24.67	24.58	24.54		
10	QPSK	1	49	24.66	24.75	24.72	24.67	24.70		
10	QPSK	25	0	24.61	24.70	24.72	24.51	24.59	26	0
10	QPSK	25	12	24.48	24.46	24.56	24.43	24.55		
10	QPSK	25	25	24.52	24.49	24.54	24.42	24.60		
10	QPSK	50	0	24.47	24.57	24.62	24.57	24.49		
10	16QAM	1	0	24.88	24.88	24.88	24.67	24.85	26	0
10	16QAM	1	25	24.71	24.88	24.91	24.70	24.71		
10	16QAM	1	49	24.81	24.60	24.77	24.62	24.64		
10	16QAM	25	0	23.52	23.55	23.57	23.58	23.71	25	1
10	16QAM	25	12	23.54	23.46	23.64	23.58	23.52		
10	16QAM	25	25	23.62	23.49	23.68	23.60	23.46		
10	16QAM	50	0	23.48	23.58	23.55	23.58	23.66		
10	64QAM	1	0	23.57	23.62	23.60	23.51	23.56	25	1
10	64QAM	1	25	23.49	23.51	23.49	23.54	23.47		
10	64QAM	1	49	23.61	23.61	23.60	23.68	23.47		
10	64QAM	25	0	23.54	23.48

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BW [MHz]	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	19.24	19.28	19.19		
20	QPSK	1	49	19.23	19.16	19.20	20	0
20	QPSK	1	99	19.28	19.26	19.24		
20	QPSK	50	0	19.24	19.26	19.24		
20	QPSK	50	24	19.17	19.23	19.14	20	0
20	QPSK	50	50	19.19	19.11	19.16		
20	QPSK	100	0	19.17	19.21	19.20		
20	16QAM	1	0	19.22	19.14	19.14		
20	16QAM	1	49	19.12	19.25	19.17	20	0
20	16QAM	1	99	19.27	19.18	19.19		
20	16QAM	50	0	19.23	19.09	19.23		
20	16QAM	50	24	19.27	19.10	19.17	20	0
20	16QAM	50	50	19.24	19.10	19.15		
20	16QAM	100	0	19.13	19.19	19.10		
20	64QAM	1	0	19.08	19.10	19.18		
20	64QAM	1	49	19.21	19.08	19.14	20	0
20	64QAM	1	99	19.12	19.08	19.17		
20	64QAM	50	0	17.86	17.87	17.84		
20	64QAM	50	24	17.85	17.70	17.74	19	1
20	64QAM	50	50	17.91	17.83	17.78		
20	64QAM	100	0	17.84	17.85	17.93		
20	256QAM	1	0	15.92	15.90	15.88		
20	256QAM	1	49	15.91	15.78	15.85	17	3
20	256QAM	1	99	15.72	15.82	15.81		
20	256QAM	50	0	15.92	15.72	15.93		
20	256QAM	50	24	15.86	15.73	15.74	17	3
20	256QAM	50	50	15.63	15.93	15.59		
20	256QAM	100	0	15.83	15.79	15.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.09	19.26	19.17		
15	QPSK	1	37	19.17	19.10	19.20	20	0
15	QPSK	1	74	19.20	19.09	19.18		
15	QPSK	36	0	19.12	19.26	19.19		
15	QPSK	36	20	19.07	19.18	19.00	20	0
15	QPSK	36	39	19.18	19.07	19.16		
15	QPSK	75	0	19.09	19.12	19.15		
15	16QAM	1	0	19.11	19.14	18.98		
15	16QAM	1	37	19.01	19.24	19.13	20	0
15	16QAM	1	74	19.07	19.03	19.08		
15	16QAM	36	0	19.13	19.03	19.22		
15	16QAM	36	20	19.15	19.08	19.09	20	0
15	16QAM	36	39	19.13	18.90	19.03		
15	16QAM	75	0	19.07	19.00	19.05		
15	64QAM	1	0	18.99	18.94	19.12		
15	64QAM	1	37	19.17	18.94	19.03	20	0
15	64QAM	1	74	19.07	18.94	19.16		
15	64QAM	36	0	17.89	17.94	17.84		
15	64QAM	36	20	17.68	17.75	17.82	19	1
15	64QAM	36	39	17.78	17.75	17.94		
15	64QAM	75	0	17.84	17.93	17.91		
15	256QAM	1	0	16.01	16.01	15.86		
15	256QAM	1	37	15.90	15.92	15.77	17	3
15	256QAM	1	74	15.68	15.78	15.77		
15	256QAM	36	0	15.79	15.75	15.83		
15	256QAM	36	20	15.90	15.75	15.66	17	3
15	256QAM	36	39	15.70	15.73	15.58		
15	256QAM	75	0	15.72	15.72	15.87		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.06	19.11	19.05		
10	QPSK	1	25	19.20	18.99	19.18	20	0
10	QPSK	1	49	19.13	19.17	19.06		
10	QPSK	25	0	19.22	19.24	19.23		
10	QPSK	25	12	19.05	19.11	19.04	20	0
10	QPSK	25	25	19.16	18.98	18.97		
10	QPSK	50	0	19.07	19.17	19.11		
10	16QAM	1	0	19.04	18.97	18.95		
10	16QAM	1	25	18.92	19.16	19.01	20	0
10	16QAM	1	49	19.26	19.17	19.13		
10	16QAM	25	0	19.17	19.01	19.13		
10	16QAM	25	12	19.16	19.03	19.10	20	0
10	16QAM	25	25	19.07	19.06	19.13		
10	16QAM	50	0	19.02	19.08	19.06		
10	64QAM	1	0	18.90	19.09	19.03		
10	64QAM	1	25	19.14	18.95	19.00	20	0
10	64QAM	1	49	18.98	18.91	18.99		
10	64QAM	25	0	17.84	17.91	17.93		
10	64QAM	25	12	17.64	17.62	17.84	19	1
10	64QAM	25	25	17.81	17.78	17.88		
10	64QAM	50	0	17.84	17.92	17.96		
10	256QAM	1	0	15.86	15.97	15.83		
10	256QAM	1	25	15.84	15.95	15.75	17	3
10	256QAM	1	49	15.72	15.70	15.80		
10	256QAM	25	0	15.77	15.89	15.83		
10	256QAM	25	12	15.83	15.77	15.82	17	3
10	256QAM	25	25	15.71	15.75	15.69		
10	256QAM	50	0	15.86	15.73	15.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.16	19.15	19.02		
5	QPSK	1	12	19.09	19.01	19.15	20	0
5	QPSK	1	24	19.19	19.13	19.13		
5	QPSK	12	0	19.12	19.13	19.23		
5	QPSK	12	7	19.10	19.12	18.94	20	0
5	QPSK	12	13	19.08	18.92	19.00		
5	QPSK	25	0	19.04	19.15	19.12		
5	16QAM	1	0	19.17	19.11	18.97		
5	16QAM	1	12	19.02	19.08	19.00	20	0
5	16QAM	1	24	19.21	19.14	19.03		
5	16QAM	12	0	19.22	18.94	19.22		
5	16QAM	12	7	19.26	19.09	19.15	20	0
5	16QAM	12	13	19.08	18.92	19.02		
5	16QAM	25	0	19.06	19.11	19.02		
5	64QAM	1	0	18.97	19.03	19.00		
5	64QAM	1	12	19.11	19.06	19.06	20	0
5	64QAM	1	24	19.11	18.94	19.11		
5	64QAM	12	0	18.00	17.85	17.87		
5	64QAM	12	7	17.62	17.64	17.76	19	1
5	64QAM	12	13	17.94	17.80	17.94		
5	64QAM	25	0	17.97	17.99	17.99		
5	256QAM	1	0	15.85	15.97	15.90		
5	256QAM	1	12	15.95	15.88	15.67	17	3
5	256QAM	1	24	15.77	15.70	15.79		
5	256QAM	12	0	15.88	15.93	15.65		
5	256QAM	12	7	15.77	15.69	15.79	17	3
5	256QAM	12	13	15.64	15.63	15.65		
5	256QAM	25	0	15.76	15.88	15.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.23	19.10	19.02		
3	QPSK	1	8	19.21	19.02	19.05	20	0
3	QPSK	1	14	19.17	19.09	19.19		
3	QPSK	8	0	19.04	19.02	19.18		
3	QPSK	8	4	19.00	19.04	19.01	20	0
3	QPSK	8	7	19.04	19.02	19.04		
3	QPSK	15	0	19.15	19.16	19.14		
3	16QAM	1	0	19.08	18.96	18.96		
3	16QAM	1	8	19.07	19.15	19.00	20	0
3	16QAM	1	14	19.15	19.18	19.08		
3	16QAM	8	0	19.07	19.01	19.18		
3	16QAM	8	4	19.14	19.02	19.05	20	0
3	16QAM	8	7	19.12	18.91	19.03		
3	16QAM	15	0	19.12	19.06	19.04		
3	64QAM	1	0	18.94	19.03	19.12		
3	64QAM	1	8	19.03	19.01	19.02	20	0
3	64QAM	1	14	19.04	18.95	19.06		
3	64QAM	8	0	17.95	17.89	17.92		
3	64QAM	8	4	17.63	17.68	17.58	19	1
3	64QAM	8	7	17.86	17.80	17.82		
3	64QAM	15	0	17.80	17.96	17.87		
3	256QAM	1	0	15.93	16.00	15.85		
3	256QAM	1	8	15.94	15.81	15.70	17	3
3	256QAM	1	14	15.73	15.78	15.68		
3	256QAM	8	0	15.82	15.82	15.87		
3	256QAM	8	4	15.89	15.70	15.81	17	3
3	256QAM	8	7	15.62	15.69	15.62		
3	256QAM	15	0	15.79	15.77	15.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.22	19.16	19.08		
1.4	QPSK	1	3	19.05	18.96	19.17		
1.4	QPSK	1	5	19.15	19.15	19.06	20	0
1.4	QPSK	3	0	19.07	19.18	19.19		
1.4	QPSK	3	1	18.99	19.11	18.98		
1.4	QPSK	3	3	19.00	19.05	19.04		
1.4	QPSK	6	0	19.12	19.13	19.05	20	0
1.4	16QAM	1	0	19.10	19.04	19.09		
1.4	16QAM	1	3	19.03	19.23	19.12		
1.4	16QAM	1	5	19.27	19.16	19.18	20	0
1.4	16QAM	3	0	19.16	18.97	19.05		
1.4	16QAM	3	1	19.11	19.07	19.06		
1.4	16QAM	3	3	19.05	19.06	18.98		
1.4	16QAM	6	0	18.96	19.08	19.10	20	0
1.4	64QAM	1	0	19.10	19.04	18.96		
1.4	64QAM	1	3	18.95	18.89	19.06		
1.4	64QAM	1	5	19.02	18.90	18.93	20	0
1.4	64QAM	3	0	19.00	18.79	18.91		
1.4	64QAM	3	1	19.00	18.94	18.92		
1.4	64QAM	3	3	18.95	19.03	18.88		
1.4	64QAM	6	0	17.84	17.77	17.94	19	1
1.4	256QAM	1	0	15.82	15.92	15.79		
1.4	256QAM	1	3	15.63	15.66	15.75		
1.4	256QAM	1	5	15.73	15.82	15.79	17	3
1.4	256QAM	3	0	15.71	15.67	15.81		
1.4	256QAM	3	1	15.57	15.60	15.52		
1.4	256QAM	3	3	15.68	15.82	15.77		
1.4	256QAM	6	0	15.64	15.79	15.79	17	3

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BW [MHz]	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	19.70	19.71	19.58		
20	QPSK	1	49	19.55	19.62	19.64	20	0
20	QPSK	1	99	19.58	19.59	19.67		
20	QPSK	50	0	19.61	19.66	19.62		
20	QPSK	50	24	19.59	19.53	19.64	20	0
20	QPSK	50	50	19.54	19.57	19.65		
20	QPSK	100	0	19.60	19.63	19.61		
20	16QAM	1	0	19.69	19.53	19.51		
20	16QAM	1	49	19.59	19.55	19.65	20	0
20	16QAM	1	99	19.65	19.55	19.69		
20	16QAM	50	0	19.52	19.52	19.68		
20	16QAM	50	24	19.69	19.55	19.68	20	0
20	16QAM	50	50	19.60	19.69	19.63		
20	16QAM	100	0	19.53	19.66	19.61		
20	64QAM	1	0	19.50	19.59	19.67		
20	64QAM	1	49	19.52	19.55	19.55	20	0
20	64QAM	1	99	19.69	19.58	19.56		
20	64QAM	50	0	18.72	18.71	18.73		
20	64QAM	50	24	18.67	18.74	18.80	19	1
20	64QAM	50	50	18.73	18.73	18.76		
20	64QAM	100	0	18.72	18.77	18.59		
20	256QAM	1	0	16.73	16.72	16.82		
20	256QAM	1	49	16.79	16.80	16.77	17	3
20	256QAM	1	99	16.63	16.67	16.74		
20	256QAM	50	0	16.59	16.54	16.74		
20	256QAM	50	24	16.70	16.56	16.58	17	3
20	256QAM	50	50	16.52	16.56	16.53		
20	256QAM	100	0	16.60	16.71	16.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.54	19.60	19.57		
15	QPSK	1	37	19.37	19.46	19.48	20	0
15	QPSK	1	74	19.55	19.43	19.52		
15	QPSK	36	0	19.58	19.66	19.42		
15	QPSK	36	20	19.57	19.51	19.58	20	0
15	QPSK	36	39	19.36	19.48	19.52		
15	QPSK	75	0	19.50	19.57	19.31		
15	16QAM	1	0	19.66	19.35	19.38		
15	16QAM	1	37	19.48	19.40	19.56	20	0
15	16QAM	1	74	19.48	19.42	19.58		
15	16QAM	36	0	19.35	19.47	19.58		
15	16QAM	36	20	19.59	19.52	19.55	20	0
15	16QAM	36	39	19.52	19.67	19.52		
15	16QAM	75	0	19.48	19.50	19.44		
15	64QAM	1	0	19.64	19.42	19.63		
15	64QAM	1	37	19.39	19.35	19.39	20	0
15	64QAM	1	74	19.53	19.43	19.43		
15	64QAM	36	0	18.72	18.82	18.74		
15	64QAM	36	20	18.72	18.74	18.84	19	1
15	64QAM	36	39	18.77	18.81	18.66		
15	64QAM	75	0	18.67	18.71	18.58		
15	256QAM	1	0	16.72	16.75	16.91		
15	256QAM	1	37	16.78	16.68	16.68	17	3
15	256QAM	1	74	16.63	16.70	16.73		
15	256QAM	36	0	16.64	16.67	16.78		
15	256QAM	36	20	16.59	16.65	16.57	17	3
15	256QAM	36	39	16.56	16.57	16.49		
15	256QAM	75	0	16.60	16.72	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.68	19.69	19.43		
10	QPSK	1	25	19.49	19.47	19.44	20	0
10	QPSK	1	49	19.45	19.47	19.66		
10	QPSK	25	0	19.45	19.49	19.44		
10	QPSK	25	12	19.47	19.38	19.54	20	0
10	QPSK	25	25	19.36	19.41	19.53		
10	QPSK	50	0	19.57	19.63	19.45		
10	16QAM	1	0	19.55	19.50	19.31		
10	16QAM	1	25	19.40	19.53	19.56	20	0
10	16QAM	1	49	19.64	19.52	19.72		
10	16QAM	25	0	19.37	19.33	19.64		
10	16QAM	25	12	19.59	19.45	19.62	20	0
10	16QAM	25	25	19.50	19.66	19.46		
10	16QAM	50	0	19.45	19.53	19.54		
10	64QAM	1	0	19.66	19.33	19.48		
10	64QAM	1	25	19.36	19.52	19.54	20	0
10	64QAM	1	49	19.53	19.57	19.48		
10	64QAM	25	0	18.80	18.81	18.76		
10	64QAM	25	12	18.71	18.74	18.82	19	1
10	64QAM	25	25	18.82	18.75	18.78		
10	64QAM	50	0	18.66	18.79	18.59		
10	256QAM	1	0	16.78	16.76	16.86		
10	256QAM	1	25	16.72	16.70	16.71	17	3
10	256QAM	1	49	16.62	16.70	16.69		
10	256QAM	25	0	16.67	16.65	16.63		
10	256QAM	25	12	16.69	16.58	16.55	17	3
10	256QAM	25	25	16.46	16.57	16.48		
10	256QAM	50	0	16.61	16.60	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.52	19.60	19.55		
5	QPSK	1	12	19.54	19.53	19.53	20	0
5	QPSK	1	24	19.39	19.45	19.59		
5	QPSK	12	0	19.59	19.49	19.46		
5	QPSK	12	7	19.53	19.34	19.49	20	0
5	QPSK	12	13	19.35	19.43	19.60		
5	QPSK	25	0	19.54	19.43	19.42		
5	16QAM	1	0	19.60	19.50	19.50		
5	16QAM	1	12	19.43	19.37	19.47	20	0
5	16QAM	1	24	19.62	19.44	19.51		
5	16QAM	12	0	19.41	19.47	19.61		
5	16QAM	12	7	19.55	19.49	19.59	20	0
5	16QAM	12	13	19.44	19.60	19.50		
5	16QAM	25	0	19.44	19.61	19.60		
5	64QAM	1	0	19.69	19.46	19.52		
5	64QAM	1	12	19.40	19.38	19.48	20	0
5	64QAM	1	24	19.69	19.45	19.44		
5	64QAM	12	0	18.83	18.78	18.68		
5	64QAM	12	7	18.69	18.70	18.73	19	1
5	64QAM	12	13	18.74	18.82	18.74		
5	64QAM	25	0	18.61	18.74	18.64		
5	256QAM	1	0	16.76	16.78	16.90		
5	256QAM	1	12	16.80	16.80	16.76	17	3
5	256QAM	1	24	16.75	16.74	16.77		
5	256QAM	12	0	16.59	16.65	16.72		
5	256QAM	12	7	16.60	16.58	16.53	17	3
5	256QAM	12	13	16.53	16.61	16.60		
5	256QAM	25	0	16.62	16.68	16.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.53	19.61	19.52		
3	QPSK	1	8	19.54	19.48	19.60	20	0
3	QPSK	1	14	19.41	19.58	19.55		
3	QPSK	8	0	19.50	19.48	19.61		
3	QPSK	8	4	19.48	19.46	19.52	20	0
3	QPSK	8	7	19.36	19.45	19.47		
3	QPSK	15	0	19.56	19.46	19.34		
3	16QAM	1	0	19.57	19.51	19.31		
3	16QAM	1	8	19.46	19.47	19.64	20	0
3	16QAM	1	14	19.49	19.37	19.56		
3	16QAM	8	0	19.33	19.50	19.49		
3	16QAM	8	4	19.53	19.40	19.60	20	0
3	16QAM	8	7	19.48	19.50	19.50		
3	16QAM	15	0	19.37	19.55	19.59		
3	64QAM	1	0	19.53	19.31	19.61		
3	64QAM	1	8	19.38	19.51	19.38	20	0
3	64QAM	1	14	19.66	19.53	19.37		
3	64QAM	8	0	18.74	18.78	18.67		
3	64QAM	8	4	18.70	18.65	18.85	19	1
3	64QAM	8	7	18.80	18.69	18.70		
3	64QAM	15	0	18.58	18.75	18.64		
3	256QAM	1	0	16.81	16.76	16.84		
3	256QAM	1	8	16.75	16.79	16.78	17	3
3	256QAM	1	14	16.67	16.71	16.78		
3	256QAM	8	0	16.64	16.69	16.77		
3	256QAM	8	4	16.54	16.54	16.57	17	3
3	256QAM	8	7	16.46	16.57	16.47		
3	256QAM	15	0	16.52	16.55	16.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.60	19.59	19.51		
1.4	QPSK	1	3	19.38	19.62	19.57	20	0
1.4	QPSK	1	5	19.57	19.57	19.66		
1.4	QPSK	3	0	19.51	19.47	19.56		
1.4	QPSK	3	1	19.42	19.41	19.47		
1.4	QPSK	3	3	19.37	19.52	19.60		
1.4	QPSK	6	0	19.54	19.53	19.32	20	0
1.4	16QAM	1	0	19.60	19.38	19.45		
1.4	16QAM	1	3	19.49	19.39	19.58		
1.4	16QAM	1	5	19.53	19.42	19.69	20	0
1.4	16QAM	3	0	19.43	19.36	19.62		
1.4	16QAM	3	1	19.59	19.36	19.67		
1.4	16QAM	3	3	19.53	19.58	19.52		
1.4	16QAM	6	0	19.52	19.61	19.42	20	0
1.4	64QAM	1	0	19.55	19.47	19.51		
1.4	64QAM	1	3	19.45	19.41	19.46		
1.4	64QAM	1	5	19.58	19.40	19.48	20	0
1.4	64QAM	3	0	19.43	19.54	19.52		
1.4	64QAM	3	1	19.51	19.53	19.55		
1.4	64QAM	3	3	19.44	19.49	19.60		
1.4	64QAM	6	0	18.61	18.54	18.69	19	1
1.4	256QAM	1	0	16.69	16.67	16.72		
1.4	256QAM	1	3	16.66	16.68	16.58		
1.4	256QAM	1	5	16.53	16.64	16.51	17	3
1.4	256QAM	3	0	16.43	16.58	16.58		
1.4	256QAM	3	1	16.58	16.48	16.50		
1.4	256QAM	3	3	16.36	16.48	16.56		
1.4	256QAM	6	0	16.58	16.48	16.42	17	3

Band 4 Ant 4 DSI6

BW [MHz]	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	21.19	21.26	21.20		
20	QPSK	1	49	21.06	21.21	21.11	22.5	0
20	QPSK	1	99	21.14	21.18	21.24		
20	QPSK	50	0	20.67	20.69	20.64		
20	QPSK	50	24	20.60	20.65	20.57	22	0.5
20	QPSK	50	50	20.56	20.64	20.57		
20	QPSK	100	0	20.53	20.63	20.62		
20	16QAM	1	0	20.67	20.63	20.61		
20	16QAM	1	49	20.67	20.59	20.72	22	0.5
20	16QAM	1	99	20.70	20.68	20.71		
20	16QAM	50	0	19.56	19.57	19.74		
20	16QAM	50	24	19.56	19.51	19.61	21	1.5
20	16QAM	50	50	19.58	19.65	19.52		
20	16QAM	100	0	19.55	19.63	19.53

Band 12 Ant 4 DSI6

BW [MHz]	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	22.63	22.69	22.60		
10	QPSK	1	25	22.55	22.57	22.59	24	0
10	QPSK	1	49	22.54	22.61	22.62		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	1
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	21.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	1
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	2
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.66	22	2
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	3
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	5
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	5
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.50	22.59	22.53		
5	QPSK	1	12	22.41	22.51	22.52	24	0
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	1
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	1
5	16QAM	1	24	21.66	21.63	21.56		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	2
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	2
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	3
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.46	17.52	19	5
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	5
5	256QAM	12	13	17.28	17.36	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.51	22.63	22.54		
3	QPSK	1	8	22.46	22.52	22.41	24	0
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	1
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	1
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	2
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	2
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	3
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	5
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	5
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.55	22.53	22.53		
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46	24	0
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	1
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	1
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	2
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	2
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	3
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	5
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	5

Band 12 Ant 4 DSI6 sig path: 300

BW [MHz]	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	22.88	22.92	22.85		
10	QPSK	1	25	22.83	22.78	22.90	24	0
10	QPSK	1	49	22.78	22.84	22.91		
10	QPSK	25	0	22.85	22.89	22.88		
10	QPSK	25	12	22.83	22.80	22.76	23	1
10	QPSK	25	25	22.78	22.82	22.77		
10	QPSK	50	0	22.79	22.87	22.83		
10	16QAM	1	0	21.99	22.03	21.83		
10	16QAM	1	25	22.02	21.92	21.89	23	1
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	2
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.84	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	2
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	3
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	5
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	5
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.82	22.80	22.76		
5	QPSK	1	12	22.75	22.76	22.87	24	0
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	22.79	22.85	22.77		
5	QPSK	12	7	22.78	22.76	22.67	23	1
5	QPSK	12	13	22.61	22.70	22.62		
5	QPSK	25	0	22.65	22.81	22.70		
5	16QAM	1	0	21.86	21.96	21.75		
5	16QAM	1	12	21.99	21.87	21.77	23	1
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	2
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	2
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	3
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	5
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	5
5	256QAM	12	13	17.62	17.60	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.80	22.76	22.78		
3	QPSK	1	8	22.70	22.76	22.76	24	0
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	22.78	22.85	22.85		
3	QPSK	8	4	22.70	22.64	22.63	23	1
3	QPSK	8	7	22.72	22.66	22.60		
3	QPSK	15	0	22.71	22.71	22.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	1
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	2
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	2
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	3
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	5
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	5
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.87	22.78	22.82		
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76	24	0
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	1
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	1
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	2
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	2
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	3
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	5
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	5

Band 13 Ant 4 DSI6

BW [MHz]	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		22.78			
10	QPSK	1	25		22.65		24	0
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72			
10	QPSK	25	12		21.68		23	1
10	QPSK	25	25		21.66			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85			
10	16QAM	1	25		21.77		23	1
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	2
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	2
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	3
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.69	22.71	22.67		
5	QPSK	1	12	22.61	22.56	22.57	24	0
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62		
5	QPSK	12	7	21.61	21.54	21.58	23	1
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76		
5	16QAM	1	12	21.63	21.64	21.73	23	1
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58		
5	16QAM	12	7	20.53	20.51	20.55	22	2
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54		
5	64QAM	1	12	20.46	20.41	20.40	22	2
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40		
5	64QAM	12	7	19.38	19.41	19.35	21	3
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35		
5	256QAM	1	12	17.34	17.32	17.29	19	5
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53		
5	256QAM	12	7	17.47	17.43	17.42	19	5
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI6 sig path: 378

BW [MHz]	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		22.51			
10	QPSK	1	25		22.50		24	0
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.45		23	1
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69			
10	16QAM	1	25		21.52		23	1
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	2
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	2
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	3
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.45	22.45	22.36		
5	QPSK	1	12	22.46	22.39	22.41	24	0
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37		
5	QPSK	12	7	21.40	21.39	21.36	23	1
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62		
5	16QAM	1	12	21.47	21.42	21.43	23	1
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	2
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	2
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	3
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.98		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI6 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 17 Ant 4 DSI6

BW [MHz]	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	22.72	22.76	22.73	24	0
10	QPSK	1	25	22.70	22.75	22.72		
10	QPSK	1	49	22.69	22.74	22.71		
10	QPSK	25	0	21.74	21.75	21.71	23	1
10	QPSK	25	12	21.59	21.68	21.52		
10	QPSK	25	25	21.57	21.62	21.57		
10	QPSK	50	0	21.64	21.73	21.68		
10	16QAM	1	0	21.95	21.87	21.96	23	1
10	16QAM	1	25	21.83	21.82	21.75		
10	16QAM	1	49	21.84	21.81	21.84		
10	16QAM	25	0	20.68	20.66	20.66	22	2
10	16QAM	25	12	20.52	20.61	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.50	22	2
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	21	3
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	19	5
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.46	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	19	5
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.48	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.69	22.64	22.65	24	0
5	QPSK	1	12	22.68	22.69	22.64		
5	QPSK	1	24	22.54	22.65	22.52		
5	QPSK	12	0	21.65	21.72	21.65	23	1
5	QPSK	12	7	21.49	21.48	21.39		
5	QPSK	12	13	21.46	21.57	21.55		
5	QPSK	25	0	21.57	21.59	21.50		
5	16QAM	1	0	21.86	21.85	21.95	23	1
5	16QAM	1	12	21.70	21.64	21.61		
5	16QAM	1	24	21.71	21.74	21.79		
5	16QAM	12	0	20.67	20.52	20.55	22	2
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.44	20.45		
5	64QAM	1	0	20.31	20.47	20.44	22	2
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	21	3
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	19	5
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	19	5
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.45	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

Band 25 Ant 4 DSI6

BW [MHz]	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	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.25	19.29	19.15	20	0
20	QPSK	1	49	19.17	19.16	19.11		
20	QPSK	1	99	19.11	19.21	19.19		
20	QPSK	50	0	19.14	19.26	19.18	20	0
20	QPSK	50	24	19.13	19.13	19.14		
20	QPSK	50	50	19.22	19.12	19.20		
20	QPSK	100	0	19.20	19.22	19.16		
20	16QAM	1	0	19.19	19.14	19.10	20	0
20	16QAM	1	49	19.18	19.21	19.14		
20	16QAM	1	99	19.26	19.21	19.17		
20	16QAM	50	0	19.18	19.21	19.11	20	0
20	16QAM	50	24	19.13	19.12	19.23		
20	16QAM	50	50	19.27	19.14	19.25		
20	16QAM	100	0	19.11	19.21	19.13		
20	64QAM	1	0	19.21	19.19	19.28	20	0
20	64QAM	1	49	19.22	19.12	19.13		
20	64QAM	1	99	19.13	19.15	19.21		
20	64QAM	50	0	18.07	18.34	18.22	19	1
20	64QAM	50	24	18.17	18.17	18.15		
20	64QAM	50	50	18.20	18.14	18.16		
20	64QAM	100	0	18.04	18.15	18.10		
20	256QAM	1	0	16.25	16.21	16.24	17	3
20	256QAM	1	49	16.16	16.21	16.13		
20	256QAM	1	99	16.12	16.15	16.28		
20	256QAM	50	0	16.13	16.21	16.22	17	3
20	256QAM	50	24	16.22	16.39	16.11		
20	256QAM	50	50	16.22	16.35	16.06		
20	256QAM	100	0	16.28	16.22	16.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.13	19.11	18.96	20	0
15	QPSK	1	37	19.04	19.11	19.09		
15	QPSK	1	74	19.07	18.93	19.11		
15	QPSK	36	0	18.99	19.11	19.10	20	0
15	QPSK	36	20	18.98	19.11	18.99		
15	QPSK	36	39	19.19	19.12	19.18		
15	QPSK	75	0	19.14	19.05	19.05		
15	16QAM	1	0	19.03	18.98	18.99	20	0
15	16QAM	1	37	19.13	19.04	19.00		
15	16QAM	1	74	19.19	19.13	19.14		
15	16QAM	36	0	19.06	19.03	18.99	20	0
15	16QAM	36	20	19.07	18.97	19.10		
15	16QAM	36	39	19.22	19.02	19.18		
15	16QAM	75	0	19.04	19.12	18.98		
15	64QAM	1	0	19.15	19.09	19.27	20	0
15	64QAM	1	37	19.16	18.95	19.09		
15	64QAM	1	74	19.06	18.97	19.06		
15	64QAM	36	0	17.95	18.22	18.04	19	1
15	64QAM	36	20	18.06	18.03	18.07		
15	64QAM	36	39	18.01	17.95	18.16		
15	64QAM	75	0	17.96	17.97	17.99	17	3
15	256QAM	1	0	16.18	16.11	16.11		
15	256QAM	1	37	16.04	16.18	16.12		
15	256QAM	1	74	15.94	16.09	16.10		
15	256QAM	36	0	16.12	16.09	16.07	17	3
15	256QAM	36	20	16.14	16.28	15.99		
15	256QAM	36	39	16.18	16.29	15.95		
15	256QAM	75	0	16.23	16.11	16.18		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.17	19.13	19.07	20	0
10	QPSK	1	25	19.06	19.02	18.99		
10	QPSK	1	49	18.92	18.93	19.04		
10	QPSK	25	0	19.13	19.18	19.18	20	0
10	QPSK	25	12	18.95	19.04	18.96		
10	QPSK	25	25	19.18	19.10	19.01		
10	QPSK	50	0	19.17	19.09	19.16		
10	16QAM	1	0	19.13	19.10	18.92	20	0
10	16QAM	1	25	19.15	19.02	18.97		
10	16QAM	1	49	19.14	19.20	19.10		
10	16QAM	25	0	19.11	19.07	19.10	20	0
10	16QAM	25	12	18.96	19.09	19.20		
10	16QAM	25	25	19.10	19.10	19.14		
10	16QAM	50	0	19.04	19.20	19.00		
10	64QAM	1	0	19.03	19.14	19.24	20	0
10	64QAM	1	25	19.21	19.11	18.97		
10	64QAM	1	49	19.00	18.96	19.14		
10	64QAM	25	0	18.00	18.23	18.08	19	1
10	64QAM	25	12	18.07	18.13	18.06		
10	64QAM	25	25	18.09	18.05	18.11		
10	64QAM	50	0	18.01	18.10	17.91		
10	256QAM	1	0	16.17	16.05	16.07	17	3
10	256QAM	1	25	15.98	16.19	16.13		
10	256QAM	1	49	16.03	16.05	16.12		
10	256QAM	25	0	16.02	16.15	16.02	17	3
10	256QAM	25	12	16.05	16.32	16.03		
10	256QAM	25	25	16.06	16.29	15.96		
10	256QAM	50	0	16.15	16.04	16.07		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.12	19.18	19.13	20	0
5	QPSK	1	12	19.09	19.09	18.96		
5	QPSK	1	24	18.96	19.02	19.07		
5	QPSK	12	0	18.94	19.20	19.00	20	0
5	QPSK	12	7	19.08	19.09	19.09		
5	QPSK	12	13	19.09	19.03	19.09		
5	QPSK	25	0	19.20	19.14	19.11		
5	16QAM	1	0	19.16	19.04	18.97	20	0
5	16QAM	1	12	19.00	19.18	18.97		
5	16QAM	1	24	19.10	19.20	19.06		
5	16QAM	12	0	19.17	19.13	19.09	20	0
5	16QAM	12	7	19.00	19.05	19.21		
5	16QAM	12	13	19.25	19.07	19.13		
5	16QAM	25	0	19.03	19.06	18.95		
5	64QAM	1	0	19.17	19.15	19.25	20	0
5	64QAM	1	12	19.17	18.95	19.06		
5	64QAM	1	24	19.09	19.01	19.03		
5	64QAM	12	0	17.97	18.24	18.02	19	1
5	64QAM	12	7	17.99	18.17	18.03		
5	64QAM	12	13	18.06	18.09	18.06		
5	64QAM	25	0	17.88	18.14	17.93		
5	256QAM	1	0	16.17	16.16	16.09	17	3
5	256QAM	1	12	15.99	16.15	16.13		
5	256QAM	1	24	15.98	16.07	16.28		
5	256QAM	12	0	16.02	16.02	16.18	17	3
5	256QAM	12	7	16.20	16.28	15.98		
5	256QAM	12	13	16.10	16.30	16.05		
5	256QAM	25	0	16.27	16.22	16.08		
Channel				26025	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.13	19.15	19.04	20	0
3	QPSK	1	8	19.11	19.12	18.99		
3	QPSK	1	14	18.96	18.92	19.19		
3	QPSK	8	0	18.96	19.11	19.01	20	0
3	QPSK	8	4	19.11	18.99	19.03		
3	QPSK	8	7	19.07	19.11	19.16		
3	QPSK	15	0	19.01	19.17	19.00		
3	16QAM	1	0	19.06	18.98	18.94	20	0
3	16QAM	1	8	19.12	19.19	18.94		
3	16QAM	1	14	19.17	19.03	19.05		
3	16QAM	8	0	19.13	19.08	19.00	20	0
3	16QAM	8	4	18.94	19.08	19.14		
3	16QAM	8	7	19.19	19.06	19.16		
3	16QAM	15	0	18.95	19.08	18.99		
3	64QAM	1	0	19.19	19.09	19.10	20	0
3	64QAM	1	8	19.16	19.00	19.08		
3	64QAM	1	14	19.11	19.09	19.10		
3	64QAM	8	0	18.00	18.15	18.04	19	1
3	64QAM	8	4	18.00	18.13	18.09		
3	64QAM	8	7	18.17	18.01	18.09		
3	64QAM	15	0	18.02	17.99	17.97		
3	256QAM	1	0	16.16	16.11	16.12	17	3
3	256QAM	1	8	16.11	16.03	16.05		
3	256QAM	1	14	15.97	15.98	16.17		
3	256QAM	8	0	16.06	16.08	16.10	17	3
3	256QAM	8	4	16.15	16.22	15.96		
3	256QAM	8	7	16.10	16.17	15.94		
3	256QAM	15	0	16.11	16.03	16.08		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.19	19.24	18.99	20	0
1.4	QPSK	1	3	19.10	19.03	18.94		
1.4	QPSK	1	5	18.93	18.99	19.15		
1.4	QPSK	3	0	19.03	19.23	19.14		
1.4	QPSK	3	1	19.09	19.05	19.05		
1.4	QPSK	3	3	19.03	19.10	19.15		
1.4	QPSK	6	0	19.03	19.17	19.00	20	0
1.4	16QAM	1	0	19.07	18.95	19.09	20	0
1.4	16QAM	1	3	19.10	19.12	19.06		
1.4	16QAM	1	5	19.25	19.07	19.05		
1.4	16QAM	3	0	19.17	19.03	19.09		
1.4	16QAM	3	1	19.04	18.98	19.06		
1.4	16QAM	3	3	19.11	18.94	19.18		
1.4	16QAM	6	0	19.07	19.03	19.06	20	0
1.4	64QAM	1	0	19.13	19.08	19.12	20	0
1.4	64QAM	1	3	19.15	18.94	19.10		
1.4	64QAM	1	5	19.09	19.15	19.21		
1.4	64QAM	3	0	19.00	19.05	19.07		
1.4	64QAM	3	1	19.06	18.91	18.96		
1.4	64QAM	3	3	19.05	18.96	19.07		
1.4	64QAM	6	0	17.86	18.09	18.03	19	1
1.4	256QAM	1	0	16.10	16.14	16.22	17	3
1.4	256QAM	1	3	16.00	16.02	15.95		
1.4	256QAM	1	5	15.94	16.07	16.08		
1.4	256QAM	3	0	15.95	16.12	16.17		
1.4	256QAM	3	1	16.16	16.39	15.97		
1.4	256QAM	3	3	16.12	16.35	15.89		
1.4	256QAM	6	0	16.28	16.08	16.12	17	3

Band 26 for FCC Ant 4 DSI6

BW [MHz]	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	22.63	22.69	22.60	24	0
15	QPSK	1	37	22.63	22.67	22.68		
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55	23	1
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.58	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	1
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	2
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	2
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	3
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.42	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47	24	0
10	QPSK	1	25	22.60	22.59	22.66		
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38	23	1
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	1
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	2
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	2
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	3
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	5
10	256QAM	1	25	17.46	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.36	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.51	22.51	24	0
5	QPSK	1	12	22.46	22.52	22.50		
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49	23	1
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.46	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	1
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	2
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	2
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	3
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.44	22.63	22.50	24	0
3	QPSK	1	8	22.57	22.48	22.49		
3	QPSK	1	14	22.42	22.48	22.35		
3	QPSK	8	0	21.56	21.54	21.36	23	1
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.58	23	1
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	2
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	2
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	3
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.26	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.56	22.44	24	0
1.4	QPSK	1	3	22.53	22.55	22.57		
1.4	QPSK	1	5	22.48	22.55	22.50		
1.4	QPSK	3	0	22.57	22.59	22.50		
1.4	QPSK	3	1	22.60	22.63	22.54		
1.4	QPSK	3	3	22.51	22.45	22.52		
1.4	QPSK	6	0	21.59	21.65	21.53	23	1
1.4	16QAM	1	0	21.43	21.57	21.53	23	1
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	2
1.4	64QAM	1	0	20.34	20.49	20.37	22	2
1.4	64QAM	1	3	20.33	20.53	20.26		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	3
1.4	256QAM	1	0	17.54	17.55	17.61	19	5
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	5

Band 26 for FCC Ant 4 DSI6 sig path: 320

BW [MHz]	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	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.99		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.96		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.76		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.80	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	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	21.14	21.21	21.19		
20	QPSK	1	49	21.06	21.11	21.15	22.5	0
20	QPSK	1	99	21.17	21.09	21.06		
20	QPSK	50	0	20.78	20.81	20.71		
20	QPSK	50	24	20.60	20.66	20.61	22	0.5
20	QPSK	50	50	20.71	20.78	20.57		
20	QPSK	100	0	20.58	20.67	20.65		
20	16QAM	1	0	20.78	20.61	20.63		
20	16QAM	1	49	20.70	20.65	20.75	22	0.5
20	16QAM	1	99	20.70	20.76	20.68		
20	16QAM	50	0	19.79	19.56	19.72		
20	16QAM	50	24	19.63	19.58	19.66	21	1.5
20	16QAM	50	50	19.54	19.71	19.51		
20	16QAM	100	0	19.56	19.60	19.53		
20	16QAM	100	0	19.56	19.60	19.51		
20	64QAM	1	49	19.55	19.57	19.51	21	1.5
20	64QAM	1	99	19.61	19.50	19.73		
20	64QAM	50	0	18.88	18.74	18.77		
20	64QAM	50	24	18.58	18.54	18.75	20	2.5
20	64QAM	50	50	18.62	18.85	18.73		
20	64QAM	100	0	18.67	18.65	18.83		
20	256QAM	1	0	16.62	16.84	16.61		
20	256QAM	1	49	16.74	16.84	16.80	18	4.5
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53		
20	256QAM	50	24	16.56	16.72	16.64	18	4.5
20	256QAM	50	50	16.50	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.03	21.18	21.00		
15	QPSK	1	37	21.00	21.07	21.13	22.5	0
15	QPSK	1	74	21.07	21.01	20.87		
15	QPSK	36	0	20.67	20.81	20.70		
15	QPSK	36	20	20.43	20.51	20.44	22	0.5
15	QPSK	36	39	20.69	20.66	20.48		
15	QPSK	75	0	20.46	20.50	20.54		
15	16QAM	1	0	20.68	20.45	20.46		
15	16QAM	1	37	20.58	20.49	20.66	22	0.5
15	16QAM	1	74	20.57	20.73	20.62		
15	16QAM	36	0	19.72	19.49	19.71		
15	16QAM	36	20	19.47	19.39	19.53	21	1.5
15	16QAM	36	39	19.53	19.64	19.39		
15	16QAM	75	0	19.39	19.44	19.49		
15	64QAM	1	0	19.51	19.51	19.44		
15	64QAM	1	37	19.40	19.55	19.46	21	1.5
15	64QAM	1	74	19.53	19.43	19.58		
15	64QAM	36	0	18.77	18.73	18.59		
15	64QAM	36	20	18.38	18.46	18.57	20	2.5
15	64QAM	36	39	18.59	18.51	18.64		
15	64QAM	75	0	18.62	18.59	18.83		
15	256QAM	1	0	16.45	16.77	16.60		
15	256QAM	1	37	16.60	16.82	16.66	18	4.5
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38		
15	256QAM	36	20	16.51	16.54	16.56	18	4.5
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.13	21.15	21.12		
10	QPSK	1	25	20.93	21.00	21.10	22.5	0
10	QPSK	1	49	20.98	21.01	21.04		
10	QPSK	25	0	20.77	20.78	20.60		
10	QPSK	25	12	20.54	20.58	20.57	22	0.5
10	QPSK	25	25	20.56	20.78	20.52		
10	QPSK	50	0	20.57	20.60	20.47		
10	16QAM	1	0	20.72	20.56	20.59		
10	16QAM	1	25	20.62	20.59	20.72	22	0.5
10	16QAM	1	49	20.57	20.59	20.56		
10	16QAM	25	0	19.72	19.38	19.63		
10	16QAM	25	12	19.62	19.57	19.48	21	1.5
10	16QAM	25	25	19.36	19.55	19.50		
10	16QAM	50	0	19.38	19.43	19.45		
10	64QAM	1	0	19.40	19.48	19.47		
10	64QAM	1	25	19.43	19.49	19.44	21	1.5
10	64QAM	1	49	19.47	19.37	19.70		
10	64QAM	25	0	18.82	18.72	18.58		
10	64QAM	25	12	18.53	18.52	18.75	20	2.5
10	64QAM	25	25	18.57	18.46	18.65		
10	64QAM	50	0	18.61	18.58	18.71		
10	256QAM	1	0	16.52	16.79	16.57		
10	256QAM	1	25	16.63	16.66	16.61	18	4.5
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43		
10	256QAM	25	12	16.55	16.70	16.63	18	4.5
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.97	21.10	21.11		
5	QPSK	1	12	20.98	21.00	21.07	22.5	0
5	QPSK	1	24	21.11	21.09	21.01		
5	QPSK	12	0	20.77	20.77	20.56		
5	QPSK	12	7	20.53	20.49	20.60	22	0.5
5	QPSK	12	13	20.61	20.63	20.56		
5	QPSK	25	0	20.49	20.54	20.49		
5	16QAM	1	0	20.74	20.61	20.46		
5	16QAM	1	12	20.67	20.53	20.64	22	0.5
5	16QAM	1	24	20.70	20.69	20.64		
5	16QAM	12	0	19.75	19.44	19.67		
5	16QAM	12	7	19.47	19.40	19.49	21	1.5
5	16QAM	12	13	19.49	19.70	19.35		
5	16QAM	25	0	19.46	19.46	19.45		
5	64QAM	1	0	19.51	19.48	19.32		
5	64QAM	1	12	19.52	19.47	19.37	21	1.5
5	64QAM	1	24	19.44	19.47	19.66		
5	64QAM	12	0	18.74	18.54	18.71		
5	64QAM	12	7	18.53	18.39	18.60	20	2.5
5	64QAM	12	13	18.51	18.61	18.55		
5	64QAM	25	0	18.58	18.47	18.71		
5	256QAM	1	0	16.58	16.83	16.52		
5	256QAM	1	12	16.63	16.81	16.67	18	4.5
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53		
5	256QAM	12	7	16.40	16.67	16.46	18	4.5
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131867	132222	132567	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.99	21.02	21.01		
3	QPSK	1	8	20.89	20.99	20.96	22.5	0
3	QPSK	1	14	21.02	20.89	21.03		
3	QPSK	8	0	20.76	20.77	20.51		
3	QPSK	8	4	20.47	20.56	20.60	22	0.5
3	QPSK	8	7	20.51	20.65	20.45		
3	QPSK	15	0	20.48	20.58	20.64		
3	16QAM	1	0	20.77	20.43	20.56		
3	16QAM	1	8	20.52	20.49	20.67	22	0.5
3	16QAM	1	14	20.53	20.63	20.56		
3	16QAM	8	0	19.73	19.44	19.57		
3	16QAM	8	4	19.60	19.48	19.56	21	1.5
3	16QAM	8	7	19.50	19.61	19.50		
3	16QAM	15	0	19.55	19.49	19.34		
3	64QAM	1	0	19.38	19.43	19.48		
3	64QAM	1	8	19.39	19.39	19.35	21	1.5
3	64QAM	1	14	19.47	19.38	19.66		
3	64QAM	8	0	18.85	18.67	18.75		
3	64QAM	8	4	18.58	18.49	18.67	20	2.5
3	64QAM	8	7	18.42	18.61	18.57		
3	64QAM	15	0	18.66	18.55	18.82		
3	256QAM	1	0	16.45	16.75	16.45		
3	256QAM	1	8	16.59	16.80	16.77	18	4.5
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44		
3	256QAM	8	4	16.50	16.58	16.46	18	4.5
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.08	21.13	20.99		
1.4	QPSK	1	3	20.97	21.10	21.06		
1.4	QPSK	1	5	20.98	20.97	20.89	22.5	0
1.4	QPSK	3	0	21.02	21.15	21.06		
1.4	QPSK	3	1	21.02	20.95	21.05		
1.4	QPSK	3	3	21.08	20.99	20.98		
1.4	QPSK	6	0	20.66	20.67	20.53	22	0.5
1.4	16QAM	1	0	20.56	20.64	20.50		
1.4	16QAM	1	3	20.59	20.64	20.47		
1.4	16QAM	1	5	20.46	20.57	20.59	22	0.5
1.4	16QAM	3	0	20.66	20.58	20.48		
1.4	16QAM	3	1	20.63	20.54	20.67		
1.4	16QAM	3	3	20.57	20.73	20.55		
1.4	16QAM	6	0	19.78	19.37	19.62	21	1.5
1.4	64QAM	1	0	19.53	19.42	19.59		
1.4	64QAM	1	3	19.40	19.68	19.35		
1.4	64QAM	1	5	19.41	19.42	19.40	21	1.5
1.4	64QAM	3	0	19.38	19.48	19.47		
1.4	64QAM	3	1	19.40	19.40	19.34		
1.4	64QAM	3	3	19.57	19.33	19.62		
1.4	64QAM	6	0	18.73	18.72	18.71	20	2.5
1.4	256QAM	1	0	16.61	16.65	16.45		
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76	18	4.5
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	4.5

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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	20.93	21.06	20.91		
20	QPSK	1	49	20.92	21.00	20.96	22.5	0
20	QPSK	1	99	20.93	20.88	20.91		
20	QPSK	50	0	20.46	20.52	20.47		
20	QPSK	50	24	20.24	20.42	20.38	22	0.5
20	QPSK	50	50	20.39	20.41	20.31		
20	QPSK	100	0	20.41	20.45	20.42		
20	16QAM	1	0	20.42	20.33	20.30		
20	16QAM	1	49	20.35	20.38	20.50	22	0.5
20	16QAM	1	99	20.33	20.52	20.41		
20	16QAM	50	0	19.49	19.28	19.39		
20	16QAM	50	24	19.33	19.22	19.43	21	1.5
20	16QAM	50	50	19.23	19.45	19.20		
20	16QAM	100	0	19.33	19.22	19.21		
20	64QAM	1	0	19.21	19.27	19.20		
20	64QAM	1	49	19.31	19.21	19.18	21	1.5
20	64QAM	1	99	19.27	19.17	19.41		
20	64QAM	50	0	18.53	18.50	18.44		
20	64QAM	50	24	18.35	18.22	18.39	20	2.5
20	64QAM	50	50	18.39	18.40	18.41		
20	64QAM	100	0	18.42	18.32	18.58		
20	256QAM	1	0	16.25	16.62	16.26		
20	256QAM	1	49	16.40	16.60	16.52	18	4.5
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18		
20	256QAM	50	24	16.32	16.37	16.35	18	4.5
20	256QAM	50	50	16.25	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.88	21.05	20.86		
15	QPSK	1	37	20.79	20.84	20.79	22.5	0
15	QPSK	1	74	20.75	20.73	20.82		
15	QPSK	36	0	20.30	20.35	20.30		
15	QPSK	36	20	20.10	20.26	20.35	22	0.5
15	QPSK	36	39	20.30	20.30	20.14		
15	QPSK	75	0	20.25	20.40	20.32		
15	16QAM	1	0	20.28	20.18	20.21		
15	16QAM	1	37	20.30	20.22	20.35	22	0.5
15	16QAM	1	74	20.19	20.42	20.36		
15	16QAM	36	0	19.33	19.21	19.22		
15	16QAM	36	20	19.30	19.15	19.37	21	1.5
15	16QAM	36	39	19.10	19.29	19.13		
15	16QAM	75	0	19.24	19.10	19.03		
15	64QAM	1	0	19.08	19.21	19.15		
15	64QAM	1	37	19.16	19.15	19.10	21	1.5
15	64QAM	1	74	19.25	19.06	19.23		
15	64QAM	36	0	18.47	18.36	18.37		
15	64QAM	36	20	18.25	18.10	18.28	20	2.5
15	64QAM	36	39	18.33	18.25	18.32		
15	64QAM	75	0	18.38	18.24	18.53		
15	256QAM	1	0	16.21	16.45	16.14		
15	256QAM	1	37	16.37	16.54	16.39	18	4.5
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14		
15	256QAM	36	20	16.30	16.24	16.32	18	4.5
15	256QAM	36	39	16.16	16.14	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.73	21.02	20.82		
10	QPSK	1	25	20.87	20.89	20.93	22.5	0
10	QPSK	1	49	20.88	20.78	20.74		
10	QPSK	25	0	20.31	20.34	20.32		
10	QPSK	25	12	20.16	20.31	20.25	22	0.5
10	QPSK	25	25	20.21	20.24	20.16		
10	QPSK	50	0	20.30	20.31	20.31		
10	16QAM	1	0	20.29	20.29	20.26		
10	16QAM	1	25	20.22	20.35	20.46	22	0.5
10	16QAM	1	49	20.19	20.48	20.27		
10	16QAM	25	0	19.40	19.14	19.35		
10	16QAM	25	12	19.30	19.17	19.33	21	1.5
10	16QAM	25	25	19.13	19.41	19.13		
10	16QAM	50	0	19.29	19.18	19.19		
10	64QAM	1	0	19.16	19.20	19.17		
10	64QAM	1	25	19.19	19.09	19.09	21	1.5
10	64QAM	1	49	19.20	19.10	19.35		
10	64QAM	25	0	18.49	18.41	18.30		
10	64QAM	25	12	18.18	18.13	18.30	20	2.5
10	64QAM	25	25	18.31	18.31	18.23		
10	64QAM	50	0	18.29	18.25	18.46		
10	256QAM	1	0	16.12	16.47	16.10		
10	256QAM	1	25	16.32	16.56	16.47	18	4.5
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12		
10	256QAM	25	12	16.24	16.34	16.25	18	4.5
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.28	16.25	16.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.86	21.01	20.74		
5	QPSK	1	12	20.89	20.95	20.80	22.5	0
5	QPSK	1	24	20.92	20.80	20.79		
5	QPSK	12	0	20.44	20.49	20.34		
5	QPSK	12	7	20.22	20.26	20.21	22	0.5
5	QPSK	12	13	20.36	20.27	20.23		
5	QPSK	25	0	20.29	20.34	20.25		
5	16QAM	1	0	20.25	20.27	20.16		
5	16QAM	1	12	20.31	20.29	20.46	22	0.5
5	16QAM	1	24	20.27	20.47	20.31		
5	16QAM	12	0	19.40	19.16	19.24		
5	16QAM	12	7	19.20	19.11	19.27	21	1.5
5	16QAM	12	13	19.19	19.30	19.09		
5	16QAM	25	0	19.21	19.11	19.06		
5	64QAM	1	0	19.04	19.13	19.05		
5	64QAM	1	12	19.13	19.10	19.12	21	1.5
5	64QAM	1	24	19.18	19.14	19.28		
5	64QAM	12	0	18.37	18.36	18.39		
5	64QAM	12	7	18.29	18.12	18.32	20	2.5
5	64QAM	12	13	18.34	18.23	18.36		
5	64QAM	25	0	18.28	18.22	18.54		
5	256QAM	1	0	16.16	16.52	16.11		
5	256QAM	1	12	16.28	16.45	16.45	18	4.5
5	256QAM	1	24	16.35	16.23	16.31		
5	256QAM	12	0	16.00	16.33	16.12		
5	256QAM	12	7	16.18	16.35	16.27	18	4.5
5	256QAM	12	13	16.08	16.05	16.03		
5	256QAM	25	0	16.20	16.25	16.01		
Channel				131867	132222	132567	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.77	21.00	20.86		
3	QPSK	1	8	20.91	20.88	20.81	22.5	0
3	QPSK	1	14	20.90	20.82	20.85		
3	QPSK	8	0	20.37	20.37	20.30		
3	QPSK	8	4	20.07	20.28	20.36	22	0.5
3	QPSK	8	7	20.29	20.31	20.16		
3	QPSK	15	0	20.35	20.32	20.26		
3	16QAM	1	0	20.30	20.24	20.15		
3	16QAM	1	8	20.26	20.22	20.35	22	0.5
3	16QAM	1	14	20.30	20.42	20.35		
3	16QAM	8	0	19.31	19.14	19.37		
3	16QAM	8	4	19.25	19.06	19.31	21	1.5
3	16QAM	8	7	19.17	19.38	19.13		
3	16QAM	15	0	19.31	19.19	19.07		
3	64QAM	1	0	19.06	19.09	19.18		
3	64QAM	1	8	19.15	19.13	19.06	21	1.5
3	64QAM	1	14	19.24	19.05	19.31		
3	64QAM	8	0	18.45	18.42	18.28		
3	64QAM	8	4	18.25	18.13	18.32	20	2.5
3	64QAM	8	7	18.28	18.23	18.26		
3	64QAM	15	0	18.24	18.20	18.33		
3	256QAM	1	0	16.12	16.54	16.16		
3	256QAM	1	8	16.27	16.43	16.47	18	4.5
3	256QAM	1	14	16.38	16.21	16.29		
3	256QAM	8	0	16.13	16.34	16.15		
3	256QAM	8	4	16.21	16.23	16.25	18	4.5
3	256QAM	8	7	16.18	16.09	16.11		
3	256QAM	15	0	16.23	16.14	16.02		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.82	20.91	20.83		
1.4	QPSK	1	3	20.82	20.85	20.95		
1.4	QPSK	1	5	20.86	20.72	20.81	22.5	0
1.4	QPSK	3	0	20.92	20.99	20.92		
1.4	QPSK	3	1	20.95	20.89	20.84		
1.4	QPSK	3	3	20.87	20.81	20.80		
1.4	QPSK	6	0	20.40	20.37	20.25	22	0.5
1.4	16QAM	1	0	20.19	20.27	20.27		
1.4	16QAM	1	3	20.28	20.35	20.11		
1.4	16QAM	1	5	20.20	20.28	20.33	22	0.5
1.4	16QAM	3	0	20.33	20.24	20.17		
1.4	16QAM	3	1	20.40	20.32	20.44		
1.4	16QAM	3	3	20.29	20.44	20.25		
1.4	16QAM	6	0	19.52	19.04	19.38	21	1.5
1.4	64QAM	1	0	19.28	19.13	19.29		
1.4	64QAM	1	3	19.06	19.34	19.07		
1.4	64QAM	1	5	19.03	19.12	19.10	21	1.5
1.4	64QAM	3	0	19.05	19.26	19.25		
1.4	64QAM	3	1	19.07	19.04	19.08		
1.4	64QAM	3	3	19.27	19.01	19.38		
1.4	64QAM	6	0	18.47	18.48	18.35	20	2.5
1.4	256QAM	1	0	16.27	16.30	16.19		
1.4	256QAM	1	3	16.30	16.50	16.55		
1.4	256QAM	1	5	16.38	16.36	16.42	18	4.5
1.4	256QAM	3	0	16.19	16.31	16.05		
1.4	256QAM	3	1	16.06	16.28	16.32		
1.4	256QAM	3	3	16.12	16.11	16.02		
1.4	256QAM	6	0	16.20	16.20	16.02	18	4.5

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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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21

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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	22.93	22.98	22.81	22.90	24	0
20	QPSK	1	49	22.80	22.93	22.84	22.75		
20	QPSK	1	99	22.80	22.93	22.84	22.75		
20	QPSK	50	0	21.93	21.97	21.84	21.87	23	1
20	QPSK	50	24	21.78	21.93	21.88	21.86		
20	QPSK	50	50	21.92	21.96	21.83	21.87		
20	QPSK	100	0	21.71	21.95	21.72	21.78		
20	16QAM	1	0	21.62	21.75	21.77	21.65	23	1
20	16QAM	1	49	21.59	21.75	21.68	21.53		
20	16QAM	1	99	21.59	21.67	21.61	21.65		
20	16QAM	50	0	20.90	20.93	20.84	20.80	22	2
20	16QAM	50	24	20.83	20.94	20.97	20.89		
20	16QAM	50	50	20.74	20.81	20.78	20.74		
20	16QAM	100	0	20.72	20.91	20.82	20.87		
20	64QAM	1	0	20.66	20.59	20.63	20.52	22	2
20	64QAM	1	49	20.54	20.58	20.49	20.45		
20	64QAM	1	99	20.47	20.55	20.45	20.51		
20	64QAM	50	0	19.64	19.83	19.78	19.67	21	3
20	64QAM	50	24	19.51	19.65	19.58	19.57		
20	64QAM	50	50	19.62	19.66	19.56	19.60		
20	64QAM	100	0	19.63	19.76	19.66	19.63		
20	256QAM	1	0	17.67	17.76	17.56	17.69	19	5
20	256QAM	1	49	17.55	17.77	17.65	17.66		
20	256QAM	1	99	17.48	17.69	17.64	17.53		
20	256QAM	50	0	17.75	17.76	17.68	17.68	19	5
20	256QAM	50	24	17.73	17.82	17.68	17.64		
20	256QAM	50	50	17.57	17.66	17.51	17.48		
20	256QAM	100	0	17.77	17.82	17.69	17.70		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
15	QPSK	1	37	22.68	22.79	22.74	22.61		
15	QPSK	1	74	22.75	22.86	22.75	22.66		
15	QPSK	36	0	21.81	21.86	21.74	21.76	23	1
15	QPSK	36	20	21.72	21.85	21.78	21.78		
15	QPSK	36	39	21.80	21.84	21.76	21.83		
15	QPSK	75	0	21.67	21.84	21.65	21.66		
15	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
15	16QAM	1	37	21.49	21.67	21.62	21.41		
15	16QAM	1	74	21.47	21.52	21.47	21.49		
15	16QAM	36	0	20.83	20.81	20.69	20.67	22	2
15	16QAM	36	20	20.72	20.82	20.84	20.84		
15	16QAM	36	39	20.67	20.73	20.67	20.68		
15	16QAM	75	0	20.57	20.78	20.67	20.79		
15	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
15	64QAM	1	37	20.46	20.52	20.42	20.38		
15	64QAM	1	74	20.41	20.41	20.29	20.42		
15	64QAM	36	0	19.56	19.75	19.63	19.52	21	3
15	64QAM	36	20	19.40	19.51	19.50	19.48		
15	64QAM	36	39	19.48	19.53	19.40	19.52		
15	64QAM	75	0	19.53	19.63	19.54	19.48		
15	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
15	256QAM	1	37	17.45	17.64	17.56	17.53		
15	256QAM	1	74	17.42	17.62	17.50	17.41		
15	256QAM	36	0	17.64	17.63	17.61	17.57	19	5
15	256QAM	36	20	17.62	17.70	17.57	17.58		
15	256QAM	36	39	17.45	17.55	17.37	17.35		
15	256QAM	75	0	17.68	17.74	17.56	17.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
10	QPSK	1	25	22.68	22.79	22.74	22.61		
10	QPSK	1	49	22.75	22.86	22.75	22.66		
10	QPSK	25	0	21.81	21.86	21.74	21.76	23	1
10	QPSK	25	12	21.72	21.85	21.78	21.78		
10	QPSK	25	25	21.80	21.84	21.76	21.83		
10	QPSK	50	0	21.67	21.84	21.65	21.66		
10	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
10	16QAM	1	25	21.49	21.67	21.62	21.41		
10	16QAM	1	49	21.47	21.52	21.47	21.49		
10	16QAM	25	0	20.83	20.81	20.69	20.67	22	2
10	16QAM	25	12	20.72	20.82	20.84	20.84		
10	16QAM	25	25	20.67	20.73	20.67	20.68		
10	16QAM	50	0	20.57	20.78	20.67	20.79		
10	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
10	64QAM	1	25	20.46	20.52	20.42	20.38		
10	64QAM	1	49	20.41	20.41	20.29	20.42		
10	64QAM	25	0	19.56	19.75	19.63	19.52	21	3
10	64QAM	25	12	19.40	19.51	19.50	19.48		
10	64QAM	25	25	19.48	19.53	19.40	19.52		
10	64QAM	50	0	19.53	19.63	19.54	19.48		
10	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
10	256QAM	1	25	17.45	17.64	17.56	17.53		
10	256QAM	1	49	17.42	17.62	17.50	17.41		
10	256QAM	25	0	17.64	17.63	17.61	17.57	19	5
10	256QAM	25	12	17.62	17.70	17.57	17.58		
10	256QAM	25	25	17.45	17.55	17.37	17.35		
10	256QAM	50	0	17.68	17.74	17.56	17.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.88	22.93	22.73	22.80	24	0
5	QPSK	1	12	22.68	22.79	22.74	22.61		
5	QPSK	1	24	22.75	22.86	22.75	22.66		
5	QPSK	12	0	21.81	21.86	21.74	21.76	23	1
5	QPSK	12	7	21.72	21.85	21.78	21.78		
5	QPSK	12	13	21.80	21.84	21.76	21.83		
5	QPSK	25	0	21.67	21.84	21.65	21.66		
5	16QAM	1	0	21.57	21.69	21.69	21.53	23	1
5	16QAM	1	12	21.49	21.67	21.62	21.41		
5	16QAM	1	24	21.47	21.52	21.47	21.49		
5	16QAM	12	0	20.83	20.81	20.69	20.67	22	2
5	16QAM	12	7	20.72	20.82	20.84	20.84		
5	16QAM	12	13	20.67	20.73	20.67	20.68		
5	16QAM	25	0	20.57	20.78	20.67	20.79		
5	64QAM	1	0	20.52	20.50	20.50	20.41	22	2
5	64QAM	1	12	20.46	20.52	20.42	20.38		
5	64QAM	1	24	20.41	20.41	20.29	20.42		
5	64QAM	12	0	19.56	19.75	19.63	19.52	21	3
5	64QAM	12	7	19.40	19.51	19.50	19.48		
5	64QAM	12	13	19.48	19.53	19.40	19.52		
5	64QAM	25	0	19.53	19.63	19.54	19.48		
5	256QAM	1	0	17.57	17.67	17.51	17.63	19	5
5	256QAM	1	12	17.45	17.64	17.56	17.53		
5	256QAM	1	24	17.42	17.62	17.50	17.41		
5	256QAM	12	0	17.64	17.63	17.61	17.57	19	5
5	256QAM	12	7	17.62	17.70	17.57	17.58		
5	256QAM	12	13	17.45	17.55	17.37	17.35		
5	256QAM	25	0	17.68	17.74	17.56	17.58		

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BW [MHz]	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	16.68	16.75	16.71	18	0
20	QPSK	1	49	16.63	16.62	16.70		
20	QPSK	1	99	16.48	16.54	16.71		
20	QPSK	50	0	16.64	16.71	16.70	18	0
20	QPSK	50	24	16.56	16.67	16.70		
20	QPSK	50	50	16.47	16.63	16.55		
20	QPSK	100	0	16.46	16.59	16.56		
20	16QAM	1	0	16.68	16.64	16.62	18	0
20	16QAM	1	49	16.48	16.67	16.57		
20	16QAM	1	99	16.59	16.67	16.54		
20	16QAM	50	0	16.63	16.57	16.69	18	0
20	16QAM	50	24	16.52	16.68	16.51		
20	16QAM	50	50	16.58	16.67	16.64		
20	16QAM	100	0	16.62	16.73	16.64		
20	64QAM	1	0	16.51	16.70	16.69	18	0
20	64QAM	1	49	16.65	16.53	16.48		
20	64QAM	1	99	16.53	16.74	16.61		
20	64QAM	50	0	16.59	16.69	16.67	18	0
20	64QAM	50	24	16.67	16.68	16.49		
20	64QAM	50	50	16.51	16.57	16.52		
20	64QAM	100	0	16.57	16.61	16.69		
20	256QAM	1	0	16.63	16.66	16.69	18	0
20	256QAM	1	49	16.59	16.65	16.54		
20	256QAM	1	99	16.47	16.71	16.59		
20	256QAM	50	0	16.53	16.63	16.51	18	0
20	256QAM	50	24	16.55	16.59	16.66		
20	256QAM	50	50	16.57	16.61	16.60		
20	256QAM	100	0	16.55	16.62	16.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.41	16.55	16.52	18	0
15	QPSK	1	37	16.54	16.66	16.60		
15	QPSK	1	74	16.43	16.49	16.53		
15	QPSK	36	0	16.51	16.68	16.60	18	0
15	QPSK	36	20	16.47	16.62	16.65		
15	QPSK	36	39	16.52	16.64	16.48		
15	QPSK	75	0	16.42	16.72	16.51		
15	16QAM	1	0	16.45	16.58	16.54	18	0
15	16QAM	1	37	16.46	16.60	16.46		
15	16QAM	1	74	16.48	16.51	16.55		
15	16QAM	36	0	16.44	16.66	16.49	18	0
15	16QAM	36	20	16.61	16.60	16.58		
15	16QAM	36	39	16.48	16.69	16.63		
15	16QAM	75	0	16.56	16.53	16.58		
15	64QAM	1	0	16.57	16.52	16.60	18	0
15	64QAM	1	37	16.51	16.64	16.53		
15	64QAM	1	74	16.55	16.62	16.57		
15	64QAM	36	0	16.51	16.63	16.56	18	0
15	64QAM	36	20	16.54	16.66	16.54		
15	64QAM	36	39	16.51	16.64	16.45		
15	64QAM	75	0	16.52	16.57	16.66		
15	256QAM	1	0	16.62	16.57	16.63	18	0
15	256QAM	1	37	16.56	16.59	16.67		
15	256QAM	1	74	16.53	16.70	16.55		
15	256QAM	36	0	16.50	16.68	16.44	18	0
15	256QAM	36	20	16.60	16.51	16.43		
15	256QAM	36	39	16.52	16.66	16.52		
15	256QAM	75	0	16.46	16.53	16.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.54	16.51	16.67	18	0
10	QPSK	1	25	16.60	16.51	16.53		
10	QPSK	1	49	16.47	16.67	16.61		
10	QPSK	25	0	16.49	16.63	16.57	18	0
10	QPSK	25	12	16.51	16.61	16.47		
10	QPSK	25	25	16.62	16.64	16.58		
10	QPSK	50	0	16.64	16.57	16.58		
10	16QAM	1	0	16.49	16.49	16.48	18	0
10	16QAM	1	25	16.52	16.65	16.54		
10	16QAM	1	49	16.51	16.59	16.65		
10	16QAM	25	0	16.56	16.62	16.52	18	0
10	16QAM	25	12	16.47	16.49	16.52		
10	16QAM	25	25	16.63	16.51	16.63		
10	16QAM	50	0	16.47	16.70	16.50		
10	64QAM	1	0	16.63	16.52	16.47	18	0
10	64QAM	1	25	16.63	16.51	16.67		
10	64QAM	1	49	16.65	16.59	16.51		
10	64QAM	25	0	16.59	16.71	16.43	18	0
10	64QAM	25	12	16.63	16.67	16.47		
10	64QAM	25	25	16.54	16.63	16.60		
10	64QAM	50	0	16.49	16.49	16.67		
10	256QAM	1	0	16.55	16.61	16.51	18	0
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.42	16.64	16.54		
10	256QAM	25	0	16.50	16.51	16.61	18	0
10	256QAM	25	12	16.48	16.61	16.60		
10	256QAM	25	25	16.48	16.53	16.59		
10	256QAM	50	0	16.61	16.53	16.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.52	16.55	16.55	18	0
5	QPSK	1	12	16.55	16.54	16.50		
5	QPSK	1	24	16.57	16.56	16.58		
5	QPSK	12	0	16.44	16.61	16.53	18	0
5	QPSK	12	7	16.56	16.62	16.51		
5	QPSK	12	13	16.50	16.58	16.51		
5	QPSK	25	0	16.47	16.49	16.56		
5	16QAM	1	0	16.60	16.49	16.58	18	0
5	16QAM	1	12	16.52	16.66	16.53		
5	16QAM	1	24	16.44	16.50	16.51		
5	16QAM	12	0	16.53	16.64	16.61	18	0
5	16QAM	12	7	16.51	16.60	16.66		
5	16QAM	12	13	16.49	16.55	16.43		
5	16QAM	25	0	16.52	16.64	16.66		
5	64QAM	1	0	16.52	16.63	16.52	18	0
5	64QAM	1	12	16.55	16.59	16.50		
5	64QAM	1	24	16.50	16.60	16.61		
5	64QAM	12	0	16.41	16.52	16.66	18	0
5	64QAM	12	7	16.46	16.64	16.52		
5	64QAM	12	13	16.50	16.53	16.56		
5	64QAM	25	0	16.45	16.57	16.45		
5	256QAM	1	0	16.64	16.54	16.67	18	0
5	256QAM	1	12	16.49	16.71	16.54		
5	256QAM	1	24	16.46	16.60	16.47		
5	256QAM	12	0	16.60	16.66	16.57	18	0
5	256QAM	12	7	16.53	16.58	16.58		
5	256QAM	12	13	16.47	16.62	16.65		
5	256QAM	25	0	16.57	16.72	16.46		
Channel				18618	18900	19182	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.48	16.49	16.59	18	0
3	QPSK	1	8	16.52	16.58	16.46		
3	QPSK	1	14	16.56	16.53	16.50		
3	QPSK	8	0	16.60	16.67	16.56	18	0
3	QPSK	8	4	16.45	16.67	16.62		
3	QPSK	8	7	16.48	16.54	16.56		
3	QPSK	15	0	16.60	16.61	16.58		
3	16QAM	1	0	16.49	16.60	16.46	18	0
3	16QAM	1	8	16.47	16.58	16.44		
3	16QAM	1	14	16.54	16.70	16.45		
3	16QAM	8	0	16.62	16.59	16.55	18	0
3	16QAM	8	4	16.54	16.60	16.52		
3	16QAM	8	7	16.60	16.57	16.63		
3	16QAM	15	0	16.49	16.61	16.61		
3	64QAM	1	0	16.54	16.62	16.65	18	0
3	64QAM	1	8	16.43	16.61	16.55		
3	64QAM	1	14	16.60	16.60	16.60		
3	64QAM	8	0	16.59	16.72	16.60	18	0
3	64QAM	8	4	16.57	16.50	16.62		
3	64QAM	8	7	16.61	16.55	16.52		
3	64QAM	15	0	16.44	16.70	16.55		
3	256QAM	1	0	16.58	16.50	16.53	18	0
3	256QAM	1	8	16.58	16.59	16.61		
3	256QAM	1	14	16.57	16.53	16.45		
3	256QAM	8	0	16.45	16.60	16.64	18	0
3	256QAM	8	4	16.53	16.49	16.54		
3	256QAM	8	7	16.64	16.69	16.64		
3	256QAM	15	0	16.41	16.66	16.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.57	16.56	16.61	18	0
1.4	QPSK	1	3	16.65	16.64	16.47		
1.4	QPSK	1	5	16.53	16.53	16.56		
1.4	QPSK	3	0	16.53	16.61	16.59		
1.4	QPSK	3	1	16.61	16.48	16.49		
1.4	QPSK	3	3	16.55	16.58	16.55		
1.4	QPSK	6	0	16.43	16.71	16.58	18	0
1.4	16QAM	1	0	16.51	16.66	16.46	18	0
1.4	16QAM	1	3	16.44	16.65	16.47		
1.4	16QAM	1	5	16.64	16.59	16.56		
1.4	16QAM	3	0	16.60	16.62	16.59		
1.4	16QAM	3	1	16.50	16.64	16.47		
1.4	16QAM	3	3	16.49	16.69	16.54		
1.4	16QAM	6	0	16.51	16.56	16.63	18	0
1.4	64QAM	1	0	16.45	16.57	16.55	18	0
1.4	64QAM	1	3	16.64	16.70	16.62		
1.4	64QAM	1	5	16.42	16.55	16.47		
1.4	64QAM	3	0	16.57	16.70	16.60		
1.4	64QAM	3	1	16.63	16.53	16.53		
1.4	64QAM	3	3	16.56	16.64	16.64		
1.4	64QAM	6	0	16.56	16.60	16.54	18	0
1.4	256QAM	1	0	16.53	16.72	16.57	18	0
1.4	256QAM	1	3	16.55	16.51	16.58		
1.4	256QAM	1	5	16.52	16.53	16.64		
1.4	256QAM	3	0	16.57	16.62	16.59		
1.4	256QAM	3	1	16.59	16.58	16.61		
1.4	256QAM	3	3	16.44	16.49	16.48		
1.4	256QAM	6	0	16.54	16.61	16.46	18	0

Reduced Power Mode for Main PA DSI6 ENDC

Band 2 Ant 0 DSI6 sig path：347

BW [MHz]	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	17.34	17.47	17.36	18	0
20	QPSK	1	49	17.43	17.40	17.21		
20	QPSK	1	99	17.21	17.22	17.20		
20	QPSK	50	0	17.37	17.43	17.38	18	0
20	QPSK	50	24	17.20	17.24	17.30		
20	QPSK	50	50	17.24	17.33	17.21		
20	QPSK	100	0	17.35	17.40	17.37		
20	16QAM	1	0	17.39	17.41	17.10	18	0
20	16QAM	1	49	17.20	17.33	17.32		
20	16QAM	1	99	17.22	17.30	17.23		
20	16QAM	50	0	17.39	17.27	17.27	18	0
20	16QAM	50	24	17.38	17.23	17.27		
20	16QAM	50	50	17.30	17.23	17.25		
20	16QAM	100	0	17.37	17.29	17.16		
20	64QAM	1	0	17.24	17.24	17.25	18	0
20	64QAM	1	49	17.30	17.38	17.20		
20	64QAM	1	99	17.40	17.31	17.23		
20	64QAM	50	0	17.23	17.27	17.18	18	0
20	64QAM	50	24	17.31	17.36	17.18		
20	64QAM	50	50	17.39	17.23	17.20		
20	64QAM	100	0	17.20	17.46	17.10		
20	256QAM	1	0	17.20	17.41	17.18	18	0
20	256QAM	1	49	17.41	17.35	17.28		
20	256QAM	1	99	17.36	17.23	17.15		
20	256QAM	50	0	17.40	17.23	17.17	18	0
20	256QAM	50	24	17.22	17.36	17.16		
20	256QAM	50	50	17.23	17.36	17.30		
20	256QAM	100	0	17.23	17.24	17.22		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.26	17.36	17.12	18	0
15	QPSK	1	37	17.23	17.24	17.08		
15	QPSK	1	74	17.33	17.23	17.17		
15	QPSK	36	0	17.25	17.28	17.12	18	0
15	QPSK	36	20	17.31	17.31	17.23		
15	QPSK	36	39	17.37	17.16	17.11		
15	QPSK	75	0	17.34	17.23	17.23		
15	16QAM	1	0	17.26	17.30	17.17	18	0
15	16QAM	1	37	17.16	17.31	17.14		
15	16QAM	1	74	17.33	17.27	17.17		
15	16QAM	36	0	17.22	17.40	17.24	18	0
15	16QAM	36	20	17.25	17.30	17.25		
15	16QAM	36	39	17.27	17.22	17.07		
15	16QAM	75	0	17.25	17.29	17.07		
15	64QAM	1	0	17.26	17.19	17.21	18	0
15	64QAM	1	37	17.22	17.35	17.22		
15	64QAM	1	74	17.28	17.23	17.26		
15	64QAM	36	0	17.30	17.17	17.13	18	0
15	64QAM	36	20	17.26	17.26	17.27		
15	64QAM	36	39	17.23	17.17	17.04		
15	64QAM	75	0	17.37	17.17	17.03		
15	256QAM	1	0	17.16	17.23	17.13	18	0
15	256QAM	1	37	17.32	17.26	17.07		
15	256QAM	1	74	17.20	17.27	17.26		
15	256QAM	36	0	17.36	17.32	17.06	18	0
15	256QAM	36	20	17.18	17.31	17.22		
15	256QAM	36	39	17.18	17.27	17.06		
15	256QAM	75	0	17.18	17.31	17.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.32	17.17	17.14	18	0
10	QPSK	1	25	17.29	17.24	17.26		
10	QPSK	1	49	17.31	17.26	17.22		
10	QPSK	25	0	17.34	17.33	17.23	18	0
10	QPSK	25	12	17.36	17.24	17.23		
10	QPSK	25	25	17.37	17.39	17.07		
10	QPSK	50	0	17.23	17.35	17.07		
10	16QAM	1	0	17.36	17.27	17.08	18	0
10	16QAM	1	25	17.28	17.29	17.21		
10	16QAM	1	49	17.30	17.35	17.24		
10	16QAM	25	0	17.20	17.18	17.26	18	0
10	16QAM	25	12	17.20	17.20	17.13		
10	16QAM	25	25	17.36	17.39	17.12		
10	16QAM	50	0	17.17	17.28	17.11		
10	64QAM	1	0	17.32	17.32	17.26	18	0
10	64QAM	1	25	17.20	17.31	17.24		
10	64QAM	1	49	17.17	17.35	17.10		
10	64QAM	25	0	17.17	17.29	17.15	18	0
10	64QAM	25	12	17.21	17.32	17.12		
10	64QAM	25	25	17.27	17.20	17.26		
10	64QAM	50	0	17.19	17.33	17.13		
10	256QAM	1	0	17.34	17.29	17.10	18	0
10	256QAM	1	25	17.15	17.19	17.18		
10	256QAM	1	49	17.23	17.38	17.03		
10	256QAM	25	0	17.15	17.29	17.08	18	0
10	256QAM	25	12	17.21	17.39	17.05		
10	256QAM	25	25	17.19	17.21	17.09		
10	256QAM	50	0	17.15	17.39	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.19	17.40	17.15	18	0
5	QPSK	1	12	17.24	17.39	17.09		
5	QPSK	1	24	17.27	17.28	17.10		
5	QPSK	12	0	17.20	17.22	17.04	18	0
5	QPSK	12	7	17.34	17.27	17.13		
5	QPSK	12	13	17.26	17.20	17.15		
5	QPSK	25	0	17.36	17.34	17.22		
5	16QAM	1	0	17.14	17.19	17.18	18	0
5	16QAM	1	12	17.26	17.34	17.17		
5	16QAM	1	24	17.19	17.33	17.11		
5	16QAM	12	0	17.28	17.17	17.16	18	0
5	16QAM	12	7	17.31	17.28	17.04		
5	16QAM	12	13	17.26	17.30	17.08		
5	16QAM	25	0	17.24	17.19	17.20		
5	64QAM	1	0	17.16	17.24	17.04	18	0
5	64QAM	1	12	17.16	17.36	17.12		
5	64QAM	1	24	17.18	17.37	17.10		
5	64QAM	12	0	17.21	17.30	17.13	18	0
5	64QAM	12	7	17.36	17.38	17.09		
5	64QAM	12	13	17.23	17.33	17.26		
5	64QAM	25	0	17.25	17.39	17.23		
5	256QAM	1	0	17.33	17.17	17.16	18	0
5	256QAM	1	12	17.28	17.37	17.23		
5	256QAM	1	24	17.28	17.19	17.22		
5	256QAM	12	0	17.27	17.31	17.15	18	0
5	256QAM	12	7	17.27	17.35	17.17		
5	256QAM	12	13	17.24	17.18	17.22		
5	256QAM	25	0	17.32	17.28	17.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.36	17.28	17.27	18	0
3	QPSK	1	8	17.21	17.37	17.15		
3	QPSK	1	14	17.24	17.21	17.13		
3	QPSK	8	0	17.23	17.26	17.16	18	0
3	QPSK	8	4	17.21	17.40	17.19		
3	QPSK	8	7	17.15	17.19	17.12		
3	QPSK	15	0	17.32	17.39	17.21		
3	16QAM	1	0	17.20	17.25	17.17	18	0
3	16QAM	1	8	17.18	17.25	17.04		
3	16QAM	1	14	17.35	17.26	17.16		
3	16QAM	8	0	17.17	17.30	17.22	18	0
3	16QAM	8	4	17.15	17.25	17.15		
3	16QAM	8	7	17.15	17.29	17.09		
3	16QAM	15	0	17.14	17.38	17.04		
3	64QAM	1	0	17.24	17.18	17.16	18	0
3	64QAM	1	8	17.25	17.37	17.26		
3	64QAM	1	14	17.22	17.33	17.17		
3	64QAM	8	0	17.15	17.20	17.24	18	0
3	64QAM	8	4	17.25	17.36	17.23		
3	64QAM	8	7	17.23	17.22	17.14		
3	64QAM	15	0	17.24	17.32	17.27		
3	256QAM	1	0	17.28	17.38	17.23	18	0
3	256QAM	1	8	17.19	17.25	17.22		
3	256QAM	1	14	17.34	17.16	17.16		
3	256QAM	8	0	17.15	17.20	17.06	18	0
3	256QAM	8	4	17.34	17.37	17.18		
3	256QAM	8	7	17.19	17.25	17.20		
3	256QAM	15	0	17.26	17.32	17.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.18	17.24	17.18	18	0
1.4	QPSK	1	3	17.31	17.23	17.10		
1.4	QPSK	1	5	17.23	17.21	17.11		
1.4	QPSK	3	0	17.25	17.37	17.11		
1.4	QPSK	3	1	17.32	17.33	17.05		
1.4	QPSK	3	3	17.26	17.28	17.18		
1.4	QPSK	6	0	17.25	17.27	17.07	18	0
1.4	16QAM	1	0	17.14	17.19	17.25	18	0
1.4	16QAM	1	3	17.17	17.28	17.17		
1.4	16QAM	1	5	17.31	17.27	17.14		
1.4	16QAM	3	0	17.36	17.19	17.14		
1.4	16QAM	3	1	17.27	17.19	17.05		
1.4	16QAM	3	3	17.33	17.33	17.27		
1.4	16QAM	6	0	17.18	17.18	17.10	18	0
1.4	64QAM	1	0	17.18	17.25	17.08	18	0
1.4	64QAM	1	3	17.18	17.31	17.11		
1.4	64QAM	1	5	17.27	17.18	17.12		
1.4	64QAM	3	0	17.17	17.37	17.16		
1.4	64QAM	3	1	17.22	17.27	17.25		
1.4	64QAM	3	3	17.14	17.24	17.24		
1.4	64QAM	6	0	17.37	17.29	17.04	18	0
1.4	256QAM	1	0	17.14	17.40	17.11	18	0
1.4	256QAM	1	3	17.21	17.36	17.15		
1.4	256QAM	1	5	17.14	17.40	17.25		
1.4	256QAM	3	0	17.19	17.37	17.03		
1.4	256QAM	3	1	17.18	17.21	17.18		
1.4	256QAM	3	3	17.33	17.19	17.27		
1.4	256QAM	6	0	17.32	17.25	17.22	18	0

Band 4 Ant 0 DSI6

BW [MHz]	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	17.95	18.04	17.84	19.5	0
20	QPSK	1	49	17.93	18.00	17.86		
20	QPSK	1	99	17.85	17.90	17.93		
20	QPSK	50	0	17.90	17.95	17.81	19.5	0
20	QPSK	50	24	17.83	17.84	17.94		
20	QPSK	50	50	17.93	17.87	17.80		
20	QPSK	100	0	17.76	17.86	17.77		
20	16QAM	1	0	17.84	17.91	17.91	19.5	0
20	16QAM	1	49	17.80	17.83	17.98		
20	16QAM	1	99	17.85	17.77	17.96		
20	16QAM	50	0	17.92	17.98	17.90	19.5	0
20	16QAM	50	24	17.92	17.99	17.95		
20	16QAM	50	50	17.85	17.87	18.03		
20	16QAM

Band 5 Ant 0 DSI6

BW [MHz]	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	21.31	21.36	21.33	22.5	0
10	QPSK	1	25	21.22	21.16	21.29		
10	QPSK	1	49	21.33	21.29	21.12		
10	QPSK	25	0	21.27	21.31	21.17	22.5	0
10	QPSK	25	12	21.29	21.21	21.23		
10	QPSK	25	25	21.16	21.24	21.18		
10	QPSK	50	0	21.22	21.29	21.17		
10	16QAM	1	0	21.32	21.29	21.17	22.5	0
10	16QAM	1	25	21.20	21.20	21.20		
10	16QAM	1	49	21.19	21.13	21.12		
10	16QAM	25	0	20.78	20.72	20.77	22	0.5
10	16QAM	25	12	20.79	20.77	20.79		
10	16QAM	25	25	20.68	20.61	20.69		
10	16QAM	50	0	20.67	20.58	20.69		
10	64QAM	1	0	20.66	20.71	20.58	22	0.5
10	64QAM	1	25	20.74	20.72	20.79		
10	64QAM	1	49	20.71	20.75	20.69		
10	64QAM	25	0	19.60	19.58	19.57	21	1.5
10	64QAM	25	12	19.71	19.63	19.68		
10	64QAM	25	25	19.47	19.53	19.47		
10	64QAM	50	0	19.51	19.49	19.52		
10	256QAM	1	0	17.52	17.51	17.60	19	3.5
10	256QAM	1	25	17.43	17.37	17.50		
10	256QAM	1	49	17.36	17.40	17.38		
10	256QAM	25	0	17.46	17.54	17.49	19	3.5
10	256QAM	25	12	17.39	17.48	17.34		
10	256QAM	25	25	17.34	17.43	17.31		
10	256QAM	50	0	17.51	17.45	17.41		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.22	21.08	20.98	22.5	0
5	QPSK	1	12	21.28	21.16	21.21		
5	QPSK	1	24	21.30	21.16	21.12		
5	QPSK	12	0	21.19	20.99	21.08	22.5	0
5	QPSK	12	7	21.30	21.22	21.18		
5	QPSK	12	13	21.18	21.09	21.06		
5	QPSK	25	0	21.28	21.01	21.10		
5	16QAM	1	0	21.26	21.32	21.02	22.5	0
5	16QAM	1	12	21.12	21.10	21.26		
5	16QAM	1	24	21.03	21.22	21.07		
5	16QAM	12	0	20.59	20.68	20.67	22	0.5
5	16QAM	12	7	20.72	20.67	20.74		
5	16QAM	12	13	20.58	20.58	20.61		
5	16QAM	25	0	20.62	20.56	20.64		
5	64QAM	1	0	20.55	20.61	20.54	22	0.5
5	64QAM	1	12	20.72	20.64	20.75		
5	64QAM	1	24	20.64	20.68	20.58		
5	64QAM	12	0	19.55	19.42	19.50	21	1.5
5	64QAM	12	7	19.69	19.57	19.65		
5	64QAM	12	13	19.31	19.39	19.38		
5	64QAM	25	0	19.48	19.46	19.41		
5	256QAM	1	0	17.51	17.39	17.45	19	3.5
5	256QAM	1	12	17.27	17.24	17.37		
5	256QAM	1	24	17.33	17.31	17.35		
5	256QAM	12	0	17.46	17.51	17.35	19	3.5
5	256QAM	12	7	17.24	17.41	17.30		
5	256QAM	12	13	17.29	17.29	17.14		
5	256QAM	25	0	17.45	17.42	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.21	21.10	21.09	22.5	0
3	QPSK	1	8	21.06	21.03	21.20		
3	QPSK	1	14	21.24	21.26	21.16		
3	QPSK	8	0	21.09	21.03	21.21	22.5	0
3	QPSK	8	4	21.19	21.22	21.23		
3	QPSK	8	7	21.15	21.11	21.22		
3	QPSK	15	0	21.09	21.23	21.10		
3	16QAM	1	0	21.15	21.35	21.21	22.5	0
3	16QAM	1	8	21.04	21.28	21.09		
3	16QAM	1	14	21.08	21.35	21.14		
3	16QAM	8	0	20.64	20.52	20.70	22	0.5
3	16QAM	8	4	20.65	20.72	20.75		
3	16QAM	8	7	20.57	20.58	20.57		
3	16QAM	15	0	20.57	20.46	20.49		
3	64QAM	1	0	20.48	20.58	20.43	22	0.5
3	64QAM	1	8	20.58	20.60	20.60		
3	64QAM	1	14	20.60	20.56	20.56		
3	64QAM	8	0	19.52	19.43	19.43	21	1.5
3	64QAM	8	4	19.58	19.43	19.62		
3	64QAM	8	7	19.31	19.44	19.38		
3	64QAM	15	0	19.37	19.37	19.45		
3	256QAM	1	0	17.33	17.43	17.54	19	3.5
3	256QAM	1	8	17.28	17.22	17.43		
3	256QAM	1	14	17.22	17.23	17.37		
3	256QAM	8	0	17.45	17.45	17.43	19	3.5
3	256QAM	8	4	17.21	17.46	17.30		
3	256QAM	8	7	17.22	17.38	17.28		
3	256QAM	15	0	17.31	17.35	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.05	21.04	21.08	22.5	0
1.4	QPSK	1	3	21.14	21.02	21.16		
1.4	QPSK	1	5	21.24	21.28	21.12		
1.4	QPSK	3	0	21.04	21.08	21.06		
1.4	QPSK	3	1	21.32	21.26	21.22		
1.4	QPSK	3	3	21.10	21.08	21.08		
1.4	QPSK	6	0	21.17	21.09	21.10	22.5	0
1.4	16QAM	1	0	21.27	21.16	21.05	22.5	0
1.4	16QAM	1	3	21.15	21.26	21.19		
1.4	16QAM	1	5	21.22	21.27	21.11		
1.4	16QAM	3	0	21.24	21.05	21.11		
1.4	16QAM	3	1	21.17	21.17	21.18		
1.4	16QAM	3	3	21.15	21.13	21.12		
1.4	16QAM	6	0	20.68	20.54	20.67	22	0.5
1.4	64QAM	1	0	20.62	20.69	20.73	22	0.5
1.4	64QAM	1	3	20.63	20.43	20.56		
1.4	64QAM	1	5	20.54	20.53	20.52		
1.4	64QAM	3	0	20.60	20.69	20.49		
1.4	64QAM	3	1	20.54	20.55	20.78		
1.4	64QAM	3	3	20.55	20.70	20.55		
1.4	64QAM	6	0	19.59	19.51	19.54	21	1.5
1.4	256QAM	1	0	17.41	17.34	17.51	19	3.5
1.4	256QAM	1	3	17.39	17.29	17.31		
1.4	256QAM	1	5	17.16	17.24	17.18		
1.4	256QAM	3	0	17.38	17.49	17.48		
1.4	256QAM	3	1	17.32	17.36	17.25		
1.4	256QAM	3	3	17.25	17.37	17.14		
1.4	256QAM	6	0	17.47	17.36	17.35	19	3.5

Band 12 Ant 0 DSI6

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.76	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.76	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.94	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.90	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI6 sig path：300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.96	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.74	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.06		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI6

BW [MHz]	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		22.63		23.5	0
10	QPSK	1	25		22.41			
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.95		23	0.5
10	QPSK	25	12		21.88			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.81		23	0.5
10	16QAM	1	25		21.89			
10	16QAM	1	49		21.77			
10	16QAM	25	0		21.92		22	1.5
10	16QAM	25	12		20.72			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.60			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.91			
10	64QAM	1	49		20.85			
10	64QAM	25	0		20.87		21	2.5
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.73			
10	64QAM	50	0		19.81			
10	256QAM	1	0		17.85		19	4.5
10	256QAM	1	25		17.97			
10	256QAM	1	49		17.86			
10	256QAM	25	0		17.97		19	4.5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.83			
10	256QAM	50	0		17.79			
Channel				23205	17.83	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.60	22.48	22.59	23.5	0
5	QPSK	1	12	22.28	22.38	22.33		
5	QPSK	1	24	22.39	22.41	22.29		
5	QPSK	12	0	21.86	21.83	21.83	23	0.5
5	QPSK	12	7	21.81	21.75	21.86		
5	QPSK	12	13	21.82	21.88	21.78		
5	QPSK	25	0	21.91	21.79	21.87		
5	16QAM	1	0	21.74	21.78	21.81	23	0.5
5	16QAM	1	12	21.90	21.79	21.94		
5	16QAM	1	24	21.79	21.75	21.65		
5	16QAM	12	0	21.74	21.75	21.81	22	1.5
5	16QAM	12	7	20.78	20.72	20.61		
5	16QAM	12	13	20.50	20.66	20.59		
5	16QAM	25	0	20.46	20.64	20.52		
5	64QAM	1	0	20.77	20.75	20.77	22	1.5
5	64QAM	1	12	20.74	20.94	20.85		
5	64QAM	1	24	20.71	20.73	20.84		
5	64QAM	12	0	20.91	20.79	20.87	21	2.5
5	64QAM	12	7	19.83	19.77	19.81		
5	64QAM	12	13	19.60	19.77	19.62		
5	64QAM	25	0	19.65	19.83	19.87		
5	256QAM	1	0	17.86	17.84	17.85	19	4.5
5	256QAM	1	12	17.93	17.98	18.03		
5	256QAM	1	24	17.86	17.79	17.88		
5	256QAM	12	0	17.97	17.96	17.85	19	4.5
5	256QAM	12	7	17.73	17.84	17.72		
5	256QAM	12	13	17.78	17.67	17.76		
5	256QAM	25	0	17.84	17.75	17.74		

Band 13 Ant 0 DSI6 sig path：378

BW [MHz]	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		22.58		23.5	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.43			
10	QPSK	25	0		21.89		23	0.5
10	QPSK	25	12		21.86			
10	QPSK	25	25		21.78			
10	QPSK	50	0		21.74			
10	16QAM	1	0		21.73		23	0.5
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.60			
10	16QAM	25	0		21.97		22	1.5
10	16QAM	25	12		20.67			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.90		22	1.5
10	64QAM	1	25		20.75			
10	64QAM	1	49		20.75			
10	64QAM	25	0		20.88		21	2.5
10	64QAM	25	12		19.87			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.66			
10	256QAM	1	0		17.82		19	4.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.83		19	4.5
10	256QAM	25	12		17.80			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.76			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.45	22.50	23.5	0
5	QPSK	1	12	22.22	22.26	22.23		
5	QPSK	1	24	22.31	22.27	22.33		
5	QPSK	12	0	21.86	21.79	21.73	23	0.5
5	QPSK	12	7	21.72	21.64	21.80		
5	QPSK	12	13	21.69	21.80	21.60		
5	QPSK	25	0	21.73	21.61	21.81		
5	16QAM	1	0	21.72	21.61	21.81	23	0.5
5	16QAM	1	12	21.86	21.79	21.80		
5	16QAM	1	24	21.61	21.78	21.54		
5	16QAM	12	0	21.76	21.58	21.82	22	1.5
5	16QAM	12	7	20.66	20.77	20.51		
5	16QAM	12	13	20.37	20.56	20.47		
5	16QAM	25	0	20.27	20.63	20.34		
5	64QAM	1	0	20.71	20.59	20.64	22	1.5
5	64QAM	1	12	20.74	20.84	20.87		
5	64QAM	1	24	20.71	20.63	20.79		
5	64QAM	12	0	20.85	20.79	20.69	21	2.5
5	64QAM	12	7	19.84	19.79	19.79		
5	64QAM	12	13	19.46	19.59	19.57		
5	64QAM	25	0	19.67	19.80	19.90		
5	256QAM	1	0	17.90	17.77	17.74	19	4.5
5	256QAM	1	12	17.81	17.93	18.05		
5	256QAM	1	24	17.75	17.79	17.84		
5	256QAM	12	0	17.90	17.98	17.86	19	4.5
5	256QAM	12	7	17.72	17.69	17.65		
5	256QAM	12	13	17.68	17.62	17.71		
5	256QAM	25	0	17.72	17.70	17.74		

Band 14 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.60		22.5	0
10	QPSK	1	25		21.34			
10	QPSK	1	49		21.26			
10	QPSK	25	0		21.29		22.5	0
10	QPSK	25	12		21.23			
10	QPSK	25	25		21.26			
10	QPSK	50	0		21.21			
10	16QAM	1	0		21.28		22.5	0
10	16QAM	1	25		21.25			
10	16QAM	1	49		21.27			
10	16QAM	25	0		20.93		22	0.5
10	16QAM	25	12		20.91			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.90			
10	64QAM	1	0		20.91		22	0.5
10	64QAM	1	25		20.90			
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.95		21	1.5
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.99			
10	64QAM	50	0		19.83			
10	256QAM	1	0		18.05		19	3.5
10	256QAM	1	25		18.11			
10	256QAM	1	49		17.93			
10	256QAM	25	0		17.89		19	3.5
10	256QAM	25	12		17.85			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.94			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.38	21.45	21.53	22.5	0
5	QPSK	1	12	21.14	21.40	21.29		
5	QPSK	1	24	21.10	21.24	21.23		
5	QPSK	12	0	21.19	21.10	21.22	22.5	0
5	QPSK	12	7	21.21	21.07	21.21		
5	QPSK	12	13	21.04	21.19	21.19		
5	QPSK	25	0	21.26	21.12	21.08		
5	16QAM	1	0	21.30	21.24	21.09	22.5	0
5	16QAM	1	12	21.06	21.24	21.19		
5	16QAM	1	24	21.34	21.15	21.17		
5	16QAM	12	0	21.01	20.89	20.96	22	0.5
5	16QAM	12	7	21.02	20.94	20.83		
5	16QAM	12	13	20.76	20.96	20.94		
5	16QAM	25	0	20.85	20.93	20.98		
5	64QAM	1	0	20.83	20.80	20.95	22	0.5
5	64QAM	1	12	20.97	20.95	20.83		
5	64QAM	1	24	20.98	20.91	20.90		
5	64QAM	12	0	19.96	20.02	19.94	21	1.5
5	64QAM	12	7	19.85	19.84	19.87		
5	64QAM	12	13	20.05	19.89	19.97		
5	64QAM	25	0	19.75	19.83	19.85		
5	256QAM	1	0	17.95	17.92	18.03	19	3.5
5	256QAM	1	12	18.08	18.13	18.05		
5	256QAM	1	24	17.77	17.78	17.75		
5	256QAM	12	0	18.02	17.89	17.91	19	3.5
5	256QAM	12	7	17.90	17.83	17.93		
5	256QAM	12	13	17.97	18.00	17.88		
5	256QAM	25	0	17.89	17.98	17.93		

Band 14 Ant 0 DSI6 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.55		22.5	0
10	QPSK	1	25		21.42			
10	QPSK	1	49		21.33			
10	QPSK	25	0		21.54		22.5	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.41			
10	QPSK	50	0		21.49			
10	16QAM	1	0		21.39		22.5	0
10	16QAM	1	25		21.41			
10	16QAM	1	49		21.38			
10	16QAM	25	0		20.98		22	0.5
10	16QAM	25	12		20.96			
10	16QAM	25	25		21.10			
10	16QAM	50	0		21.07			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.01			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.14		21	1.5
10	64QAM	25	12		20.16			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.00			
10	256QAM	1	0		18.18		19	3.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.12			
10	256QAM	25	0		18.04		19	3.5
10	256QAM	25	12		18.18			
10	256QAM	25	25		18.19			
10	256QAM	50	0		17.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.35	21.36	21.31	22.5	0
5	QPSK	1	12	21.41	21.45	21.36		
5	QPSK	1	24	21.38	21.28	21.27		
5	QPSK	12	0	21.37	21.40	21.37	22.5	0
5	QPSK	12	7	21.45	21.38	21.53		
5	QPSK	12	13	21.48	21.41	21.52		
5	QPSK	25	0	21.48	21.41	21.50		
5	16QAM	1	0	21.45	21.25	21.42	22.5	0
5	16QAM	1	12	21.29	21.33	21.28		
5	16QAM	1	24	21.33	21.36	21.16		
5	16QAM	12	0	20.96	20.93	20.95	22	0.5
5	16QAM	12	7	20.93	21.02	20.99		
5	16QAM	12	13	21.00	21.13	21.03		
5	16QAM	25	0	21.06	21.13	20.97		
5	64QAM	1	0	20.97	21.05	20.91	22	0.5
5	64QAM	1	12	20.90	20.93	21.00		
5	64QAM	1	24	20.89	21.03	20.92		
5	64QAM	12	0	20.03	20.11	20.15	21	1.5
5	64QAM	12	7	20.08	20.03	20.20		
5	64QAM	12	13	20.07	20.05	20.08		
5	64QAM	25	0	19.96	19.93	19.83		
5	256QAM	1	0	18.07	18.24	18.18	19	3.5
5	256QAM	1	12	17.88	17.99	17.82		
5	256QAM	1	24	18.10	18.08	18.15		
5	256QAM	12	0	17.99	18.08	17.88	19	3.5
5	256QAM	12	7	18.16	18.14	18.10		
5	256QAM	12	13	18.13	18.05	18.25		
5	256QAM	25	0	17.92	17.85	17.83		

Band 25 Ant 0 DSI6

BW [MHz]	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	19.64	19.71	19.62	21	0
20	QPSK	1	49	19.55	19.65	19.67		
20	QPSK	1	99	19.54	19.55	19.55		
20	QPSK	50	0	19.63	19.68	19.57	21	0
20	QPSK	50	24	19.58	19.61	19.55		
20	QPSK	50	50	19.59	19.61	19.63		
20	QPSK	100	0	19.55	19.62	19.57		
20	16QAM	1	0	19.55	19.68	19.64	21	0
20	16QAM	1	49	19.69	19.66	19.64		
20	16QAM	1	99	19.58	19.52	19.56		
20	16QAM	50	0	19.62	19.52	19.70	21	0
20	16QAM	50	24	19.63	19.61	19.62		
20	16QAM	50	50	19.51	19.51	19.66		
20	16QAM	100	0	19.57	19.69	19.52		
20	64QAM	1	0	19.61	19.52	19.52	21	0
20	64QAM	1	49	19.70	19.60	19.69		
20	64QAM	1	99	19.67	19.64	19.54		
20	64QAM	50	0	19.55	19.63	19.61	21	0
20	64QAM	50	24	19.55	19.63	19.53		
20	64QAM	50	50	19.53	19.68	19.63		
20	64QAM	100	0	19.58	19.60	19.53		
20	256QAM	1	0	17.57	17.69	17.46	19	2
20	256QAM	1	49	17.61	17.68	17.52		
20	256QAM	1	99	17.59	17.66	17.46		
20	256QAM	50	0	17.46	17.47	17.43	19	2
20	256QAM	50	24	17.34	17.34	17.14		
20	256QAM	50	50	17.40	17.48	17.28		
20	256QAM	100	0	17.29	17.48	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.54	19.53	19.49	21	0
15	QPSK	1	37	19.50	19.46	19.63		
15	QPSK	1	74	19.52	19.45	19.49		
15	QPSK	36	0	19.54	19.64	19.44	21	0
15	QPSK	36	20	19.54	19.61	19.44		
15	QPSK	36	39	19.44	19.43	19.57		
15	QPSK	75	0	19.49	19.57	19.42		
15	16QAM	1	0	19.51	19.63	19.47	21	0
15	16QAM	1	37	19.61	19.62	19.48		
15	16QAM	1	74	19.49	19.37	19.46		
15	16QAM	36	0	19.50	19.42	19.58	21	0
15	16QAM	36	20	19.48	19.49	19.60		
15	16QAM	36	39	19.47	19.31	19.59		
15	16QAM	75	0	19.42	19.66	19.45		
15	64QAM	1	0	19.54	19.33	19.39	21	0
15	64QAM	1	37	19.61	19.48	19.57		
15	64QAM	1	74	19.49	19.63	19.35		
15	64QAM	36	0	19.49	19.51	19.55	21	0
15	64QAM	36	20	19.42	19.45	19.46		
15	64QAM	36	39	19.46	19.65	19.45		
15	64QAM	75	0	19.41	19.53	19.42		
15	256QAM	1	0	17.45	17.53	17.31	19	2
15	256QAM	1	37	17.42	17.59	17.37		
15	256QAM	1	74	17.39	17.64	17.45		
15	256QAM	36	0	17.46	17.42	17.32	19	2
15	256QAM	36	20	17.15	17.15	17.00		
15	256QAM	36	39	17.22	17.38	17.09		
15	256QAM	75	0	17.11	17.33	17.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.54	19.61	19.51	21	0
10	QPSK	1	25	19.44	19.57	19.67		
10	QPSK	1	49	19.49	19.43	19.50		
10	QPSK	25	0	19.58	19.65	19.45	21	0
10	QPSK	25	12	19.40	19.55	19.55		
10	QPSK	25	25	19.46	19.53	19.43		
10	QPSK	50	0	19.38	19.54	19.47		
10	16QAM	1	0	19.38	19.52	19.53	21	0
10	16QAM	1	25	19.60	19.59	19.63		
10	16QAM	1	49	19.45	19.35	19.55		
10	16QAM	25	0	19.56	19.36	19.63	21	0
10	16QAM	25	12	19.56	19.46	19.56		
10	16QAM	25	25	19.38	19.46	19.63		
10	16QAM	50	0	19.55	19.60	19.47		
10	64QAM	1	0	19.60	19.42	19.50	21	0
10	64QAM	1	25	19.62	19.56	19.66		
10	64QAM	1	49	19.52	19.47	19.36		
10	64QAM	25	0	19.37	19.52	19.48	21	0
10	64QAM	25	12	19.51	19.48	19.40		
10	64QAM	25	25	19.42	19.58	19.48		
10	64QAM	50	0	19.44	19.59	19.43		
10	256QAM	1	0	17.42	17.61	17.44	19	2
10	256QAM	1	25	17.56	17.53	17.40		
10	256QAM	1	49	17.54	17.59	17.33		
10	256QAM	25	0	17.37	17.39	17.27	19	2
10	256QAM	25	12	17.17	17.15	17.07		
10	256QAM	25	25	17.37	17.43	17.10		
10	256QAM	50	0	17.24	17.28	17.14		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.63	19.65	19.47	21	0
5	QPSK	1	12	19.50	19.58	19.52		
5	QPSK	1	24	19.46	19.53	19.50		
5	QPSK	12	0	19.44	19.65	19.53	21	0
5	QPSK	12	7	19.42	19.49	19.49		
5	QPSK	12	13	19.50	19.56	19.53		
5	QPSK	25	0	19.43	19.46	19.40		
5	16QAM	1	0	19.50	19.57	19.55	21	0
5	16QAM	1	12	19.68	19.60	19.44		
5	16QAM	1	24	19.40	19.38	19.45		
5	16QAM	12	0	19.46	19.44	19.50	21	0
5	16QAM	12	7	19.58	19.55	19.60		
5	16QAM	12	13	19.41	19.33	19.65		
5	16QAM	25	0	19.41	19.62	19.39		
5	64QAM	1	0	19.52	19.43	19.32	21	0
5	64QAM	1	12	19.65	19.51	19.60		
5	64QAM	1	24	19.57	19.60	19.40		
5	64QAM	12	0	19.45	19.55	19.56	21	0
5	64QAM	12	7	19.47	19.48	19.41		
5	64QAM	12	13	19.50	19.54	19.48		
5	64QAM	25	0	19.52	19.46	19.43		
5	256QAM	1	0	17.48	17.61	17.29	19	2
5	256QAM	1	12	17.50	17.58	17.46		
5	256QAM	1	24	17.59	17.48	17.46		
5	256QAM	12	0	17.34	17.45	17.26	19	2
5	256QAM	12	7	17.21	17.25	17.02		
5	256QAM	12	13	17.23	17.28	17.15		
5	256QAM	25	0	17.27	17.29	17.16		
Channel				26050	26340	26975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.44	19.61	19.53	21	0
3	QPSK	1	8	19.36	19.49	19.51		
3	QPSK	1	14	19.47	19.43	19.50		
3	QPSK	8	0	19.51	19.48	19.53	21	0
3	QPSK	8	4	19.56	19.56	19.49		
3	QPSK	8	7	19.43	19.51	19.51		
3	QPSK	15	0	19.49	19.51	19.49		
3	16QAM	1	0	19.40	19.61	19.47	21	0
3	16QAM	1	8	19.63	19.51	19.57		
3	16QAM	1	14	19.54	19.46	19.52		
3	16QAM	8	0	19.51	19.35	19.56	21	0
3	16QAM	8	4	19.55	19.47	19.43		
3	16QAM	8	7	19.50	19.34	19.55		
3	16QAM	15	0	19.39	19.49	19.36		
3	64QAM	1	0	19.47	19.38	19.46	21	0
3	64QAM	1	8	19.51	19.57	19.56		
3	64QAM	1	14	19.59	19.64	19.41		
3	64QAM	8	0	19.41	19.59	19.53	21	0
3	64QAM	8	4	19.42	19.59	19.34		
3	64QAM	8	7	19.35	19.51	19.57		
3	64QAM	15	0	19.46	19.45	19.41		
3	256QAM	1	0	17.41	17.64	17.41	19	2
3	256QAM	1	8	17.59	17.58	17.34		
3	256QAM	1	14	17.57	17.52	17.33		
3	256QAM	8	0	17.26	17.45	17.36	19	2
3	256QAM	8	4	17.26	17.21	17.11		
3	256QAM	8	7	17.26	17.41	17.25		
3	256QAM	15	0	17.15	17.30	17.09		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.50	19.61	19.52	21	0
1.4	QPSK	1	3	19.54	19.54	19.55		
1.4	QPSK	1	5	19.52	19.49	19.48		
1.4	QPSK	3	0	19.49	19.61	19.39		
1.4	QPSK	3	1	19.42	19.58	19.54		
1.4	QPSK	3	3	19.43	19.59	19.52		
1.4	QPSK	6	0	19.54	19.50	19.51	21	0
1.4	16QAM	1	0	19.51	19.53	19.50	21	0
1.4	16QAM	1	3	19.63	19.50	19.57		
1.4	16QAM	1	5	19.51	19.51	19.45		
1.4	16QAM	3	0	19.43	19.45	19.69		
1.4	16QAM	3	1	19.49	19.51	19.48		
1.4	16QAM	3	3	19.32	19.50	19.64		
1.4	16QAM	6	0	19.39	19.52	19.43	21	0
1.4	64QAM	1	0	19.53	19.43	19.45	21	0
1.4	64QAM	1	3	19.70	19.40	19.57		
1.4	64QAM	1	5	19.52	19.51	19.44		
1.4	64QAM	3	0	19.45	19.62	19.52		
1.4	64QAM	3	1	19.48	19.56	19.35		
1.4	64QAM	3	3	19.36	19.57	19.45		
1.4	64QAM	6	0	19.40	19.44	19.40	21	0
1.4	256QAM	1	0	17.47	17.50	17.44	19	2
1.4	256QAM	1	3	17.59	17.53	17.32		
1.4	256QAM	1	5	17.51	17.50	17.41		
1.4	256QAM	3	0	17.34	17.36	17.24		
1.4	256QAM	3	1	17.27	17.32	17.10		
1.4	256QAM	3	3	17.31	17.44	17.18		
1.4	256QAM	6	0	17.14	17.45	17.09	19	2

Band 26 for FCC Ant 0 DSI6

BW [MHz]	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	21.25	21.37	21.32	22.5	0
15	QPSK	1	37	21.26	21.20	21.33		
15	QPSK	1	74	21.17	21.29	21.06		
15	QPSK	36	0	21.32	21.35	21.21	22.5	0
15	QPSK	36	20	21.25	21.22	21.28		
15	QPSK	36	39	21.20	21.23	21.22		
15	QPSK	75	0	21.23	21.25	21.20		
15	16QAM	1	0	21.27	21.31	21.14	22.5	0
15	16QAM	1	37	21.21	21.19	21.14		
15	16QAM	1	74	21.19	21.12	21.18		
15	16QAM	36	0	20.47	20.50	20.54	22	0.5
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	0.5
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	1.5
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	3.5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	3.5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.28	21.23	22.5	0
10	QPSK	1	25	21.08	21.06	21.18		
10	QPSK	1	49	21.21	21.24	20.98		
10	QPSK	25	0	21.12	21.20	21.11	22.5	0
10	QPSK	25	12	21.19	21.12	21.10		
10	QPSK	25	25	21.07	21.20	21.04		
10	QPSK	50	0	21.13	21.14	21.08		
10	16QAM	1	0	21.23	21.18	21.10	22.5	0
10	16QAM	1	25	21.09	21.11	21.09		
10	16QAM	1	49	21.06	21.00	21.02		
10	16QAM	25	0	20.31	20.39	20.35	22	0.5
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	0.5
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	1.5
10	64QAM	25	12	19.29	19.25	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	3.5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	3.5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.26	21.29	21.24	22.5	0
5	QPSK	1	12	21.11	21.03	21.14		
5	QPSK	1	24	21.23	21.13	21.04		
5	QPSK	12	0	21.21	21.18	21.11	22.5	0
5	QPSK	12	7	21.18	21.16	21.14		
5	QPSK	12	13	21.06	21.09	21.14		
5	QPSK	25	0	21.13	21.18	21.09		
5	16QAM	1	0	21.22	21.22	21.09	22.5	0
5	16QAM	1	12	21.04	21.11	21.11		
5	16QAM	1	24	21.05	21.02	21.03		
5	16QAM	12	0	20.30	20.43	20.36	22	0.5
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	0.5
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	1.5
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	3.5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	3.5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.31	21.23	22.5	0
3	QPSK	1	8	21.10	21.03	21.24		
3	QPSK	1	14	21.25	21.22	21.01		
3	QPSK	8	0	21.20	21.23	21.05	22.5	0
3	QPSK	8	4	21.16	21.13	21.11		
3	QPSK	8	7	21.05	21.14	21.11		
3	QPSK	15	0	21.13	21.20	21.06		
3	16QAM	1	0	21.22	21.19	21.09	22.5	0
3	16QAM	1	8	21.10	21.06	21.16		
3	16QAM	1	14	21.09	21.04	20.97		
3	16QAM	8	0	20.32	20.37	20.51	22	0.5
3	16QAM	8	4	20.27	20.27	20.34		
3	16QAM	8	7	20.36	20.40	20.26		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50	22	0.5
3	64QAM	1	8	20.31	20.43	20.39		
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47	21	1.5
3	64QAM	8	4	19.26	19.32	19.41		
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36	19	3.5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.43	17.29	19	3.5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.18	21.26	21.28	22.5	0
1.4	QPSK	1	3	21.12	21.05	21.25		
1.4	QPSK	1	5	21.22	21.24	21.07		
1.4	QPSK	3	0	21.16	21.23	21.05		
1.4	QPSK	3	1	21.16	21.07	21.09		
1.4	QPSK	3	3	21.05	21.17	21.09		
1.4	QPSK	6	0	21.14	21.22	21.13	22.5	0
1.4	16QAM	1	0	21.27	21.24	21.11	22.5	0
1.4	16QAM	1	3	21.15	21.11	21.09		
1.4	16QAM	1	5	21.06	21.08	21.06		
1.4	16QAM	3	0	21.27	21.24	21.11		
1.4	16QAM	3	1	21.15	21.11	21.09		
1.4	16QAM	3	3	21.06	21.08	21.06		
1.4	16QAM	6	0	20.46	20.45	20.39	22	0.5
1.4	64QAM	1	0	20.33	20.37	20.41	22	0.5
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39		
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64Q

Band 26 for FCC Ant 0 DSI6 sig path：320

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.77	21.88	21.79	22.5	0
15	QPSK	1	37	21.66	21.67	21.85		
15	QPSK	1	74	21.81	21.83	21.64		
15	QPSK	36	0	21.73	21.83	21.72	22.5	0
15	QPSK	36	20	21.76	21.69	21.68		
15	QPSK	36	39	21.63	21.76	21.65		
15	QPSK	75	0	21.75	21.76	21.63		
15	16QAM	1	0	21.87	21.76	21.66	22.5	0
15	16QAM	1	37	21.70	21.72	21.73		
15	16QAM	1	74	21.72	21.64	21.57		
15	16QAM	36	0	20.97	20.97	21.06	22	0.5
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11	22	0.5
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	1.5
15	64QAM	36	20	19.88	19.85	19.98		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	3.5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	3.5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.68	21.75	21.77	22.5	0
10	QPSK	1	25	21.61	21.56	21.73		
10	QPSK	1	49	21.76	21.64	21.53		
10	QPSK	25	0	21.67	21.74	21.58	22.5	0
10	QPSK	25	12	21.70	21.65	21.66		
10	QPSK	25	25	21.59	21.69	21.59		
10	QPSK	50	0	21.64	21.63	21.54		
10	16QAM	1	0	21.67	21.72	21.53	22.5	0
10	16QAM	1	25	21.57	21.55	21.57		
10	16QAM	1	49	21.61	21.56	21.58		
10	16QAM	25	0	20.82	20.83	20.96	22	0.5
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04	22	0.5
10	64QAM	1	25	20.96	20.94	20.88		
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01	21	1.5
10	64QAM	25	12	19.82	19.77	19.94		
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95	19	3.5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	3.5
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.63	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.75	21.70	21.69	22.5	0
5	QPSK	1	12	21.61	21.54	21.65		
5	QPSK	1	24	21.67	21.63	21.55		
5	QPSK	12	0	21.72	21.68	21.52	22.5	0
5	QPSK	12	7	21.64	21.61	21.59		
5	QPSK	12	13	21.54	21.61	21.54		
5	QPSK	25	0	21.63	21.69	21.60		
5	16QAM	1	0	21.68	21.73	21.61	22.5	0
5	16QAM	1	12	21.63	21.57	21.61		
5	16QAM	1	24	21.62	21.58	21.48		
5	16QAM	12	0	20.89	20.79	20.88	22	0.5
5	16QAM	12	7	20.80	20.85	20.91		
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03	22	0.5
5	64QAM	1	12	20.84	21.01	20.81		
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97	21	1.5
5	64QAM	12	7	19.80	19.73	19.85		
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87	19	3.5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	3.5
5	256QAM	12	7	17.92	17.94	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.78	21.67	22.5	0
3	QPSK	1	8	21.66	21.55	21.68		
3	QPSK	1	14	21.70	21.75	21.57		
3	QPSK	8	0	21.64	21.74	21.54	22.5	0
3	QPSK	8	4	21.66	21.64	21.69		
3	QPSK	8	7	21.58	21.69	21.60		
3	QPSK	15	0	21.65	21.73	21.63		
3	16QAM	1	0	21.76	21.66	21.52	22.5	0
3	16QAM	1	8	21.56	21.64	21.62		
3	16QAM	1	14	21.63	21.54	21.49		
3	16QAM	8	0	20.88	20.88	21.00	22	0.5
3	16QAM	8	4	20.70	20.83	20.92		
3	16QAM	8	7	20.88	20.82	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98	22	0.5
3	64QAM	1	8	20.86	20.99	20.86		
3	64QAM	1	14	20.73	20.78	20.89		
3	64QAM	8	0	19.94	19.96	19.89	21	1.5
3	64QAM	8	4	19.71	19.72	19.95		
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.90	17.88	19	3.5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	3.5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26907	26814	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.69	21.79	21.68	22.5	0
1.4	QPSK	1	3	21.63	21.58	21.72		
1.4	QPSK	1	5	21.68	21.64	21.46		
1.4	QPSK	3	0	21.66	21.72	21.53		
1.4	QPSK	3	1	21.64	21.63	21.66		
1.4	QPSK	3	3	21.55	21.62	21.61		
1.4	QPSK	6	0	21.66	21.65	21.61	22.5	0
1.4	16QAM	1	0	21.77	21.68	21.62	22.5	0
1.4	16QAM	1	3	21.59	21.65	21.64		
1.4	16QAM	1	5	21.57	21.51	21.55		
1.4	16QAM	3	0	21.77	21.68	21.62		
1.4	16QAM	3	1	21.59	21.65	21.64		
1.4	16QAM	3	3	21.57	21.51	21.55		
1.4	16QAM	6	0	20.90	20.87	20.84	22	0.5
1.4	64QAM	1	0	20.82	20.89	20.92	22	0.5
1.4	64QAM	1	3	20.88	20.80	20.76		
1.4	64QAM	1	5	20.90	21.06	20.92		
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.83	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	1.5
1.4	256QAM	1	0	17.89	17.86	17.95	19	3.5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	3.5

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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	18.08	18.16	18.14	19.5	0
20	QPSK	1	49	18.02	18.11	18.00		
20	QPSK	1	99	17.92	18.02	18.05		
20	QPSK	50	0	18.00	18.06	17.92		
20	QPSK	50	24	17.93	17.94	17.99	19.5	0
20	QPSK	50	50	18.01	17.96	17.95		
20	QPSK	100	0	17.89	18.01	17.88		
20	16QAM	1	0	17.91	17.99	17.96	19.5	0
20	16QAM	1	49	17.94	17.97	18.08		
20	16QAM	1	99	17.92	17.91	18.10		
20	16QAM	50	0	18.06	18.07	17.95	19.5	0
20	16QAM	50	24	18.01	18.03	18.06		
20	16QAM	50	50	17.95	18.00	18.12		
20	16QAM	100	0	18.02	18.01	18.00		
20	64QAM	1	0	17.99	17.96	17.96	19.5	0
20	64QAM	1	49	17.97	17.98	17.90		
20	64QAM	1	99	18.00	17.98	17.94		
20	64QAM	50	0	17.88	18.04	17.92	19.5	0
20	64QAM	50	24	17.97	18.02	17.99		
20	64QAM	50	50	17.95	17.91	18.07		
20	64QAM	100	0	18.00	18.08	18.01		
20	256QAM	1	0	17.56	17.67	17.48	19	0.5
20	256QAM	1	49	17.53	17.60	17.45		
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44	19	0.5
20	256QAM	50	24	17.31	17.49	17.14		
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.12	18.04	17.90	19.5	0
15	QPSK	1	37	18.02	18.06	17.95		
15	QPSK	1	74	17.94	17.99	17.99		
15	QPSK	36	0	18.00	17.99	17.91	19.5	0
15	QPSK	36	20	17.95	17.95	17.97		
15	QPSK	36	39	17.94	17.91	17.96		
15	QPSK	75	0	17.91	17.96	17.92		
15	16QAM	1	0	17.88	17.98	17.90	19.5	0
15	16QAM	1	37	17.94	18.01	18.12		
15	16QAM	1	74	17.89	17.91	18.12		
15	16QAM	36	0	18.05	18.10	17.98	19.5	0
15	16QAM	36	20	17.96	18.04	18.03		
15	16QAM	36	39	17.96	18.01	18.01		
15	16QAM	75	0	18.03	17.98	17.99		
15	64QAM	1	0	17.96	17.96	17.94	19.5	0
15	64QAM	1	37	17.91	17.98	17.93		
15	64QAM	1	74	18.02	17.93	17.96		
15	64QAM	36	0	17.83	18.01	17.93	19.5	0
15	64QAM	36	20	17.97	18.05	18.03		
15	64QAM	36	39	17.96	17.86	18.01		
15	64QAM	75	0	17.96	18.07	17.95		
15	256QAM	1	0	17.55	17.49	17.38	19	0.5
15	256QAM	1	37	17.49	17.42	17.28		
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34	19	0.5
15	256QAM	36	20	17.30	17.35	17.04		
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.09	18.05	17.90	19.5	0
10	QPSK	1	25	18.01	18.10	17.94		
10	QPSK	1	49	17.95	17.96	18.01		
10	QPSK	25	0	18.05	18.07	17.85	19.5	0
10	QPSK	25	12	17.97	17.90	18.03		
10	QPSK	25	25	18.04	17.91	17.92		
10	QPSK	50	0	17.93	17.94	17.88		
10	16QAM	1	0	17.91	18.03	17.98	19.5	0
10	16QAM	1	25	17.89	17.93	18.02		
10	16QAM	1	49	17.93	17.94	18.10		
10	16QAM	25	0	18.04	18.01	18.00	19.5	0
10	16QAM	25	12	18.03	18.02	18.10		
10	16QAM	25	25	17.96	18.02	18.10		
10	16QAM	50	0	18.04	17.99	17.98		
10	64QAM	1	0	17.95	17.94	17.91	19.5	0
10	64QAM	1	25	17.95	17.94	17.95		
10	64QAM	1	49	17.93	17.95	17.91		
10	64QAM	25	0	17.90	17.98	17.90	19.5	0
10	64QAM	25	12	17.99	17.96	17.99		
10	64QAM	25	25	17.90	17.91	18.06		
10	64QAM	50	0	17.98	18.06	17.95		
10	256QAM	1	0	17.37	17.61	17.42	19	0.5
10	256QAM	1	25	17.36	17.41	17.42		
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31	19	0.5
10	256QAM	25	12	17.30	17.34	17.08		
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.08	18.12	17.98	19.5	0
5	QPSK	1	12	18.04	18.06	17.96		
5	QPSK	1	24	17.89	18.05	18.09		
5	QPSK	12	0	18.05	18.00	17.93	19.5	0
5	QPSK	12	7	17.90	17.98	17.98		
5	QPSK	12	13	17.97	17.97	17.95		
5	QPSK	25	0	17.84	17.96	17.89		
5	16QAM	1	0	17.86	17.92	17.99	19.5	0
5	16QAM	1	12	17.96	17.91	18.12		
5	16QAM	1	24	17.91	17.95	18.12		
5	16QAM	12	0	18.11	18.01	17.93	19.5	0
5	16QAM	12	7	17.95	17.97	18.07		
5	16QAM	12	13	17.94	17.97	18.12		
5	16QAM	25	0	18.03	17.95	17.94		
5	64QAM	1	0	17.97	17.99	17.97	19.5	0
5	64QAM	1	12	17.97	17.94	17.91		
5	64QAM	1	24	18.04	17.91	17.98		
5	64QAM	12	0	17.92	18.05	17.86	19.5	0
5	64QAM	12	7	17.94	17.97	17.99		
5	64QAM	12	13	17.90	17.95	18.11		
5	64QAM	25	0	17.97	18.02	18.02		
5	256QAM	1	0	17.37	17.60	17.43	19	0.5
5	256QAM	1	12	17.51	17.55	17.26		
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44	19	0.5
5	256QAM	12	7	17.30	17.44	17.07		
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.08	18.12	17.95	19.5	0
3	QPSK	1	8	17.96	18.11	17.95		
3	QPSK	1	14	17.96	18.00	18.08		
3	QPSK	8	0	18.05	18.10	17.90	19.5	0
3	QPSK	8	4	17.96	17.89	17.99		
3	QPSK	8	7	18.05	17.99	17.89		
3	QPSK	15	0	17.91	17.99	17.81		
3	16QAM	1	0	17.85	18.03	18.00	19.5	0
3	16QAM	1	8	17.99	18.00	18.08		
3	16QAM	1	14	17.92	17.85	18.10		
3	16QAM	8	0	18.08	18.07	17.88	19.5	0
3	16QAM	8	4	18.01	17.98	18.05		
3	16QAM	8	7	17.93	18.02	18.08		
3	16QAM	15	0	18.02	18.03	18.03		
3	64QAM	1	0	17.94	17.94	17.92	19.5	0
3	64QAM	1	8	17.96	17.94	17.89		
3	64QAM	1	14	18.02	17.95	17.90		
3	64QAM	8	0	17.92	18.08	17.87	19.5	0
3	64QAM	8	4	18.00	18.06	17.98		
3	64QAM	8	7	17.90	17.89	18.02		
3	64QAM	15	0	18.03	18.11	18.01		
3	256QAM	1	0	17.54	17.59	17.46	19	0.5
3	256QAM	1	8	17.33	17.51	17.42		
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37	19	0.5
3	256QAM	8	4	17.19	17.41	17.10		
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131978	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.05	18.07	17.97	19.5	0
1.4	QPSK	1	3	17.99	18.10	18.03		
1.4	QPSK	1	5	17.90	17.99	18.04		
1.4	QPSK	3	0	18.04	18.00	17.90		
1.4	QPSK	3	1	17.95	17.98	18.02		
1.4	QPSK	3	3	18.01	17.94	17.88		
1.4	QPSK	6	0	17.90	18.04	17.87	19.5	0
1.4	16QAM	1	0	17.86	18.00	17.92	19.5	0
1.4	16QAM	1	3	17.88	17.99	18.11		
1.4	16QAM	1	5	17.88	17.93	18.15		
1.4	16QAM	3	0	18.09	18.06	17.96		
1.4	16QAM	3	1	18.03	18.00	18.00		
1.4	16QAM	3	3	17.94	17.99	18.07		
1.4	16QAM	6	0	17.99	17.98	18.00	19.5	0
1.4	64QAM	1	0	17.93	17.90	17.96	19.5	0
1.4	64QAM	1	3	17.96	17.95	17.84		
1.4	64QAM	1	5	17.98	18.02	17.96		
1.4	64QAM	3	0	17.84	18.08	17.93		
1.4	64QAM	3	1	17.99	18.07	18.00		
1.4	64QAM	3	3	17.98	17.88	18.02		
1.4	64QAM	6	0	18.05	18.06	18.03	19.5	0
1.4	256QAM	1	0	17.37	17.49	17.39	19	0.5
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49		
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	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	18.17	18.27	18.00	19.5	0
20	QPSK	1	49	18.07	18.21	18.12		
20	QPSK	1	99	18.03	18.11	18.16		
20	QPSK	50	0	18.05	18.13	18.03		
20	QPSK	50	24	17.99	18.07	18.03	19.5	0
20	QPSK	50	50	18.08	18.07	18.10		
20	QPSK	100	0	18.03	18.06	18.04		
20	16QAM	1	0	18.00	18.09	18.12	19.5	0
20	16QAM	1	49	18.06	18.09	18.17		
20	16QAM	1	99	18.07	17.99	18.16		
20	16QAM	50	0	18.10	18.14	18.01	19.5	0
20	16QAM	50	24	18.10	18.12	18.15		
20	16QAM	50	50	18.10	18.15	18.22		
20	16QAM	100	0	18.07	18.05	18.07		
20	64QAM	1	0	18.13	18.01	18.08	19.5	0
20	64QAM	1	49	18.06	18.08	18.04		
20	64QAM	1	99	18.05	18.12	17.99		
20	64QAM	50	0	17.97	18.18	17.96	19.5	0
20	64QAM	50	24	18.04	18.18	18.15		
20	64QAM	50	50	18.00	17.99	18.17		
20	64QAM	100	0	18.07	18.20	18.09		
20	256QAM	1	0	17.76	17.75	17.67	19	0.5
20	256QAM	1	49	17.64	17.70	17.63		
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55	19	0.5
20	256QAM	50	24	17.49	17.66	17.33		
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.11	18.15	17.96	19.5	0
15	QPSK	1	37	17.97	18.11	18.05		
15	QPSK	1	74	17.98	18.05	18.03		
15	QPSK	36	0	18.04	18.06	17.91	19.5	0
15	QPSK	36	20	17.88	17.94	18.01		
15	QPSK	36	39	17.99	17.94	17.99		
15	QPSK	75	0	17.87	18.04	17.88		
15	16QAM	1	0	17.92	18.01	17.95	19.5	0
15	16QAM	1	37	17.98	17.93	18.03		
15	16QAM	1	74	17.87	17.86	18.05		
15	16QAM	36	0	18.02	18.11	18.00	19.5	0
15	16QAM	36	20	18.06	18.07	18.06		
15	16QAM	36	39	18.00	17.96	18.08		
15	16QAM	75	0	18.03	18.02	17.94		
15	64QAM	1	0	18.04	17.97	17.91	19.5	0
15	64QAM	1	37	18.02	18.03	17.94		
15	64QAM	1	74	18.03	17.96	17.95		
15	64QAM	36	0	17.88	18.03	17.96	19.5	0
15	64QAM	36	20	18.00	18.01	18.03		
15	64QAM	36	39	17.96	17.94	18.08		
15	64QAM	75	0	17.95	18.04	18.03		
15	256QAM	1	0	17.68	17.60	17.55	19	0.5
15	256QAM	1	37	17.58	17.66	17.51		
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64	19	0.5
15	256QAM	36	20	17.70	17.65	17.67		
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.06	18.13	17.88	19.5	0
10	QPSK	1	25	18.05	18.10	18.00		
10	QPSK	1	49	17.86	18.07	18.10		
10	QPSK	25	0	18.00	18.02	17.95	19.5	0
10	QPSK	25	12	17.98	17.96	18.00		
10	QPSK	25	25	18.02	17.99	17.99		
10	QPSK	50	0	17.93	18.06	17.84		
10	16QAM	1	0	17.95	18.00	18.01	19.5	0
10	16QAM	1	25	17.99	18.01	18.09		
10	16QAM	1	49	17.97	17.96	18.09		
10	16QAM	25	0	18.11	18.05	17.98	19.5	0
10	16QAM	25	12	18.07	18.05	18.11		
10	16QAM	25	25	17.94	18.03	18.07		
10	16QAM	50	0	17.99	18.05	18.00		
10	64QAM	1	0	18.04	17.90	17.94	19.5	0
10	64QAM	1	25	17.93	18.00	17.95		
10	64QAM	1	49	17.98	18.00	17.91		
10	64QAM	25	0	17.93	18.07	17.96	19.5	0
10	64QAM	25	12	17.95	18.06	18.00		
10	64QAM	25	25	17.97	17.90	18.06		
10	64QAM	50	0	17.97	18.07	18.00		
10	256QAM	1	0	17.59	17.77	17.60	19	0.5
10	256QAM	1	25	17.55	17.58	17.54		
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61	19	0.5
10	256QAM	25	12	17.72	17.65	17.61		
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.07	18.16	17.96	19.5	0
5	QPSK	1	12	18.00	18.14	18.01		
5	QPSK	1	24	17.88	18.04	18.07		
5	QPSK	12	0	18.00	18.08	17.88	19.5	0
5	QPSK	12	7	17.97	17.89	17.99		
5	QPSK	12	13	17.96	17.96	17.99		
5	QPSK	25	0	17.87	17.97	17.91		
5	16QAM	1	0	17.93	18.01	17.96	19.5	0
5	16QAM	1	12	17.88	17.98	18.12		
5	16QAM	1	24	17.91	17.86	18.16		
5	16QAM	12	0	18.01	18.02	17.98	19.5	0
5	16QAM	12	7	17.98	18.02	18.05		
5	16QAM	12	13	17.94	18.02	18.10		
5	16QAM	25	0	18.04	17.97	17.95		
5	64QAM	1	0	17.99	17.98	17.98	19.5	0
5	64QAM	1	12	18.00	17.95	17.90		
5	64QAM	1	24	17.96	17.93	17.93		
5	64QAM	12	0	17.92	18.00	17.89	19.5	0
5	64QAM	12	7	17.99	17.96	17.96		
5	64QAM	12	13	17.91	17.94	18.01		
5	64QAM	25	0	17.97	18.07	18.00		
5	256QAM	1	0	17.60	17.71	17.60	19	0.5
5	256QAM	1	12	17.59	17.59	17.58		
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57	19	0.5
5	256QAM	12	7	17.73	17.60	17.58		
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.06	18.10	17.89	19.5	0
3	QPSK	1	8	17.98	18.13	18.00		
3	QPSK	1	14	17.88	17.97	17.99		
3	QPSK	8	0	18.01	18.09	17.96	19.5	0
3	QPSK	8	4	17.98	17.98	17.95		
3	QPSK	8	7	17.96	17.91	18.00		
3	QPSK	15	0	17.87	17.99	17.90		
3	16QAM	1	0	17.88	17.93	17.93	19.5	0
3	16QAM	1	8	17.99	17.91	18.07		
3	16QAM	1	14	17.96	17.90	18.10		
3	16QAM	8	0	18.09	18.09	17.93	19.5	0
3	16QAM	8	4	18.04	18.06	18.07		
3	16QAM	8	7	17.90	17.97	18.13		
3	16QAM	15	0	18.01	17.98	17.99		
3	64QAM	1	0	17.97	17.92	18.00	19.5	0
3	64QAM	1	8	18.00	17.95	17.93		
3	64QAM	1	14	17.95	17.98	17.98		
3	64QAM	8	0	17.90	18.03	17.93	19.5	0
3	64QAM	8	4	17.91	17.98	17.95		
3	64QAM	8	7	17.91	17.95	18.12		
3	64QAM	15	0	17.95	18.11	17.95		
3	256QAM	1	0	17.60	17.66	17.59	19	0.5
3	256QAM	1	8	17.60	17.65	17.55		
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66	19	0.5
3	256QAM	8	4	17.61	17.63	17.67		
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131978	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.13	18.09	17.91	19.5	0
1.4	QPSK	1	3	18.05	18.11	18.02		
1.4	QPSK	1	5	17.89	17.98	18.05		
1.4	QPSK	3	0	17.94	18.08	17.87		
1.4	QPSK	3	1	17.94	17.94	18.02		
1.4	QPSK	3	3	18.07	17.96	17.98		
1.4	QPSK	6	0	17.90	18.05	17.86	19.5	0
1.4	16QAM	1	0	17.88	18.04	17.98	19.5	0
1.4	16QAM	1	3	17.90	18.01	18.06		
1.4	16QAM	1	5	17.92	17.87	18.13		
1.4	16QAM	3	0	18.09	18.07	17.90		
1.4	16QAM	3	1	17.99	17.97	18.08		
1.4	16QAM	3	3	17.92	18.03	18.13		
1.4	16QAM	6	0	17.99	18.04	17.96	19.5	0
1.4	64QAM	1	0	17.95	17.92	17.98	19.5	0
1.4	64QAM	1	3	17.97	17.99	17.95		
1.4	64QAM	1	5	18.04	17.99	17.98		
1.4	64QAM	3	0	17.87	17.99	17.92		
1.4	64QAM	3	1	17.93	17.96	17.95		
1.4	64QAM	3	3	17.99	17.92	18.12		
1.4	64QAM	6	0	17.95	18.04	17.97	19.5	0
1.4	256QAM	1	0	17.55	17.58	17.56	19	0.5
1.4	256QAM	1	3	17.64	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61		
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89	24	0
20	QPSK	1	49	22.62	22.64	22.77		
20	QPSK	1	99	22.75	22.68	22.83		
20	QPSK	50	0	21.79	21.87	21.62	23	1
20	QPSK	50	24	21.81	21.75	21.81		
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68	23	1
20	16QAM	1	49	21.70	21.78	21.65		
20	16QAM	1	99	21.

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BW [MHz]	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	18.75	18.81	18.77	19.5	0
20	QPSK	1	49	18.48	18.73	18.64		
20	QPSK	1	99	18.67	18.83	18.68		
20	QPSK	50	0	18.69	18.75	18.65	19.5	0
20	QPSK	50	24	18.54	18.64	18.52		
20	QPSK	50	50	18.52	18.66	18.56		
20	QPSK	100	0	18.63	18.70	18.67		
20	16QAM	1	0	18.53	18.65	18.62	19.5	0
20	16QAM	1	49	18.64	18.67	18.56		
20	16QAM	1	99	18.55	18.70	18.60		
20	16QAM	50	0	18.63	18.70	18.68	19.5	0
20	16QAM	50	24	18.51	18.67	18.46		
20	16QAM	50	50	18.63	18.67	18.66		
20	16QAM	100	0	18.55	18.72	18.47		
20	64QAM	1	0	18.47	18.77	18.54	19.5	0
20	64QAM	1	49	18.61	18.69	18.52		
20	64QAM	1	99	18.57	18.58	18.51		
20	64QAM	50	0	18.46	18.56	18.52	19.5	0
20	64QAM	50	24	18.63	18.66	18.65		
20	64QAM	50	50	18.48	18.53	18.52		
20	64QAM	100	0	18.62	18.70	18.53		
20	256QAM	1	0	18.57	18.57	18.58	19.5	0
20	256QAM	1	49	18.56	18.55	18.53		
20	256QAM	1	99	18.58	18.55	18.54		
20	256QAM	50	0	18.66	18.76	18.47	19.5	0
20	256QAM	50	24	18.61	18.68	18.63		
20	256QAM	50	50	18.46	18.58	18.56		
20	256QAM	100	0	18.68	18.55	18.58		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.62	18.64	18.53	19.5	0
15	QPSK	1	37	18.59	18.71	18.56		
15	QPSK	1	74	18.56	18.65	18.54		
15	QPSK	36	0	18.66	18.63	18.47	19.5	0
15	QPSK	36	20	18.58	18.76	18.62		
15	QPSK	36	39	18.64	18.61	18.62		
15	QPSK	75	0	18.58	18.60	18.67		
15	16QAM	1	0	18.69	18.60	18.47	19.5	0
15	16QAM	1	37	18.55	18.69	18.49		
15	16QAM	1	74	18.55	18.77	18.62		
15	16QAM	36	0	18.70	18.76	18.62	19.5	0
15	16QAM	36	20	18.58	18.72	18.55		
15	16QAM	36	39	18.59	18.53	18.45		
15	16QAM	75	0	18.60	18.73	18.61		
15	64QAM	1	0	18.52	18.63	18.52	19.5	0
15	64QAM	1	37	18.61	18.61	18.61		
15	64QAM	1	74	18.49	18.60	18.57		
15	64QAM	36	0	18.63	18.69	18.58	19.5	0
15	64QAM	36	20	18.63	18.61	18.60		
15	64QAM	36	39	18.64	18.58	18.57		
15	64QAM	75	0	18.48	18.72	18.61		
15	256QAM	1	0	18.67	18.60	18.52	19.5	0
15	256QAM	1	37	18.54	18.71	18.51		
15	256QAM	1	74	18.65	18.65	18.57		
15	256QAM	36	0	18.47	18.57	18.48	19.5	0
15	256QAM	36	20	18.56	18.54	18.52		
15	256QAM	36	39	18.55	18.60	18.56		
15	256QAM	75	0	18.48	18.62	18.50		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.64	18.62	18.62	19.5	0
10	QPSK	1	25	18.51	18.73	18.52		
10	QPSK	1	49	18.68	18.56	18.59		
10	QPSK	25	0	18.61	18.68	18.60	19.5	0
10	QPSK	25	12	18.57	18.61	18.65		
10	QPSK	25	25	18.59	18.61	18.57		
10	QPSK	50	0	18.54	18.54	18.46		
10	16QAM	1	0	18.48	18.64	18.54	19.5	0
10	16QAM	1	25	18.66	18.77	18.55		
10	16QAM	1	49	18.67	18.58	18.53		
10	16QAM	25	0	18.60	18.65	18.53	19.5	0
10	16QAM	25	12	18.49	18.74	18.67		
10	16QAM	25	25	18.52	18.74	18.47		
10	16QAM	50	0	18.65	18.66	18.67		
10	64QAM	1	0	18.55	18.64	18.50	19.5	0
10	64QAM	1	25	18.68	18.64	18.58		
10	64QAM	1	49	18.69	18.73	18.55		
10	64QAM	25	0	18.49	18.57	18.56	19.5	0
10	64QAM	25	12	18.61	18.56	18.55		
10	64QAM	25	25	18.57	18.75	18.63		
10	64QAM	50	0	18.66	18.73	18.55		
10	256QAM	1	0	18.50	18.73	18.66	19.5	0
10	256QAM	1	25	18.55	18.55	18.47		
10	256QAM	1	49	18.60	18.61	18.60		
10	256QAM	25	0	18.63	18.59	18.65	19.5	0
10	256QAM	25	12	18.53	18.64	18.66		
10	256QAM	25	25	18.61	18.67	18.47		
10	256QAM	50	0	18.61	18.58	18.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.46	18.62	18.56	19.5	0
5	QPSK	1	12	18.62	18.68	18.51		
5	QPSK	1	24	18.49	18.73	18.62		
5	QPSK	12	0	18.54	18.71	18.63	19.5	0
5	QPSK	12	7	18.60	18.55	18.55		
5	QPSK	12	13	18.52	18.65	18.59		
5	QPSK	25	0	18.53	18.55	18.63		
5	16QAM	1	0	18.52	18.56	18.49	19.5	0
5	16QAM	1	12	18.69	18.73	18.53		
5	16QAM	1	24	18.53	18.56	18.64		
5	16QAM	12	0	18.50	18.72	18.54	19.5	0
5	16QAM	12	7	18.54	18.65	18.51		
5	16QAM	12	13	18.68	18.69	18.53		
5	16QAM	25	0	18.54	18.54	18.56		
5	64QAM	1	0	18.62	18.54	18.60	19.5	0
5	64QAM	1	12	18.60	18.55	18.58		
5	64QAM	1	24	18.50	18.57	18.50		
5	64QAM	12	0	18.68	18.68	18.68	19.5	0
5	64QAM	12	7	18.50	18.67	18.46		
5	64QAM	12	13	18.54	18.59	18.46		
5	64QAM	25	0	18.63	18.71	18.62		
5	256QAM	1	0	18.54	18.62	18.51	19.5	0
5	256QAM	1	12	18.58	18.73	18.58		
5	256QAM	1	24	18.66	18.76	18.47		
5	256QAM	12	0	18.52	18.64	18.67	19.5	0
5	256QAM	12	7	18.65	18.76	18.48		
5	256QAM	12	13	18.64	18.59	18.64		
5	256QAM	25	0	18.69	18.66	18.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.18		21	0
10	QPSK	1	25		20.01			
10	QPSK	1	49		19.97			
10	QPSK	25	0		20.11		21	0
10	QPSK	25	12		20.06			
10	QPSK	25	25		19.98			
10	QPSK	50	0		20.00			
10	16QAM	1	0		20.11		21	0
10	16QAM	1	25		19.95			
10	16QAM	1	49		20.10			
10	16QAM	25	0		20.15		21	0
10	16QAM	25	12		20.12			
10	16QAM	25	25		20.12			
10	16QAM	50	0		20.15			
10	64QAM	1	0		20.08		21	0
10	64QAM	1	25		20.14			
10	64QAM	1	49		19.95			
10	64QAM	25	0		20.17		21	0
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.12			
10	64QAM	50	0		20.15			
10	256QAM	1	0		19.08		20	1
10	256QAM	1	25		19.30			
10	256QAM	1	49		19.19			
10	256QAM	25	0		18.92		20	1
10	256QAM	25	12		18.88			
10	256QAM	25	25		18.98			
10	256QAM	50	0		19.21			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.02	20.04	19.97	21	0
5	QPSK	1	12	19.90	20.01	19.97		
5	QPSK	1	24	19.83	20.00	19.95		
5	QPSK	12	0	20.10	20.06	20.02	21	0
5	QPSK	12	7	19.98	20.08	20.05		
5	QPSK	12	13	19.94	19.95	19.85		
5	QPSK	25	0	20.06	20.08	19.95		
5	16QAM	1	0	20.03	19.98	20.15	21	0
5	16QAM	1	12	20.01	19.97	19.98		
5	16QAM	1	24	20.11	20.07	20.02		
5	16QAM	12	0	20.06	20.03	20.09	21	0
5	16QAM	12	7	20.04	20.16	20.06		
5	16QAM	12	13	20.07	20.03	20.00		
5	16QAM	25	0	20.15	20.08	20.05		
5	64QAM	1	0	20.14	19.93	19.99	21	0
5	64QAM	1	12	20.12	20.01	20.08		
5	64QAM	1	24	19.87	19.88	19.89		
5	64QAM	12	0	20.16	20.05	20.15	21	0
5	64QAM	12	7	20.02	20.10	20.00		
5	64QAM	12	13	20.02	20.16	20.01		
5	64QAM	25	0	20.12	20.09	20.16		
5	256QAM	1	0	19.10	19.14	19.15	20	1
5	256QAM	1	12	19.14	19.09	19.27		
5	256QAM	1	24	18.98	19.16	19.16		
5	256QAM	12	0	18.97	19.08	18.83	20	1
5	256QAM	12	7	18.83	18.95	19.02		
5	256QAM	12	13	19.04	18.99	18.94		
5	256QAM	25	0	19.14	19.12	19.15		

Band 2 Ant 4 DSI6

BW [MHz]	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	16.31	16.36	16.26		
20	QPSK	1	49	16.27	16.13	16.20	17	0
20	QPSK	1	99	16.22	16.28	16.17		
20	QPSK	50	0	16.24	16.32	16.27		
20	QPSK	50	24	16.31	16.15	16.15	17	0
20	QPSK	50	50	16.29	16.24	16.06		
20	QPSK	100	0	16.27	16.28	16.24		
20	16QAM	1	0	16.26	16.14	16.26		
20	16QAM	1	49	16.09	16.27	16.18	17	0
20	16QAM	1	99	16.10	16.25	16.21		
20	16QAM	50	0	16.22	16.28	16.15		
20	16QAM	50	24	16.10	16.33	16.09	17	0
20	16QAM	50	50	16.09	16.25	16.12		
20	16QAM	100	0	16.31	16.14	16.18		
20	64QAM	1	0	16.22	16.28	16.18		
20	64QAM	1	49	16.30	16.31	16.23	17	0
20	64QAM	1	99	16.11	16.17	16.16		
20	64QAM	50	0	16.24	16.35	16.03		
20	64QAM	50	24	16.30	16.33	16.21	17	0
20	64QAM	50	50	16.23	16.22	16.21		
20	64QAM	100	0	16.30	16.12	16.26		
20	256QAM	1	0	16.31	16.24	16.09		
20	256QAM	1	49	16.10	16.19	16.19	17	0
20	256QAM	1	99	16.14	16.22	16.24		
20	256QAM	50	0	16.08	16.21	16.13		
20	256QAM	50	24	16.26	16.22	16.06	17	0
20	256QAM	50	50	16.24	16.26	16.05		
20	256QAM	100	0	16.15	16.16	16.09		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.14	16.09	16.14		
15	QPSK	1	37	16.11	16.15	16.12	17	0
15	QPSK	1	74	16.22	16.22	16.17		
15	QPSK	36	0	16.09	16.19	16.02		
15	QPSK	36	20	16.23	16.28	16.13	17	0
15	QPSK	36	39	16.09	16.19	16.03		
15	QPSK	75	0	16.09	16.20	16.02		
15	16QAM	1	0	16.15	16.22	16.10		
15	16QAM	1	37	16.15	16.16	16.17	17	0
15	16QAM	1	74	16.22	16.22	16.19		
15	16QAM	36	0	16.20	16.12	16.12		
15	16QAM	36	20	16.13	16.09	16.04	17	0
15	16QAM	36	39	16.14	16.17	16.10		
15	16QAM	75	0	16.27	16.26	16.18		
15	64QAM	1	0	16.16	16.26	16.06		
15	64QAM	1	37	16.14	16.27	16.20	17	0
15	64QAM	1	74	16.10	16.10	16.04		
15	64QAM	36	0	16.03	16.14	16.18		
15	64QAM	36	20	16.11	16.15	16.15	17	0
15	64QAM	36	39	16.12	16.15	16.11		
15	64QAM	75	0	16.18	16.11	16.06		
15	256QAM	1	0	16.06	16.17	16.16		
15	256QAM	1	37	16.09	16.20	16.12	17	0
15	256QAM	1	74	16.15	16.23	16.09		
15	256QAM	36	0	16.23	16.24	16.01		
15	256QAM	36	20	16.11	16.12	15.99	17	0
15	256QAM	36	39	16.17	16.18	16.10		
15	256QAM	75	0	16.13	16.20	16.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.18	16.09	16.08		
10	QPSK	1	25	16.04	16.27	16.14	17	0
10	QPSK	1	49	16.11	16.12	16.20		
10	QPSK	25	0	16.24	16.07	15.98		
10	QPSK	25	12	16.08	16.26	16.14	17	0
10	QPSK	25	25	16.17	16.08	16.04		
10	QPSK	50	0	16.10	16.18	16.01		
10	16QAM	1	0	16.25	16.12	16.01		
10	16QAM	1	25	16.14	16.14	16.12	17	0
10	16QAM	1	49	16.09	16.20	16.21		
10	16QAM	25	0	16.04	16.20	16.19		
10	16QAM	25	12	16.07	16.09	16.06	17	0
10	16QAM	25	25	16.26	16.21	16.06		
10	16QAM	50	0	16.25	16.15	16.06		
10	64QAM	1	0	16.19	16.25	16.12		
10	64QAM	1	25	16.10	16.07	16.15	17	0
10	64QAM	1	49	16.21	16.13	16.08		
10	64QAM	25	0	16.05	16.22	16.16		
10	64QAM	25	12	16.04	16.09	16.15	17	0
10	64QAM	25	25	16.06	16.14	16.09		
10	64QAM	50	0	16.14	16.25	16.08		
10	256QAM	1	0	16.12	16.18	16.05		
10	256QAM	1	25	16.17	16.14	16.21	17	0
10	256QAM	1	49	16.04	16.13	16.16		
10	256QAM	25	0	16.13	16.22	16.19		
10	256QAM	25	12	16.11	16.21	16.11	17	0
10	256QAM	25	25	16.17	16.28	16.20		
10	256QAM	50	0	16.04	16.25	16.18		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.11	16.21	16.11		
5	QPSK	1	12	16.16	16.08	16.19	17	0
5	QPSK	1	24	16.10	16.17	16.13		
5	QPSK	12	0	16.15	16.16	16.05		
5	QPSK	12	7	16.20	16.27	16.19	17	0
5	QPSK	12	13	16.10	16.30	16.09		
5	QPSK	25	0	16.25	16.19	15.99		
5	16QAM	1	0	16.16	16.24	16.08		
5	16QAM	1	12	16.10	16.12	16.14	17	0
5	16QAM	1	24	16.05	16.15	16.07		
5	16QAM	12	0	16.05	16.10	16.14		
5	16QAM	12	7	16.15	16.18	16.04	17	0
5	16QAM	12	13	16.19	16.16	16.16		
5	16QAM	25	0	16.05	16.20	16.15		
5	64QAM	1	0	16.16	16.08	16.08		
5	64QAM	1	12	16.11	16.09	16.07	17	0
5	64QAM	1	24	16.21	16.24	16.12		
5	64QAM	12	0	16.27	16.27	16.02		
5	64QAM	12	7	16.20	16.16	16.13	17	0
5	64QAM	12	13	16.27	16.28	16.04		
5	64QAM	25	0	16.23	16.27	16.00		
5	256QAM	1	0	16.10	16.18	16.03		
5	256QAM	1	12	16.04	16.23	16.01	17	0
5	256QAM	1	24	16.06	16.22	16.17		
5	256QAM	12	0	16.09	16.09	16.09		
5	256QAM	12	7	16.04	16.09	16.08	17	0
5	256QAM	12	13	16.17	16.19	16.09		
5	256QAM	25	0	16.16	16.23	16.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.16	16.16	16.19		
3	QPSK	1	8	16.18	16.22	16.06	17	0
3	QPSK	1	14	16.15	16.25	16.00		
3	QPSK	8	0	16.06	16.14	16.06		
3	QPSK	8	4	16.12	16.08	16.07	17	0
3	QPSK	8	7	16.23	16.10	16.02		
3	QPSK	15	0	16.12	16.30	16.10		
3	16QAM	1	0	16.15	16.18	16.01		
3	16QAM	1	8	16.17	16.12	16.05	17	0
3	16QAM	1	14	16.03	16.19	16.14		
3	16QAM	8	0	16.12	16.27	16.01		
3	16QAM	8	4	16.21	16.07	16.13	17	0
3	16QAM	8	7	16.19	16.23	16.00		
3	16QAM	15	0	16.07	16.22	16.17		
3	64QAM	1	0	16.27	16.14	16.20		
3	64QAM	1	8	16.23	16.14	16.02	17	0
3	64QAM	1	14	16.11	16.18	16.22		
3	64QAM	8	0	16.11	16.29	16.08		
3	64QAM	8	4	16.07	16.08	16.05	17	0
3	64QAM	8	7	16.25	16.23	16.15		
3	64QAM	15	0	16.18	16.23	16.20		
3	256QAM	1	0	16.19	16.23	16.21		
3	256QAM	1	8	16.05	16.18	16.16	17	0
3	256QAM	1	14	16.11	16.09	15.99		
3	256QAM	8	0	16.14	16.25	16.06		
3	256QAM	8	4	16.27	16.12	16.16	17	0
3	256QAM	8	7	16.14	16.16	16.00		
3	256QAM	15	0	16.06	16.12	16.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.26	16.07	16.02		
1.4	QPSK	1	3	16.14	16.17	15.99	17	0
1.4	QPSK	1	5	16.12	16.22	16.18		
1.4	QPSK	3	0	16.13	16.10	16.04		
1.4	QPSK	3	1	16.16	16.16	16.21		
1.4	QPSK	3	3	16.10	16.24	16.20		
1.4	QPSK	6	0	16.14	16.04	16.00	17	0
1.4	16QAM	1	0	16.11	16.13	16.11		
1.4	16QAM	1	3	16.11	16.19	16.06		
1.4	16QAM	1	5	16.05	16.27	16.18	17	0
1.4	16QAM	3	0	16.18	16.13	16.04		
1.4	16QAM	3	1	16.05	16.23	16.09		
1.4	16QAM	3	3	16.17	16.15	16.13		
1.4	16QAM	6	0	16.06	16.26	16.19	17	0
1.4	64QAM	1	0	16.24	16.18	16.05		
1.4	64QAM	1	3	16.25	16.25	16.12		
1.4	64QAM	1	5	16.05	16.30	16.21	17	0
1.4	64QAM	3	0	16.18	16.16	16.19		
1.4	64QAM	3	1	16.12	16.18	16.21		
1.4	64QAM	3	3	16.21	16.18	16.18		
1.4	64QAM	6	0	16.21	16.25	16.05	17	0
1.4	256QAM	1	0	16.06	16.13	16.06		
1.4	256QAM	1	3	16.07	16.30	16.15		
1.4	256QAM	1	5	16.12	16.11	15.99	17	0
1.4	256QAM	3	0	16.09	16.13	16.01		
1.4	256QAM	3	1	16.15	16.27	16.09		
1.4	256QAM	3	3	16.24	16.27	16.15		
1.4	256QAM	6	0	16.24	16.23	16.13	17	0

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BW [MHz]	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	16.61	16.73	16.59		
20	QPSK	1	49	16.50	16.50	16.51	17	0
20	QPSK	1	99	16.64	16.68	16.59		
20	QPSK	50	0	16.66	16.69	16.61		
20	QPSK	50	24	16.68	16.59	16.61	17	0
20	QPSK	50	50	16.58	16.57	16.41		
20	QPSK	100	0	16.54	16.64	16.60		
20	16QAM	1	0	16.72	16.60	16.45		
20	16QAM	1	49	16.72	16.60	16.43	17	0
20	16QAM	1	99	16.67	16.66	16.55		
20	16QAM	50	0	16.72	16.68	16.60		
20	16QAM	50	24	16.70	16.62	16.59	17	0
20	16QAM	50	50	16.70	16.56	16.41		
20	16QAM	100	0	16.67	16.70	16.42		
20	64QAM	1	0	16.60	16.59	16.58		
20	64QAM	1	49	16.57	16.65	16.52	17	0
20	64QAM	1	99	16.64	16.66	16.54		
20	64QAM	50	0	16.56	16.69	16.44		
20	64QAM	50	24	16.66	16.54	16.39	17	0
20	64QAM	50	50	16.61	16.50	16.51		
20	64QAM	100	0	16.66	16.62	16.58		
20	256QAM	1	0	16.69	16.65	16.58		
20	256QAM	1	49	16.69	16.71	16.46	17	0
20	256QAM	1	99	16.52	16.68	16.41		
20	256QAM	50	0	16.62	16.67	16.55		
20	256QAM	50	24	16.57	16.60	16.39	17	0
20	256QAM	50	50	16.53	16.54	16.58		
20	256QAM	100	0	16.71	16.63	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.49	16.49	16.53		
15	QPSK	1	37	16.53	16.71	16.58	17	0
15	QPSK	1	74	16.57	16.76	16.46		
15	QPSK	36	0	16.63	16.69	16.53		
15	QPSK	36	20	16.69	16.48	16.45	17	0
15	QPSK	36	39	16.53	16.58	16.42		
15	QPSK	75	0	16.66	16.68	16.49		
15	16QAM	1	0	16.61	16.61	16.35		
15	16QAM	1	37	16.68	16.69	16.42	17	0
15	16QAM	1	74	16.67	16.66	16.56		
15	16QAM	36	0	16.49	16.62	16.44		
15	16QAM	36	20	16.60	16.60	16.45	17	0
15	16QAM	36	39	16.58	16.70	16.52		
15	16QAM	75	0	16.63	16.69	16.47		
15	64QAM	1	0	16.66	16.60	16.36		
15	64QAM	1	37	16.60	16.61	16.57	17	0
15	64QAM	1	74	16.54	16.56	16.44		
15	64QAM	36	0	16.66	16.62	16.53		
15	64QAM	36	20	16.64	16.68	16.56	17	0
15	64QAM	36	39	16.57	16.71	16.48		
15	64QAM	75	0	16.49	16.49	16.38		
15	256QAM	1	0	16.66	16.65	16.35		
15	256QAM	1	37	16.56	16.69	16.47	17	0
15	256QAM	1	74	16.63	16.61	16.48		
15	256QAM	36	0	16.52	16.57	16.43		
15	256QAM	36	20	16.50	16.61	16.53	17	0
15	256QAM	36	39	16.68	16.56	16.37		
15	256QAM	75	0	16.64	16.68	16.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.53	16.56	16.52		
10	QPSK	1	25	16.57	16.66	16.49	17	0
10	QPSK	1	49	16.50	16.56	16.55		
10	QPSK	25	0	16.52	16.48	16.38		
10	QPSK	25	12	16.55	16.53	16.45	17	0
10	QPSK	25	25	16.66	16.54	16.55		
10	QPSK	50	0	16.65	16.51	16.46		
10	16QAM	1	0	16.47	16.68	16.45		
10	16QAM	1	25	16.66	16.52	16.47	17	0
10	16QAM	1	49	16.61	16.54	16.47		
10	16QAM	25	0	16.49	16.70	16.42		
10	16QAM	25	12	16.69	16.57	16.35	17	0
10	16QAM	25	25	16.52	16.55	16.48		
10	16QAM	50	0	16.65	16.49	16.36		
10	64QAM	1	0	16.69	16.67	16.53		
10	64QAM	1	25	16.48	16.69	16.47	17	0
10	64QAM	1	49	16.58	16.69	16.56		
10	64QAM	25	0	16.63	16.66	16.56		
10	64QAM	25	12	16.64	16.63	16.56	17	0
10	64QAM	25	25	16.55	16.54	16.56		
10	64QAM	50	0	16.68	16.54	16.56		
10	256QAM	1	0	16.54	16.47	16.48		
10	256QAM	1	25	16.66	16.54	16.55	17	0
10	256QAM	1	49	16.50	16.63	16.39		
10	256QAM	25	0	16.67	16.67	16.51		
10	256QAM	25	12	16.47	16.66	16.54	17	0
10	256QAM	25	25	16.51	16.60	16.54		
10	256QAM	50	0	16.69	16.48	16.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.46	16.62	16.47		
5	QPSK	1	12	16.52	16.55	16.55	17	0
5	QPSK	1	24	16.59	16.49	16.45		
5	QPSK	12	0	16.69	16.61	16.40		
5	QPSK	12	7	16.52	16.64	16.38	17	0
5	QPSK	12	13	16.63	16.69	16.57		
5	QPSK	25	0	16.51	16.52	16.42		
5	16QAM	1	0	16.59	16.52	16.52		
5	16QAM	1	12	16.57	16.54	16.43	17	0
5	16QAM	1	24	16.47	16.48	16.42		
5	16QAM	12	0	16.62	16.49	16.52		
5	16QAM	12	7	16.51	16.64	16.45	17	0
5	16QAM	12	13	16.59	16.61	16.54		
5	16QAM	25	0	16.53	16.64	16.56		
5	64QAM	1	0	16.51	16.64	16.37		
5	64QAM	1	12	16.67	16.62	16.38	17	0
5	64QAM	1	24	16.64	16.68	16.57		
5	64QAM	12	0	16.55	16.61	16.45		
5	64QAM	12	7	16.58	16.62	16.41	17	0
5	64QAM	12	13	16.61	16.67	16.48		
5	64QAM	25	0	16.66	16.68	16.43		
5	256QAM	1	0	16.70	16.68	16.42		
5	256QAM	1	12	16.46	16.54	16.41	17	0
5	256QAM	1	24	16.69	16.54	16.54		
5	256QAM	12	0	16.48	16.59	16.45		
5	256QAM	12	7	16.63	16.51	16.46	17	0
5	256QAM	12	13	16.65	16.58	16.51		
5	256QAM	25	0	16.51	16.52	16.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.59	16.66	16.41		
3	QPSK	1	8	16.64	16.49	16.41	17	0
3	QPSK	1	14	16.50	16.55	16.36		
3	QPSK	8	0	16.69	16.48	16.56		
3	QPSK	8	4	16.57	16.53	16.35	17	0
3	QPSK	8	7	16.47	16.58	16.48		
3	QPSK	15	0	16.47	16.57	16.56		
3	16QAM	1	0	16.57	16.48	16.52		
3	16QAM	1	8	16.69	16.69	16.37	17	0
3	16QAM	1	14	16.55	16.49	16.49		
3	16QAM	8	0	16.61	16.51	16.39		
3	16QAM	8	4	16.53	16.65	16.58	17	0
3	16QAM	8	7	16.57	16.67	16.37		
3	16QAM	15	0	16.57	16.54	16.34		
3	64QAM	1	0	16.68	16.54	16.57		
3	64QAM	1	8	16.58	16.66	16.36	17	0
3	64QAM	1	14	16.54	16.70	16.51		
3	64QAM	8	0	16.54	16.60	16.39		
3	64QAM	8	4	16.56	16.71	16.53	17	0
3	64QAM	8	7	16.69	16.60	16.57		
3	64QAM	15	0	16.68	16.49	16.35		
3	256QAM	1	0	16.61	16.71	16.46		
3	256QAM	1	8	16.50	16.62	16.47	17	0
3	256QAM	1	14	16.63	16.52	16.38		
3	256QAM	8	0	16.47	16.58	16.55		
3	256QAM	8	4	16.64	16.69	16.37	17	0
3	256QAM	8	7	16.57	16.69	16.47		
3	256QAM	15	0	16.67	16.53	16.55		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.60	16.65	16.42		
1.4	QPSK	1	3	16.56	16.52	16.42	17	0
1.4	QPSK	1	5	16.50	16.66	16.50		
1.4	QPSK	3	0	16.59	16.48	16.35		
1.4	QPSK	3	1	16.66	16.68	16.53		
1.4	QPSK	3	3	16.51	16.63	16.44		
1.4	QPSK	6	0	16.63	16.56	16.35	17	0
1.4	16QAM	1	0	16.69	16.67	16.54		
1.4	16QAM	1	3	16.49	16.70	16.57		
1.4	16QAM	1	5	16.64	16.55	16.35	17	0
1.4	16QAM	3	0	16.57	16.56	16.54		
1.4	16QAM	3	1	16.68	16.54	16.48		
1.4	16QAM	3	3	16.50	16.67	16.48		
1.4	16QAM	6	0	16.47	16.59	16.49	17	0
1.4	64QAM	1	0	16.61	16.70	16.43		
1.4	64QAM	1	3	16.59	16.61	16.47		
1.4	64QAM	1	5	16.62	16.56	16.57	17	0
1.4	64QAM	3	0	16.57	16.66	16.36		
1.4	64QAM	3	1	16.61	16.49	16.44		
1.4	64QAM	3	3	16.53	16.49	16.56		
1.4	64QAM	6	0	16.65	16.67	16.37	17	0
1.4	256QAM	1	0	16.49	16.59	16.36		
1.4	256QAM	1	3	16.49	16.60	16.41		
1.4	256QAM	1	5	16.65	16.66	16.50	17	0
1.4	256QAM	3	0	16.56	16.66	16.55		
1.4	256QAM	3	1	16.50	16.57	16.35		
1.4	256QAM	3	3	16.53	16.53	16.42		
1.4	256QAM	6	0	16.47	16.51	16.50	17	0

Band 4 Ant 4 DSI6

BW [MHz]	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	18.72	18.86	18.62		
20	QPSK	1	49	18.74	18.78	18.75	20	0
20	QPSK	1	99	18.70	18.67	18.76		
20	QPSK	50	0	18.66	18.81	18.78		
20	QPSK	50	24	18.58	18.64	18.70	20	0
20	QPSK	50	50	18.68	18.69	18.58		
20	QPSK	100	0	18.70	18.76	18.70		
20	16QAM	1	0	18.59	18.66	18.57		
20	16QAM	1	49	18.77	18.79	18.59	20	0
20	16QAM	1	99	18.60	18.62	18.67		
20	16QAM	50	0	18.72	18.75	18.73		
20	16QAM	50	24	18.76	18.74	18.76	20	0
20	16QAM	50	50	18.68	18.76	18.68		
20	16QAM	100	0	18.65	18.62	18.55		
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BW [MHz]	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	22.63	22.69	22.60	24	0
10	QPSK	1	25	22.55	22.57	22.59		
10	QPSK	6	49	22.54	22.63	22.62		
10	QPSK	25	0	21.55	21.58	21.49	23	1
10	QPSK	25	12	21.57	21.49	21.54		
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	22.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56	23	1
10	16QAM	1	25	21.77	21.69	21.67		
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81	22	2
10	16QAM	25	12	20.64	20.58	20.59		
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46	22	2
10	64QAM	1	25	20.62	20.60	20.66		
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53	21	3
10	64QAM	25	12	19.49	19.47	19.57		
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64	19	5
10	256QAM	1	25	17.56	17.53	17.55		
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50	19	5
10	256QAM	25	12	17.42	17.41	17.41		
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.59	22.53	24	0
5	QPSK	1	12	22.41	22.51	22.52		
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45	23	1
5	QPSK	12	7	21.51	21.45	21.51		
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52	23	1
5	16QAM	1	12	21.65	21.57	21.57		
5	16QAM	1	24	21.66	21.63	21.36		
5	16QAM	12	0	20.59	20.58	20.65	22	2
5	16QAM	12	7	20.50	20.41	20.53		
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28	22	2
5	64QAM	1	12	20.46	20.41	20.65		
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45	21	3
5	64QAM	12	7	19.30	19.40	19.52		
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52	19	5
5	256QAM	1	12	17.52	17.40	17.52		
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46	19	5
5	256QAM	12	7	17.37	17.35	17.30		
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.51	22.63	22.54	24	0
3	QPSK	1	8	22.46	22.52	22.41		
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37	23	1
3	QPSK	8	4	21.56	21.35	21.43		
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50	23	1
3	16QAM	1	8	21.74	21.54	21.55		
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65	22	2
3	16QAM	8	4	20.51	20.56	20.50		
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35	22	2
3	64QAM	1	8	20.57	20.52	20.50		
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41	21	3
3	64QAM	8	4	19.31	19.34	19.52		
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52	19	5
3	256QAM	1	8	17.39	17.40	17.48		
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38	19	5
3	256QAM	8	4	17.36	17.29	17.38		
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.53	22.53	24	0
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46		
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	1
1.4	16QAM	1	0	21.40	21.37	21.47	23	1
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38		
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	2
1.4	64QAM	1	0	20.43	20.56	20.27	22	2
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43		
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	3
1.4	256QAM	1	0	17.46	17.39	17.55	19	5
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36		
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	5

Band 12 Ant 4 DSI6 sig path：300

BW [MHz]	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	22.88	22.92	22.85	24	0
10	QPSK	1	25	22.83	22.78	22.90		
10	QPSK	6	49	22.78	22.84	22.91		
10	QPSK	25	0	22.85	22.89	22.88	23	1
10	QPSK	25	12	22.83	22.80	22.76		
10	QPSK	25	25	22.78	22.82	22.77		
10	QPSK	50	0	22.79	22.87	22.83		
10	16QAM	1	0	21.99	22.03	21.83	23	1
10	16QAM	1	25	22.02	21.92	21.89		
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09	22	2
10	16QAM	25	12	20.84	20.90	20.87		
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.91	20.96	20.65	22	2
10	64QAM	1	25	20.92	20.81	20.87		
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81	21	3
10	64QAM	25	12	19.75	19.68	19.81		
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82	19	5
10	256QAM	1	25	17.73	17.81	17.73		
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71	19	5
10	256QAM	25	12	17.68	17.64	17.65		
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.82	22.80	22.76	24	0
5	QPSK	1	12	22.75	22.76	22.87		
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	22.79	22.85	22.77	23	1
5	QPSK	12	7	22.78	22.76	22.67		
5	QPSK	12	13	22.61	22.70	22.62		
5	QPSK	25	0	22.65	22.81	22.70		
5	16QAM	1	0	21.86	21.96	21.75	23	1
5	16QAM	1	12	21.99	21.87	21.77		
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94	22	2
5	16QAM	12	7	20.78	20.65	20.82		
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51	22	2
5	64QAM	1	12	20.76	20.67	20.83		
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74	21	3
5	64QAM	12	7	19.62	19.60	19.66		
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73	19	5
5	256QAM	1	12	17.67	17.64	17.68		
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66	19	5
5	256QAM	12	7	17.52	17.59	17.57		
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.80	22.75	22.75	24	0
3	QPSK	1	8	22.70	22.76	22.76		
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	22.78	22.85	22.85	23	1
3	QPSK	8	4	22.70	22.64	22.63		
3	QPSK	8	7	22.72	22.66	22.60		
3	QPSK	15	0	22.71	22.71	22.81		
3	16QAM	1	0	21.82	21.91	21.81	23	1
3	16QAM	1	8	21.84	21.89	21.77		
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03	22	2
3	16QAM	8	4	20.81	20.65	20.75		
3	16QAM	8	7	20.60	20.67	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51	22	2
3	64QAM	1	8	20.79	20.70	20.72		
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65	21	3
3	64QAM	8	4	19.72	19.54	19.74		
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71	19	5
3	256QAM	1	8	17.68	17.75	17.70		
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64	19	5
3	256QAM	8	4	17.61	17.56	17.60		
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.87	22.78	22.82	24	0
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76		
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	1
1.4	16QAM	1	0	21.62	21.62	21.76	23	1
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71		
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	2
1.4	64QAM	1	0	20.72	20.79	20.53	22	2
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71		
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	3
1.4	256QAM	1	0	17.78	17.65	17.81	19	5
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68		
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	5

Band 13 Ant 4 DSI6

BW [MHz]	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		22.78		24	0
10	QPSK	1	25		22.65			
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72		23	1
10	QPSK	25	12		21.68			
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.64			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.46			
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63		19	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.71	22.67	24	0
5	QPSK	1	12	22.61	22.56	22.57		
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62	23	1
5	QPSK	12	7	21.61	21.54	21.58		
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76	23	1
5	16QAM	1	12	21.63	21.64	21.73		
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58	22	2
5	16QAM	12	7	20.53	20.51	20.55		
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54	22	2
5	64QAM	1	12	20.46	20.41	20.40		
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40	21	3
5	64QAM	12	7	19.38	19.41	19.35		
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35	19	5
5	256QAM	1	12	17.34	17.32	17.29		
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53	19	5
5	256QAM	12	7	17.47	17.43	17.42		
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI6 sig path：378

BW [MHz]	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		22.51		24	0
10	QPSK	1	25		22.50			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.45			
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69		23	1
10	16QAM	1	25		21.52			
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.35			
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29		21	3
10	64QAM	25	12		19.29			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25		19	5
10	256QAM	1	25		17.22			
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.45	22.36	24	0
5	QPSK	1	12	22.46	22.39	22.41		
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37	23	1
5	QPSK	12	7	21.40	21.39	21.36		
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62	23	1
5	16QAM	1	12	21.47	21.42	21.43		
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34	22	2
5	16QAM	12	7	20.35	20.32	20.28		
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37	22	2
5	64QAM	1	12	20.24	20.29	20.30		
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22	21	3
5	64QAM	12	7	19.13	19.24	19.19		
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20	19	5
5	256QAM	1	12	17.16	17.12	17.13		
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26	19	5
5	256QAM	12	7	17.23	17.22	17.31		
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.63		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.56	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI6 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 25 Ant 4 DSI6

BW [MHz]	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	16.25	16.29	16.15	17	0
20	QPSK	1	49	16.17	16.16	16.11		
20	QPSK	1	99	16.11	16.21	16.15		
20	QPSK	50	0	16.14	16.26	16.18		
20	QPSK	50	24	16.13	16.13	16.14		
20	QPSK	50	50	16.22	16.12	16.20		
20	QPSK	100	0	16.20	16.22	16.16		
20	16QAM	1	0	16.19	16.14	16.10		
20	16QAM	1	49	16.18	16.21	16.14		
20	16QAM	1	99	16.26	16.21	16.17		
20	16QAM	50	0	16.18	16.24	16.13		
20	16QAM	50	24	16.13	16.12	16.23		
20	16QAM	50	50	16.27	16.14	16.25		
20	16QAM	100	0	16.11	16.21	16.13		
20	64QAM	1	0	16.21	16.19	16.28		
20	64QAM	1	49	16.22	16.12	16.13		
20	64QAM	1	99	16.13	16.15	16.21		
20	64QAM	50	0	16.02	16.12	16.13		
20	64QAM	50	24	15.98	15.99	16.05		
20	64QAM	50	50	16.08	16.03	16.06		
20	64QAM	100	0	16.10	16.08	16.02		
20	256QAM	1	0	16.06	16.00	16.01		
20	256QAM	1	49	16.11	16.15	16.03		
20	256QAM	1	99	16.12	16.11	16.08		
20	256QAM	50	0	16.10	16.15	16.03		
20	256QAM	50	24	16.08	15.97	16.09		
20	256QAM	50	50	16.14	16.04	16.13		
20	256QAM	100	0	15.98	16.07	16.03		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.13	16.11	15.96	17	0
15	QPSK	1	37	16.04	16.14	16.09		
15	QPSK	1	74	16.07	15.93	16.11		
15	QPSK	36	0	15.99	16.11	16.10		
15	QPSK	36	20	15.98	16.11	15.99		
15	QPSK	36	39	16.19	15.99	16.18		
15	QPSK	75	0	16.14	16.05	16.05		
15	16QAM	1	0	16.03	15.98	15.99	17	0
15	16QAM	1	37	16.13	16.04	16.00		
15	16QAM	1	74	16.19	16.13	16.14		
15	16QAM	36	0	16.06	16.03	15.99		
15	16QAM	36	20	16.07	15.97	16.10		
15	16QAM	36	39	16.22	16.02	16.18		
15	16QAM	75	0	16.04	16.12	15.98		
15	64QAM	1	0	16.15	16.09	16.27	17	0
15	64QAM	1	37	16.16	15.95	16.09		
15	64QAM	1	74	16.06	15.97	16.06		
15	64QAM	36	0	16.01	16.18	16.11		
15	64QAM	36	20	16.07	16.01	16.14		
15	64QAM	36	39	16.11	15.97	16.13		
15	64QAM	75	0	16.14	16.08	16.02		
15	256QAM	1	0	16.13	16.05	16.00	17	0
15	256QAM	1	37	16.08	16.09	16.03		
15	256QAM	1	74	16.19	16.12	16.02		
15	256QAM	36	0	16.08	16.07	16.05		
15	256QAM	36	20	16.02	16.06	16.12		
15	256QAM	36	39	16.20	16.01	16.17		
15	256QAM	75	0	16.05	16.11	15.99		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1880	1910		
10	QPSK	1	0	16.17	16.13	16.07	17	0
10	QPSK	1	25	16.06	16.02	15.99		
10	QPSK	1	49	15.92	15.93	16.04		
10	QPSK	25	0	16.13	16.18	16.18		
10	QPSK	25	12	15.95	16.04	15.96		
10	QPSK	25	25	16.18	16.10	16.01		
10	QPSK	50	0	16.17	16.09	16.16		
10	16QAM	1	0	16.13	16.10	15.92		
10	16QAM	1	25	16.15	16.02	15.97		
10	16QAM	1	49	16.14	16.20	16.10		
10	16QAM	25	0	16.11	16.07	16.10		
10	16QAM	25	12	15.96	16.09	16.20		
10	16QAM	25	25	16.10	16.10	16.14		
10	16QAM	50	0	16.04	16.20	16.00		
10	64QAM	1	0	16.03	16.14	16.24		
10	64QAM	1	25	16.21	16.11	15.97		
10	64QAM	1	49	16.00	15.96	16.14		
10	64QAM	25	0	16.03	16.14	16.06		
10	64QAM	25	12	16.01	16.07	16.04		
10	64QAM	25	25	16.08	15.98	16.09		
10	64QAM	50	0	16.10	16.07	16.04		
10	256QAM	1	0	16.05	16.01	15.96		
10	256QAM	1	25	16.11	16.14	16.03		
10	256QAM	1	49	16.13	16.08	16.09		
10	256QAM	25	0	16.04	16.14	16.02		
10	256QAM	25	12	16.00	16.04	16.16		
10	256QAM	25	25	16.18	16.01	16.17		
10	256QAM	50	0	16.02	16.15	16.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.12	16.18	16.13	17	0
5	QPSK	1	12	16.09	16.09	15.96		
5	QPSK	1	24	15.96	16.02	16.07		
5	QPSK	12	0	15.94	16.20	16.00		
5	QPSK	12	7	16.08	16.09	16.09		
5	QPSK	12	13	16.09	16.03	16.09		
5	QPSK	25	0	16.20	16.14	16.11		
5	16QAM	1	0	16.16	16.04	15.97		
5	16QAM	1	12	16.00	16.18	15.97		
5	16QAM	1	24	16.10	16.20	16.06		
5	16QAM	12	0	16.17	16.13	16.09		
5	16QAM	12	7	16.00	16.05	16.21		
5	16QAM	12	13	16.25	16.07	16.13		
5	16QAM	25	0	16.03	16.06	15.95		
5	64QAM	1	0	16.17	16.15	16.25		
5	64QAM	1	12	16.17	15.95	16.06		
5	64QAM	1	24	16.09	16.01	16.03		
5	64QAM	12	0	16.01	16.13	16.05		
5	64QAM	12	7	16.03	15.99	16.04		
5	64QAM	12	13	16.14	16.05	16.12		
5	64QAM	25	0	16.07	16.10	16.04		
5	256QAM	1	0	16.10	15.99	16.00		
5	256QAM	1	12	16.09	16.15	16.01		
5	256QAM	1	24	16.19	16.06	16.06		
5	256QAM	12	0	16.03	16.09	16.02		
5	256QAM	12	7	16.07	16.02	16.16		
5	256QAM	12	13	16.17	16.02	16.13		
5	256QAM	25	0	16.03	16.07	16.06		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.13	16.15	16.04	17	0
3	QPSK	1	8	16.11	16.12	15.99		
3	QPSK	1	14	15.96	15.92	16.19		
3	QPSK	8	0	15.96	16.11	16.01		
3	QPSK	8	4	16.11	15.99	16.03		
3	QPSK	8	7	16.07	16.11	16.16		
3	QPSK	15	0	16.01	16.17	16.00		
3	16QAM	1	0	16.06	15.98	15.94		
3	16QAM	1	8	16.12	16.19	15.94	17	0
3	16QAM	1	14	16.17	16.03	16.05		
3	16QAM	8	0	16.13	16.08	16.00		
3	16QAM	8	4	15.94	16.08	16.14		
3	16QAM	8	7	16.19	16.06	16.16		
3	16QAM	15	0	15.95	16.08	15.99		
3	64QAM	1	0	16.19	16.09	16.10	17	0
3	64QAM	1	8	16.16	16.00	16.08		
3	64QAM	1	14	16.11	16.09	16.10		
3	64QAM	8	0	16.01	16.18	16.09		
3	64QAM	8	4	16.02	16.07	16.06		
3	64QAM	8	7	16.08	16.04	16.14		
3	64QAM	15	0	16.14	16.12	16.05		
3	256QAM	1	0	16.13	16.01	16.00	17	0
3	256QAM	1	8	16.12	16.09	16.07		
3	256QAM	1	14	16.20	16.13	16.07		
3	256QAM	8	0	16.06	16.09	16.06		
3	256QAM	8	4	16.04	16.04	16.11		
3	256QAM	8	7	16.20	16.08	16.13		
3	256QAM	15	0	16.03	16.12	16.01		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.19	16.24	15.99	17	0
1.4	QPSK	1	3	16.10	16.03	15.94		
1.4	QPSK	1	5	15.93	15.99	16.15		
1.4	QPSK	3	0	16.03	16.23	16.14		
1.4	QPSK	3	1	16.09	16.05	16.05		
1.4	QPSK	3	3	16.03	16.10	16.15		
1.4	QPSK	6	0	16.03	16.17	16.00	17	0
1.4	16QAM	1	0	16.07	15.95	16.09	17	0
1.4	16QAM	1	3	16.10	16.12	16.06		
1.4	16QAM	1	5	16.25	16.07	16.05		
1.4	16QAM	3	0	16.17	16.03	16.09		
1.4	16QAM	3	1	16.04	15.98	16.06		
1.4	16QAM	3	3	16.11	15.94	16.18		
1.4	16QAM	6	0	16.07	16.03	16.06	17	0
1.4	64QAM	1	0	16.13	16.08	16.12	17	0
1.4	64QAM	1	3	16.15	15.94	16.10		
1.4	64QAM	1	5	16.09	16.15	16.21		
1.4	64QAM	3	0	16.00	16.05	16.07		
1.4	64QAM	3	1	16.06	15.91	15.96		
1.4	64QAM	3	3	16.05	15.96	16.07		
1.4	64QAM	6	0	15.96	16.04	15.90	17	0
1.4	256QAM	1	0	15.98	15.80	16.01	17	0
1.4	256QAM	1	3	16.02	16.03	15.95		
1.4	256QAM	1	5	16.17	16.02	15.93		
1.4	256QAM	3	0	16.09	15.91	16.02		
1.4	256QAM	3	1	15.93	15.87	15.98		
1.4	256QAM	3	3	16.06	15.84	16.04		
1.4	256QAM	6	0	15.94	15.98	16.01	17	0

Band 26 for FCC Ant 4 DSI6

BW [MHz]	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	22.63	22.69	22.60	24	0
15	QPSK	1	37	22.63	22.67	22.68		
15	QPSK	1	74	22.58	22.60	22.52		
15	QPSK	36	0	21.62	21.65	21.55	23	1
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.58	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	1
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	2
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	21.59	20.53	20.49	22	2
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	3
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.48	22.59	22.47	24	0
10	QPSK	1	25	22.62	22.59	22.66		
10	QPSK	1	49	22.56	22.54	22.38		
10	QPSK	25	0	21.58	21.47	21.38	23	1
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	1
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.42	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	2
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	2
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	3
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	5
10	256QAM	1	25	17.45	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.36	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.49	22.51	22.51	24	0
5	QPSK	1	12	22.46	22.52	22.50		
5	QPSK	1	24	22.55	22.48	22.37		
5	QPSK	12	0	21.52	21.58	21.49	23	1
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.46	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	1
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	2
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	2
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	3
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.44	22.63	22.50	24	0
3	QPSK	1	8	22

Band 26 for FCC Ant 4 DSI6 sig path：320

BW [MHz]	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	23.12	23.17	23.15	24	0
15	QPSK	1	37	22.96	23.06	23.03		
15	QPSK	1	74	22.91	23.11	22.90		
15	QPSK	36	0	21.97	22.05	21.96	23	1
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	1
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	2
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	2
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	3
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.00	23.01	22.98	24	0
10	QPSK	1	25	22.87	23.03	22.98		
10	QPSK	1	49	22.83	23.06	22.86		
10	QPSK	25	0	21.90	21.88	21.79	23	1
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	1
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	2
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	2
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	3
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.15	23.06	24	0
5	QPSK	1	12	22.86	23.01	22.97		
5	QPSK	1	24	22.89	22.95	22.79		
5	QPSK	12	0	21.81	22.02	21.81	23	1
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	1
5	16QAM	1	12	21.81	21.79	21.88		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	2
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	2
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	3
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	5
5	256QAM	12	7	17.66	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.97	23.14	23.10	24	0
3	QPSK	1	8	22.78	22.94	22.87		
3	QPSK	1	14	22.76	23.06	22.77		
3	QPSK	8	0	21.80	21.95	21.83	23	1
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	1
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	2
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.64	20.81	20.75		
3	16QAM	15	0	20.75	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	2
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	3
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.86	23.01	23.13	24	0
1.4	QPSK	1	3	22.98	23.06	22.97		
1.4	QPSK	1	5	22.95	22.95	23.03		
1.4	QPSK	3	0	23.01	23.09	22.98		
1.4	QPSK	3	1	22.92	23.05	22.90		
1.4	QPSK	3	3	23.02	23.05	22.99		
1.4	QPSK	6	0	21.91	21.99	21.81	23	1
1.4	16QAM	1	0	21.80	22.00	21.79	23	1
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	2
1.4	64QAM	1	0	20.75	20.66	20.82	22	2
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	3
1.4	256QAM	1	0	17.93	17.97	17.68	19	5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	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	18.97	18.79		
20	QPSK	1	49	18.74	18.92	18.83	20	0
20	QPSK	1	99	18.70	18.85	18.73		
20	QPSK	50	0	18.67	18.92	18.90		
20	QPSK	50	24	18.65	18.73	18.91	20	0
20	QPSK	50	50	18.74	18.73	18.87		
20	QPSK	100	0	18.71	18.85	18.75		
20	16QAM	1	0	18.82	18.82	18.91		
20	16QAM	1	49	18.86	18.92	18.79	20	0
20	16QAM	1	99	18.66	18.80	18.84		
20	16QAM	50	0	18.68	18.81	18.73		
20	16QAM	50	24	18.72	18.78	18.77	20	0
20	16QAM	50	50	18.81	18.87	18.84		
20	16QAM	100	0	18.69	18.75	18.74		
20	64QAM	1	0	18.81	18.95	18.72		
20	64QAM	1	49	18.65	18.86	18.75	20	0
20	64QAM	1	99	18.74	18.73	18.70		
20	64QAM	50	0	18.87	18.74	18.72		
20	64QAM	50	24	18.87	18.94	18.92	20	0
20	64QAM	50	50	18.64	18.88	18.79		
20	64QAM	100	0	18.88	18.81	18.71		
20	256QAM	1	0	16.70	16.82	16.80		
20	256QAM	1	49	16.76	16.90	16.71	18	2
20	256QAM	1	99	16.86	16.92	16.96		
20	256QAM	50	0	16.73	16.97	16.85		
20	256QAM	50	24	16.91	16.90	16.96	18	2
20	256QAM	50	50	16.95	16.96	16.91		
20	256QAM	100	0	16.69	16.91	17.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.51	18.64	18.61		
15	QPSK	1	37	18.69	18.76	18.84	20	0
15	QPSK	1	74	18.61	18.82	18.77		
15	QPSK	36	0	18.56	18.60	18.79		
15	QPSK	36	20	18.55	18.59	18.88	20	0
15	QPSK	36	39	18.72	18.73	18.86		
15	QPSK	75	0	18.63	18.76	18.77		
15	16QAM	1	0	18.70	18.70	18.86		
15	16QAM	1	37	18.69	18.80	18.67	20	0
15	16QAM	1	74	18.64	18.77	18.72		
15	16QAM	36	0	18.56	18.82	18.58		
15	16QAM	36	20	18.65	18.78	18.65	20	0
15	16QAM	36	39	18.76	18.88	18.86		
15	16QAM	75	0	18.67	18.72	18.77		
15	64QAM	1	0	18.83	18.88	18.71		
15	64QAM	1	37	18.52	18.83	18.74	20	0
15	64QAM	1	74	18.76	18.74	18.68		
15	64QAM	36	0	18.70	18.63	18.59		
15	64QAM	36	20	18.81	18.91	18.90	20	0
15	64QAM	36	39	18.61	18.72	18.65		
15	64QAM	75	0	18.70	18.80	18.62		
15	256QAM	1	0	16.85	16.87	16.82		
15	256QAM	1	37	16.76	16.71	16.61	18	2
15	256QAM	1	74	16.80	16.96	17.00		
15	256QAM	36	0	16.88	17.04	16.93		
15	256QAM	36	20	17.13	16.91	16.92	18	2
15	256QAM	36	39	16.85	16.92	17.03		
15	256QAM	75	0	16.66	16.79	17.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.53	18.73	18.54		
10	QPSK	1	25	18.58	18.90	18.81	20	0
10	QPSK	1	49	18.75	18.67	18.68		
10	QPSK	25	0	18.52	18.60	18.73		
10	QPSK	25	12	18.53	18.59	18.95	20	0
10	QPSK	25	25	18.67	18.67	18.87		
10	QPSK	50	0	18.70	18.66	18.86		
10	16QAM	1	0	18.67	18.85	18.78		
10	16QAM	1	25	18.79	18.93	18.82	20	0
10	16QAM	1	49	18.55	18.76	18.88		
10	16QAM	25	0	18.66	18.78	18.77		
10	16QAM	25	12	18.68	18.65	18.64	20	0
10	16QAM	25	25	18.70	18.74	18.79		
10	16QAM	50	0	18.63	18.72	18.70		
10	64QAM	1	0	18.64	18.87	18.53		
10	64QAM	1	25	18.61	18.79	18.68	20	0
10	64QAM	1	49	18.75	18.75	18.61		
10	64QAM	25	0	18.80	18.71	18.74		
10	64QAM	25	12	18.90	18.69	18.80	20	0
10	64QAM	25	25	18.52	18.80	18.63		
10	64QAM	50	0	18.77	18.67	18.75		
10	256QAM	1	0	16.71	16.91	16.78		
10	256QAM	1	25	16.69	16.79	16.74	18	2
10	256QAM	1	49	16.75	17.04	16.84		
10	256QAM	25	0	16.73	17.00	16.80		
10	256QAM	25	12	17.05	16.73	16.80	18	2
10	256QAM	25	25	16.95	16.97	16.89		
10	256QAM	50	0	16.61	16.87	17.05		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.59	18.60	18.76		
5	QPSK	1	12	18.75	18.82	18.76	20	0
5	QPSK	1	24	18.58	18.81	18.72		
5	QPSK	12	0	18.64	18.67	18.79		
5	QPSK	12	7	18.52	18.66	18.75	20	0
5	QPSK	12	13	18.56	18.71	18.77		
5	QPSK	25	0	18.57	18.69	18.81		
5	16QAM	1	0	18.87	18.80	18.77		
5	16QAM	1	12	18.68	18.87	18.65	20	0
5	16QAM	1	24	18.53	18.72	18.77		
5	16QAM	12	0	18.66	18.78	18.73		
5	16QAM	12	7	18.60	18.81	18.62	20	0
5	16QAM	12	13	18.79	18.89	18.72		
5	16QAM	25	0	18.66	18.59	18.72		
5	64QAM	1	0	18.76	18.58	18.59		
5	64QAM	1	12	18.61	18.76	18.62	20	0
5	64QAM	1	24	18.74	18.69	18.73		
5	64QAM	12	0	18.69	18.77	18.59		
5	64QAM	12	7	18.83	18.77	18.80	20	0
5	64QAM	12	13	18.48	18.77	18.69		
5	64QAM	25	0	18.80	18.67	18.72		
5	256QAM	1	0	16.71	16.87	16.86		
5	256QAM	1	12	16.77	16.75	16.64	18	2
5	256QAM	1	24	16.79	16.88	16.86		
5	256QAM	12	0	16.76	17.01	16.91		
5	256QAM	12	7	16.94	16.76	16.79	18	2
5	256QAM	12	13	17.00	17.09	17.04		
5	256QAM	25	0	16.61	16.87	16.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.53	18.78	18.70		
3	QPSK	1	8	18.72	18.77	18.65	20	0
3	QPSK	1	14	18.53	18.74	18.71		
3	QPSK	8	0	18.59	18.69	18.74		
3	QPSK	8	4	18.55	18.57	18.94	20	0
3	QPSK	8	7	18.74	18.58	18.81		
3	QPSK	15	0	18.68	18.77	18.76		
3	16QAM	1	0	18.67	18.69	18.85		
3	16QAM	1	8	18.70	18.78	18.73	20	0
3	16QAM	1	14	18.52	18.66	18.87		
3	16QAM	8	0	18.67	18.85	18.56		
3	16QAM	8	4	18.63	18.68	18.66	20	0
3	16QAM	8	7	18.82	18.81	18.75		
3	16QAM	15	0	18.73	18.71	18.72		
3	64QAM	1	0	18.72	18.95	18.72		
3	64QAM	1	8	18.67	18.67	18.65	20	0
3	64QAM	1	14	18.65	18.75	18.58		
3	64QAM	8	0	18.90	18.65	18.59		
3	64QAM	8	4	18.74	18.82	18.73	20	0
3	64QAM	8	7	18.66	18.73	18.76		
3	64QAM	15	0	18.72	18.74	18.65		
3	256QAM	1	0	16.80	17.02	16.89		
3	256QAM	1	8	16.67	16.71	16.64	18	2
3	256QAM	1	14	16.75	16.99	16.93		
3	256QAM	8	0	16.85	17.11	16.92		
3	256QAM	8	4	16.93	16.91	16.82	18	2
3	256QAM	8	7	16.85	16.96	16.99		
3	256QAM	15	0	16.74	16.87	17.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.53	18.68	18.80		
1.4	QPSK	1	3	18.70	18.90	18.85		
1.4	QPSK	1	5	18.66	18.80	18.69	20	0
1.4	QPSK	3	0	18.53	18.81	18.86		
1.4	QPSK	3	1	18.53	18.68	18.76		
1.4	QPSK	3	3	18.66	18.71	18.75		
1.4	QPSK	6	0	18.57	18.70	18.96	20	0
1.4	16QAM	1	0	18.82	18.77	18.72		
1.4	16QAM	1	3	18.82	18.84	18.66		
1.4	16QAM	1	5	18.64	18.62	18.69	20	0
1.4	16QAM	3	0	18.55	18.82	18.59		
1.4	16QAM	3	1	18.77	18.73	18.74		
1.4	16QAM	3	3	18.84	18.76	18.70		
1.4	16QAM	6	0	18.58	18.65	18.63	20	0
1.4	64QAM	1	0	18.80	18.85	18.66		
1.4	64QAM	1	3	18.60	18.83	18.58		
1.4	64QAM	1	5	18.65	18.59	18.58	20	0
1.4	64QAM	3	0	18.88	18.78	18.61		
1.4	64QAM	3	1	18.82	18.77	18.88		
1.4	64QAM	3	3	18.56	18.73	18.81		
1.4	64QAM	6	0	18.78	18.64	18.73	20	0
1.4	256QAM	1	0	16.73	17.01	16.81		
1.4	256QAM	1	3	16.72	16.71	16.74		
1.4	256QAM	1	5	16.82	16.89	16.97	18	2
1.4	256QAM	3	0	16.72	17.06	16.87		
1.4	256QAM	3	1	17.06	16.74	16.94		
1.4	256QAM	3	3	16.92	17.09	17.04		
1.4	256QAM	6	0	16.65	17.02	17.10	18	2

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BW [MHz]	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	18.60	18.85	18.76		
20	QPSK	1	49	18.46	18.75	18.43	20	0
20	QPSK	1	99	18.57	18.80	18.52		
20	QPSK	50	0	18.70	18.75	18.67		
20	QPSK	50	24	18.64	18.73	18.63	20	0
20	QPSK	50	50	18.49	18.61	18.65		
20	QPSK	100	0	18.62	18.72	18.65		
20	16QAM	1	0	18.65	18.80	18.45		
20	16QAM	1	49	18.49	18.76	18.48	20	0
20	16QAM	1	99	18.66	18.62	18.62		
20	16QAM	50	0	18.52	18.77	18.61		
20	16QAM	50	24	18.61	18.63	18.55	20	0
20	16QAM	50	50	18.53	18.71	18.56		
20	16QAM	100	0	18.51	18.65	18.45		
20	64QAM	1	0	18.67	18.66	18.45		
20	64QAM	1	49	18.52	18.69	18.54	20	0
20	64QAM	1	99	18.69	18.71	18.48		
20	64QAM	50	0	18.55	18.78	18.57		
20	64QAM	50	24	18.47	18.81	18.47	20	0
20	64QAM	50	50	18.68	18.72	18.66		
20	64QAM	100	0	18.48	18.61	18.67		
20	256QAM	1	0	16.50	16.73	16.59		
20	256QAM	1	49	16.47	16.48	16.42	18	2
20	256QAM	1	99	16.37	16.70	16.40		
20	256QAM	50	0	16.41	16.57	16.56		
20	256QAM	50	24	16.55	16.71	16.44	18	2
20	256QAM	50	50	16.60	16.42	16.57		
20	256QAM	100	0	16.38	16.75	16.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.63	18.67	18.43		
15	QPSK	1	37	18.50	18.76	18.39	20	0
15	QPSK	1	74	18.60	18.68	18.52		
15	QPSK	36	0	18.64	18.63	18.57		
15	QPSK	36	20	18.50	18.64	18.55	20	0
15	QPSK	36	39	18.57	18.48	18.68		
15	QPSK	75	0	18.51	18.61	18.36		
15	16QAM	1	0	18.59	18.71	18.46		
15	16QAM	1	37	18.43	18.57	18.35	20	0
15	16QAM	1	74	18.55	18.54	18.66		
15	16QAM	36	0	18.60	18.71	18.69		
15	16QAM	36	20	18.67	18.52	18.40	20	0
15	16QAM	36	39	18.42	18.71	18.60		
15	16QAM	75	0	18.39	18.53	18.39		
15	64QAM	1	0	18.73	18.61	18.39		
15	64QAM	1	37	18.46	18.65	18.43	20	0
15	64QAM	1	74	18.72	18.79	18.44		
15	64QAM	36	0	18.61	18.66	18.58		
15	64QAM	36	20	18.46	18.70	18.42	20	0
15	64QAM	36	39	18.56	18.67	18.51		
15	64QAM	75	0	18.45	18.46	18.73		
15	256QAM	1	0	16.45	16.59	16.59		
15	256QAM	1	37	16.50	16.63	16.40	18	2
15	256QAM	1	74	16.41	16.59	16.35		
15	256QAM	36	0	16.25	16.61	16.46		
15	256QAM	36	20	16.45	16.60	16.27	18	2
15	256QAM	36	39	16.50	16.42	16.43		
15	256QAM	75	0	16.39	16.64	16.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.52	18.65	18.44		
10	QPSK	1	25	18.33	18.67	18.33	20	0
10	QPSK	1	49	18.50	18.61	18.55		
10	QPSK	25	0	18.54	18.55	18.53		
10	QPSK	25	12	18.58	18.70	18.68	20	0
10	QPSK	25	25	18.51	18.69	18.63		
10	QPSK	50	0	18.36	18.78	18.56		
10	16QAM	1	0	18.53	18.81	18.32		
10	16QAM	1	25	18.39	18.76	18.38	20	0
10	16QAM	1	49	18.57	18.61	18.68		
10	16QAM	25	0	18.37	18.77	18.58		
10	16QAM	25	12	18.61	18.68	18.43	20	0
10	16QAM	25	25	18.59	18.57	18.53		
10	16QAM	50	0	18.55	18.58	18.35		
10	64QAM	1	0	18.56	18.61	18.51		
10	64QAM	1	25	18.56	18.73	18.51	20	0
10	64QAM	1	49	18.64	18.76	18.51		
10	64QAM	25	0	18.60	18.72	18.59		
10	64QAM	25	12	18.43	18.75	18.45	20	0
10	64QAM	25	25	18.56	18.57	18.58		
10	64QAM	50	0	18.53	18.58	18.60		
10	256QAM	1	0	16.37	16.65	16.44		
10	256QAM	1	25	16.50	16.49	16.39	18	2
10	256QAM	1	49	16.46	16.57	16.40		
10	256QAM	25	0	16.41	16.54	16.43		
10	256QAM	25	12	16.44	16.56	16.44	18	2
10	256QAM	25	25	16.61	16.60	16.50		
10	256QAM	50	0	16.41	16.69	16.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.65	18.84	18.46		
5	QPSK	1	12	18.36	18.70	18.44	20	0
5	QPSK	1	24	18.44	18.73	18.52		
5	QPSK	12	0	18.56	18.74	18.54		
5	QPSK	12	7	18.58	18.72	18.70	20	0
5	QPSK	12	13	18.46	18.69	18.54		
5	QPSK	25	0	18.50	18.71	18.41		
5	16QAM	1	0	18.55	18.75	18.45		
5	16QAM	1	12	18.39	18.66	18.39	20	0
5	16QAM	1	24	18.69	18.65	18.62		
5	16QAM	12	0	18.56	18.65	18.66		
5	16QAM	12	7	18.53	18.66	18.44	20	0
5	16QAM	12	13	18.61	18.64	18.55		
5	16QAM	25	0	18.60	18.52	18.31		
5	64QAM	1	0	18.53	18.68	18.51		
5	64QAM	1	12	18.46	18.68	18.58	20	0
5	64QAM	1	24	18.68	18.62	18.56		
5	64QAM	12	0	18.41	18.69	18.64		
5	64QAM	12	7	18.46	18.71	18.34	20	0
5	64QAM	12	13	18.73	18.61	18.68		
5	64QAM	25	0	18.36	18.48	18.67		
5	256QAM	1	0	16.43	16.56	16.54		
5	256QAM	1	12	16.56	16.61	16.33	18	2
5	256QAM	1	24	16.30	16.62	16.37		
5	256QAM	12	0	16.34	16.61	16.35		
5	256QAM	12	7	16.44	16.70	16.37	18	2
5	256QAM	12	13	16.63	16.51	16.50		
5	256QAM	25	0	16.21	16.62	16.60		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.62	18.63	18.33		
3	QPSK	1	8	18.33	18.62	18.41	20	0
3	QPSK	1	14	18.58	18.66	18.55		
3	QPSK	8	0	18.68	18.65	18.64		
3	QPSK	8	4	18.52	18.67	18.66	20	0
3	QPSK	8	7	18.37	18.48	18.58		
3	QPSK	15	0	18.36	18.69	18.45		
3	16QAM	1	0	18.53	18.68	18.39		
3	16QAM	1	8	18.57	18.72	18.55	20	0
3	16QAM	1	14	18.60	18.59	18.52		
3	16QAM	8	0	18.60	18.63	18.51		
3	16QAM	8	4	18.48	18.58	18.63	20	0
3	16QAM	8	7	18.45	18.72	18.45		
3	16QAM	15	0	18.57	18.55	18.30		
3	64QAM	1	0	18.54	18.56	18.36		
3	64QAM	1	8	18.50	18.57	18.61	20	0
3	64QAM	1	14	18.64	18.61	18.40		
3	64QAM	8	0	18.53	18.75	18.64		
3	64QAM	8	4	18.49	18.73	18.36	20	0
3	64QAM	8	7	18.73	18.57	18.72		
3	64QAM	15	0	18.43	18.60	18.73		
3	256QAM	1	0	16.42	16.56	16.46		
3	256QAM	1	8	16.45	16.53	16.47	18	2
3	256QAM	1	14	16.36	16.69	16.49		
3	256QAM	8	0	16.38	16.47	16.57		
3	256QAM	8	4	16.50	16.61	16.42	18	2
3	256QAM	8	7	16.44	16.61	16.36		
3	256QAM	15	0	16.32	16.71	16.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.57	18.65	18.48		
1.4	QPSK	1	3	18.41	18.67	18.36		
1.4	QPSK	1	5	18.63	18.75	18.49	20	0
1.4	QPSK	3	0	18.48	18.70	18.50		
1.4	QPSK	3	1	18.70	18.81	18.71		
1.4	QPSK	3	3	18.47	18.49	18.65		
1.4	QPSK	6	0	18.32	18.80	18.55	20	0
1.4	16QAM	1	0	18.69	18.70	18.37		
1.4	16QAM	1	3	18.58	18.69	18.46		
1.4	16QAM	1	5	18.71	18.59	18.48	20	0
1.4	16QAM	3	0	18.51	18.66	18.52		
1.4	16QAM	3	1	18.63	18.49	18.51		
1.4	16QAM	3	3	18.45	18.76	18.46		
1.4	16QAM	6	0	18.50	18.55	18.45	20	0
1.4	64QAM	1	0	18.54	18.56	18.49		
1.4	64QAM	1	3	18.53	18.72	18.58		
1.4	64QAM	1	5	18.68	18.66	18.55	20	0
1.4	64QAM	3	0	18.48	18.63	18.55		
1.4	64QAM	3	1	18.51	18.74	18.54		
1.4	64QAM	3	3	18.75	18.73	18.64		
1.4	64QAM	6	0	18.44	18.56	18.68	20	0
1.4	256QAM	1	0	16.44	16.73	16.50		
1.4	256QAM	1	3	16.41	16.48	16.41		
1.4	256QAM	1	5	16.50	16.65	16.39	18	2
1.4	256QAM	3	0	16.33	16.64	16.36		
1.4	256QAM	3	1	16.61	16.77	16.39		
1.4	256QAM	3	3	16.54	16.57	16.46		
1.4	256QAM	6	0	16.26	16.73	16.44	18	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133122	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21.62	21.68	21.68		
20	16QAM	50	0	20.70	20.69	20.66		
20	16QAM	50	24	20.54	20.53	20.51	22	2
20	16QAM	50	50	20.43	20.55	20.47		
20	16QAM	100	0	20.56	20.59	20.57		
20	64Q

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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	21.06	21.18	20.82	20.92	22	0
20	QPSK	1	49	20.91	21.12	20.93	20.98		
20	QPSK	1	99	20.91	21.06	20.80	20.99		
20	QPSK	50	0	20.90	21.11	20.84	20.86	22	0
20	QPSK	50	24	20.98	21.04	20.84	20.92		
20	QPSK	50	50	21.00	21.09	20.80	20.88		
20	QPSK	100	0	20.93	20.96	20.74	20.84		
20	16QAM	1	0	20.90	21.13	20.75	20.96	22	0
20	16QAM	1	49	20.99	21.08	20.74	20.92		
20	16QAM	1	99	20.92	21.08	20.96	21.01		
20	16QAM	50	0	20.89	21.11	20.92	21.00	22	0
20	16QAM	50	24	20.99	20.99	20.75	20.86		
20	16QAM	50	50	20.98	21.02	20.75	20.94		
20	16QAM	100	0	20.96	20.91	20.82	21.06		
20	64QAM	1	0	20.88	21.06	20.75	20.98	22	0
20	64QAM	1	49	21.07	21.02	20.85	20.96		
20	64QAM	1	99	20.91	20.99	20.92	20.93		
20	64QAM	50	0	19.20	19.23	19.11	19.10	21	1
20	64QAM	50	24	19.10	19.19	19.04	19.11		
20	64QAM	50	50	19.09	19.17	19.02	19.05		
20	64QAM	100	0	19.19	19.14	19.01	19.20		
20	256QAM	1	0	17.41	17.41	17.32	17.24	19	3
20	256QAM	1	49	17.33	17.40	17.36	17.14		
20	256QAM	1	99	17.39	17.31	17.14	17.25		
20	256QAM	50	0	17.45	17.26	17.30	17.14	19	3
20	256QAM	50	24	17.22	17.45	17.35	17.28		
20	256QAM	50	50	17.24	17.27	17.28	17.13		
20	256QAM	100	0	17.37	17.28	17.23	17.35		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.93	21.06	20.84	20.80	22	0
15	QPSK	1	37	20.82	21.09	20.86	21.03		
15	QPSK	1	74	20.83	20.99	20.75	20.93		
15	QPSK	36	0	20.81	20.75	20.90	20.81	22	0
15	QPSK	36	20	20.99	21.10	20.86	20.96		
15	QPSK	36	39	21.00	21.03	20.86	20.80		
15	QPSK	75	0	20.96	20.89	20.68	20.75		
15	16QAM	1	0	20.83	21.09	20.63	20.92	22	0
15	16QAM	1	37	20.93	21.01	20.67	20.83		
15	16QAM	1	74	20.76	20.97	20.84	21.03		
15	16QAM	36	0	20.72	21.11	20.76	21.00	22	0
15	16QAM	36	20	20.93	20.98	20.61	20.84		
15	16QAM	36	39	20.95	21.04	20.67	20.92		
15	16QAM	75	0	21.02	20.96	20.66	21.11		
15	64QAM	1	0	20.90	21.12	20.66	20.94	22	0
15	64QAM	1	37	21.12	21.00	20.68	20.79		
15	64QAM	1	74	20.94	20.92	20.86	20.78		
15	64QAM	36	0	19.18	19.19	19.05	19.02	21	1
15	64QAM	36	20	19.08	19.16	19.03	19.09		
15	64QAM	36	39	19.09	19.09	19.03	19.02		
15	64QAM	75	0	19.05	19.00	19.06	19.04		
15	256QAM	1	0	17.29	17.30	17.26	17.10	19	3
15	256QAM	1	37	17.31	17.41	17.26	17.13		
15	256QAM	1	74	17.32	17.22	17.03	17.20		
15	256QAM	36	0	17.30	17.25	17.21	17.00	19	3
15	256QAM	36	20	17.10	17.41	17.39	17.31		
15	256QAM	36	39	17.17	17.31	17.19	17.16		
15	256QAM	75	0	17.43	17.21	17.24	17.27		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.95	21.14	20.81	20.79	22	0
10	QPSK	1	25	20.86	21.05	20.82	21.04		
10	QPSK	1	49	20.89	21.03	20.71	20.99		
10	QPSK	25	0	20.88	20.75	20.79	20.92	22	0
10	QPSK	25	12	20.99	20.96	20.74	20.90		
10	QPSK	25	25	21.02	21.05	20.71	20.84		
10	QPSK	50	0	20.86	20.77	20.73	20.90		
10	16QAM	1	0	20.80	21.13	20.81	21.00	22	0
10	16QAM	1	25	20.96	21.02	20.80	20.90		
10	16QAM	1	49	20.77	21.13	21.02	20.94		
10	16QAM	25	0	20.76	21.03	20.89	20.90	22	0
10	16QAM	25	12	21.05	20.94	20.61	20.82		
10	16QAM	25	25	20.97	20.86	20.74	20.87		
10	16QAM	50	0	21.02	20.80	20.78	21.00		
10	64QAM	1	0	20.82	20.90	20.76	20.87	22	0
10	64QAM	1	25	20.99	20.92	20.78	20.90		
10	64QAM	1	49	20.90	21.05	20.84	20.94		
10	64QAM	25	0	19.04	19.18	19.05	19.01	21	1
10	64QAM	25	12	19.07	19.22	19.11	19.13		
10	64QAM	25	25	19.16	19.05	19.01	19.08		
10	64QAM	50	0	19.09	19.14	19.06	19.14		
10	256QAM	1	0	17.26	17.29	17.34	17.07	19	3
10	256QAM	1	25	17.29	17.25	17.23	17.11		
10	256QAM	1	49	17.31	17.19	17.00	17.14		
10	256QAM	25	0	17.29	17.11	17.35	17.04	19	3
10	256QAM	25	12	17.20	17.45	17.35	17.17		
10	256QAM	25	25	17.19	17.19	17.11	17.11		
10	256QAM	50	0	17.21	17.18	17.19	17.21		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.05	21.09	20.73	20.92	22	0
5	QPSK	1	12	20.90	21.15	20.81	20.92		
5	QPSK	1	24	20.74	21.00	20.71	20.94		
5	QPSK	12	0	20.77	20.83	20.75	20.73	22	0
5	QPSK	12	7	20.96	21.02	20.86	20.82		
5	QPSK	12	13	21.05	21.08	20.76	20.89		
5	QPSK	25	0	20.89	20.85	20.79	20.79		
5	16QAM	1	0	20.94	21.07	20.65	20.99	22	0
5	16QAM	1	12	21.00	21.10	20.66	20.79		
5	16QAM	1	24	20.99	21.11	20.98	20.91		
5	16QAM	12	0	20.87	21.11	20.81	20.96	22	0
5	16QAM	12	7	21.03	20.82	20.76	20.75		
5	16QAM	12	13	20.95	21.09	20.78	20.80		
5	16QAM	25	0	20.96	20.96	20.78	21.09		
5	64QAM	1	0	20.84	21.08	20.62	20.86	22	0
5	64QAM	1	12	20.96	20.96	20.91	20.83		
5	64QAM	1	24	20.79	20.87	20.81	20.81		
5	64QAM	12	0	19.24	19.20	19.18	19.08	21	1
5	64QAM	12	7	19.09	19.12	19.08	19.04		
5	64QAM	12	13	19.02	19.04	19.08	19.06		
5	64QAM	25	0	19.19	19.05	19.03	19.23		
5	256QAM	1	0	17.32	17.38	17.19	17.25	19	3
5	256QAM	1	12	17.27	17.45	17.19	17.07		
5	256QAM	1	24	17.25	17.23	17.19	17.24		
5	256QAM	12	0	17.41	17.21	17.26	17.02	19	3
5	256QAM	12	7	17.20	17.39	17.24	17.12		
5	256QAM	12	13	17.25	17.18	17.15	17.10		
5	256QAM	25	0	17.25	17.14	17.06	17.37		

Reduced Power Mode for Main PA DSI6 UL CA

Band 2 Ant 0 DSI6

BW [MHz]	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	16.68	16.75	16.71	18	0
20	QPSK	1	49	16.63	16.62	16.70		
20	QPSK	1	99	16.48	16.54	16.71		
20	QPSK	50	0	16.64	16.71	16.70	18	0
20	QPSK	50	24	16.56	16.67	16.70		
20	QPSK	50	50	16.47	16.63	16.55		
20	QPSK	100	0	16.46	16.59	16.56		
20	16QAM	1	0	16.68	16.64	16.62	18	0
20	16QAM	1	49	16.48	16.67	16.57		
20	16QAM	1	99	16.59	16.67	16.54		
20	16QAM	50	0	16.63	16.67	16.69	18	0
20	16QAM	50	24	16.52	16.68	16.51		
20	16QAM	50	50	16.58	16.67	16.64		
20	16QAM	100	0	16.62	16.73	16.64	18	0
20	64QAM	1	0	16.59	16.70	16.69		
20	64QAM	1	49	16.65	16.53	16.48		
20	64QAM	1	99	16.53	16.74	16.61		
20	64QAM	50	0	16.59	16.69	16.67	18	0
20	64QAM	50	24	16.57	16.68	16.49		
20	64QAM	50	50	16.51	16.57	16.52		
20	64QAM	100	0	16.57	16.61	16.69		
20	256QAM	1	0	16.63	16.66	16.69	18	0
20	256QAM	1	49	16.59	16.65	16.54		
20	256QAM	1	99	16.47	16.71	16.59		
20	256QAM	50	0	16.53	16.63	16.51	18	0
20	256QAM	50	24	16.55	16.59	16.66		
20	256QAM	50	50	16.57	16.61	16.60		
20	256QAM	100	0	16.55	16.62	16.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.41	16.55	16.52	18	0
15	QPSK	1	37	16.41	16.60	16.58		
15	QPSK	1	74	16.43	16.49	16.53		
15	QPSK	36	0	16.51	16.68	16.60	18	0
15	QPSK	36	20	16.47	16.62	16.65		
15	QPSK	36	39	16.52	16.64	16.48		
15	QPSK	75	0	16.42	16.72	16.51		
15	16QAM	1	0	16.45	16.58	16.54	18	0
15	16QAM	1	37	16.46	16.60	16.46		
15	16QAM	1	74	16.48	16.51	16.54		
15	16QAM	36	0	16.44	16.68	16.49	18	0
15	16QAM	36	20	16.61	16.60	16.58		
15	16QAM	36	39	16.48	16.69	16.63		
15	16QAM	75	0	16.56	16.53	16.58		
15	64QAM	1	0	16.57	16.52	16.60	18	0
15	64QAM	1	37	16.51	16.64	16.53		
15	64QAM	1	74	16.55	16.62	16.57		
15	64QAM	36	0	16.51	16.63	16.56	18	0
15	64QAM	36	20	16.54	16.64	16.54		
15	64QAM	36	39	16.51	16.64	16.45		
15	64QAM	75	0	16.52	16.57	16.66		
15	256QAM	1	0	16.62	16.57	16.63	18	0
15	256QAM	1	37	16.66	16.69	16.67		
15	256QAM	1	74	16.53	16.70	16.55		
15	256QAM	36	0	16.50	16.68	16.44	18	0
15	256QAM	36	20	16.60	16.51	16.43		
15	256QAM	36	39	16.52	16.68	16.52		
15	256QAM	75	0	16.46	16.53	16.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.54	16.51	16.67	18	0
10	QPSK	1	25	16.60	16.51	16.53		
10	QPSK	1	49	16.47	16.67	16.61		
10	QPSK	25	0	16.49	16.63	16.57	18	0
10	QPSK	25	12	16.51	16.61	16.47		
10	QPSK	25	25	16.62	16.64	16.50		
10	QPSK	50	0	16.64	16.57	16.58		
10	16QAM	1	0	16.49	16.49	16.48	18	0
10	16QAM	1	25	16.52	16.65	16.54		
10	16QAM	1	49	16.51	16.66	16.65		
10	16QAM	25	0	16.56	16.62	16.52	18	0
10	16QAM	25	12	16.47	16.49	16.52		
10	16QAM	25	25	16.63	16.51	16.63		
10	16QAM	50	0	16.47	16.70	16.50		
10	16QAM	50	25	16.52	16.68	16.52		
10	16QAM	50	50	16.46	16.53	16.51		
10	64QAM	1	0	16.63	16.52	16.47	18	0
10	64QAM	1	25	16.63	16.51	16.67		
10	64QAM	1	49	16.65	16.59	16.51		
10	64QAM	25	0	16.59	16.71	16.43	18	0
10	64QAM	25	12	16.63	16.67	16.47		
10	64QAM	25	25	16.54	16.63	16.60		
10	64QAM	50	0	16.49	16.49	16.67		
10	256QAM	1	0	16.55	16.61	16.51	18	0
10	256QAM	1	25	16.62	16.56	16.46		
10	256QAM	1	49	16.42	16.64	16.54		
10	256QAM	25	0	16.50	16.51	16.61	18	0
10	256QAM	25	12	16.48	16.60	16.60		
10	256QAM	25	25	16.48	16.53	16.59		
10	256QAM	50	0	16.61	16.53	16.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.52	16.55	16.55	18	0
5	QPSK	1	12	16.55	16.54	16.50		
5	QPSK	1	24	16.57	16.56	16.58		
5	QPSK	12	0	16.44	16.61	16.53	18	0
5	QPSK	12	7	16.51	16.62	16.51		
5	QPSK	12	13	16.50	16.58	16.51		
5	QPSK	25	0	16.47	16.49	16.56		
5	16QAM	1	0	16.60	16.49	16.58	18	0
5	16QAM	1	12	16.62	16.66	16.53		
5	16QAM	1	24	16.44	16.50	16.51		
5	16QAM	12	0	16.53	16.64	16.61	18	0
5	16QAM	12	7	16.51	16.60	16.66		
5	16QAM	12	13	16.49	16.63	16.52		
5	16QAM	25	0	16.52	16.64	16.66		
5	64QAM	1	0	16.52	16.63	16.52	18	0
5	64QAM	1	12	16.55	16.59	16.50		
5	64QAM	1	24	16.50	16.63	16.51		
5	64QAM	12	0	16.41	16.52	16.66	18	0
5	64QAM	12	7	16.46	16.64	16.52		
5	64QAM	12	13	16.50	16.53	16.56		
5	64QAM	25	0	16.45	16.64	16.55		
5	256QAM	1	0	16.64	16.54	16.67	18	0
5	256QAM	1	12	16.49	16.71	16.54		
5	256QAM	1	24	16.46	16.60	16.47		
5	256QAM	12	0	16.50	16.65	16.57	18	0
5	256QAM	12	7	16.53	16.58	16.58		
5	256QAM	12	13	16.47	16.62	16.65		
5	256QAM	25	0	16.57	16.72	16.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.48	16.49	16.59	18	0
3	QPSK	1	8	16.52	16.58	16.46		
3	QPSK	1	14	16.56	16.53	16.50		
3	QPSK	8	0	16.60	16.56	16.56	18	0
3	QPSK	8	4	16.45	16.67	16.62		
3	QPSK	8	7	16.48	16.54	16.56		
3	QPSK	15	0	16.60	16.61	16.58		
3	16QAM	1	0	16.49	16.60	16.46	18	0
3	16QAM	1	8	16.47	16.58	16.44		
3	16QAM	1	14	16.54	16.70	16.45		
3	16QAM	8	0	16.62	16.59	16.55	18	0
3	16QAM	8	4	16.60	16.52	16.62		
3	16QAM	8	7	16.60	16.57	16.63		
3	16QAM	15	0	16.49	16.61	16.61		
3	64QAM	1	0	16.54	16.62	16.65	18	0
3	64QAM	1	8	16.43	16.61	16.55		
3	64QAM	1	14	16.60	16.60	16.60		
3	64QAM	8	0	16.59	16.72	16.60	18	0
3	64QAM	8	4	16.57	16.50	16.62		
3	64QAM	8	7	16.61	16.52	16.52		
3	64QAM	15	0	16.44	16.70	16.55		
3	256QAM	1	0	16.58	16.50	16.53	18	0
3	256QAM	1	8	16.58	16.59	16.61		
3	256QAM	1	14	16.57	16.53	16.45		
3	256QAM	8	0	16.45	16.61	16.64	18	0
3	256QAM	8	4	16.53	16.49	16.54		
3	256QAM	8	7	16.64	16.69	16.64		
3	256QAM	15	0	16.41	16.68	16.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.57	16.56	16.61	18	0
1.4	QPSK	1	3	16.65	16.64	16.47		
1.4	QPSK	1	5	16.53	16.53	16.56		
1.4	QPSK	3	0	16.53	16.61	16.59		
1.4	QPSK	3	1	16.61	16.48	16.49		
1.4	QPSK	3	3	16.55	16.58	16.55		
1.4	QPSK	6	0	16.43	16.71	16.57	18	0
1.4	16QAM	1	0	16.51	16.68	16.46	18	0
1.4	16QAM	1	3	16.44	16.65	16.47		
1.4	16QAM	1	5	16.64	16.59	16.56		
1.4	16QAM	3	0	16.60	16.62	16.59		
1.4	16QAM	3	1	16.60	16.64	16.47		
1.4	16QAM	3	3	16.49	16.69	16.54		
1.4	16QAM	6	0	16.51	16.56	16.63	18	0
1.4	64QAM	1	0	16.45	16.57	16.55	18	0
1.4	64QAM	1	3	16.64	16.62	16.64		
1.4	64QAM	1	5	16.42	16.55	16.47		
1.4	64QAM	3	0	16.57	16.70	16.60		
1.4	64QAM	3	1	16.63	16.53	16.53		
1.4	64QAM	3	3	16.56	16.64	16.64		
1.4	64QAM	6	0	16.56	16.60	16.54	18	0
1.4	256QAM	1	0	16.53	16.72	16.57	18	0
1.4	256QAM	1	3	16.55	16.51	16.56		
1.4	256QAM	1	5	16.52	16.53	16.64		
1.4	256QAM	3	0	16.57	16.62	16.59		
1.4	256QAM	3	1	16.59	16.58	16.61		
1.4	256QAM	3	3	16.44	16.49	16.48		
1.4	256QAM	6	0	16.54	16.61	16.46	18	0

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BW [MHz]	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	17.34	17.47	17.36	18	0
20	QPSK	1	49	17.43	17.40	17.21		
20	QPSK	1	99	17.21	17.22	17.20		
20	QPSK	50	0	17.37	17.43	17.38	18	0
20	QPSK	50	24	17.20	17.24	17.30		
20	QPSK	50	50	17.24	17.33	17.21		
20	QPSK	100	0	17.35	17.40	17.27		
20	16QAM	1	0	17.39	17.41	17.10	18	0
20	16QAM	1	49	17.20	17.33	17.32		
20	16QAM	1	99	17.22	17.30	17.23		
20	16QAM	50	0	17.31	17.27	17.27	18	0
20	16QAM	50	24	17.38	17.23	17.27		
20	16QAM	50	50	17.30	17.23	17.25		
20	16QAM	100	0	17.37	17.29	17.16	18	0
20	64QAM	1	0	17.24	17.24	17.25		
20	64QAM	1	49	17.30	17.38	17.20		
20	64QAM	1	99	17.40	17.31	17.23		
20	64QAM	50	0	17.23	17.27	17.18	18	0
20	64QAM	50	24	17.31	17.36	17.18		
20	64QAM	50	50	17.39	17.23	17.20		
20	64QAM	100	0	17.20	17.46	17.10	18	0
20	256QAM	1	0	17.20	17.41	17.18		
20	256QAM	1	49	17.41	17.35	17.28		
20	256QAM	1	99	17.36	17.23	17.15		
20	256QAM	50	0	17.40	17.23	17.17	18	0
20	256QAM	50	24	17.22	17.26	17.16		
20	256QAM	50	50	17.23	17.36	17.30		
20	256QAM	100	0	17.23	17.24	17.22	18	0
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.26	17.38	17.12	18	0
15	QPSK	1	37	17.23	17.24	17.08		
15	QPSK	1	74	17.33	17.23	17.17		
15	QPSK	36	0	17.25	17.28	17.12	18	0
15	QPSK	36	20	17.31	17.31	17.23		
15	QPSK	36	39	17.37	17.16	17.11		
15	QPSK	75	0	17.34	17.23	17.23		
15	16QAM	1	0	17.26	17.30	17.17	18	0
15	16QAM	1	37	17.16	17.31	17.14		
15	16QAM	1	74	17.33	17.21	17.17		
15	16QAM	36	0	17.22	17.40	17.24	18	0
15	16QAM	36	20	17.25	17.30	17.25		
15	16QAM	36	39	17.27	17.22	17.07		
15	16QAM	75	0	17.25	17.29	17.07		
15	64QAM	1	0	17.26	17.19	17.21	18	0
15	64QAM	1	37	17.22	17.35	17.22		
15	64QAM	1	74	17.28	17.23	17.26		
15	64QAM	36	0	17.30	17.17	17.13	18	0
15	64QAM	36	20	17.26	17.29	17.27		
15	64QAM	36	39	17.23	17.17	17.04		
15	64QAM	75	0	17.37	17.17	17.03	18	0
15	256QAM	1	0	17.16	17.23	17.13		
15	256QAM	1	37	17.32	17.26	17.07		
15	256QAM	1	74	17.20	17.27	17.26		
15	256QAM	36	0	17.36	17.32	17.06	18	0
15	256QAM	36	20	17.18	17.31	17.22		
15	256QAM	36	39	17.18	17.27	17.06		
15	256QAM	75	0	17.18	17.31	17.08	18	0
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.32	17.17	17.14	18	0
10	QPSK	1	25	17.29	17.14	17.26		
10	QPSK	1	49	17.31	17.28	17.22		
10	QPSK	25	0	17.34	17.33	17.23	18	0
10	QPSK	25	12	17.36	17.24	17.23		
10	QPSK	25	25	17.37	17.39	17.07		
10	QPSK	50	0	17.23	17.35	17.07	18	0
10	16QAM	1	0	17.36	17.27	17.08		
10	16QAM	1	25	17.28	17.29	17.21		
10	16QAM	1	49	17.30	17.35	17.24		
10	16QAM	25	0	17.20	17.18	17.26	18	0
10	16QAM	25	12	17.20	17.20	17.13		
10	16QAM	25	25	17.36	17.39	17.12		
10	16QAM	50	0	17.17	17.28	17.11		
10	64QAM	1	0	17.32	17.32	17.26	18	0
10	64QAM	1	25	17.31	17.24	17.24		
10	64QAM	1	49	17.17	17.35	17.10		
10	64QAM	25	0	17.17	17.29	17.15	18	0
10	64QAM	25	12	17.21	17.32	17.12		
10	64QAM	25	25	17.27	17.20	17.26		
10	64QAM	50	0	17.19	17.33	17.13		
10	256QAM	1	0	17.34	17.29	17.10	18	0
10	256QAM	1	25	17.15	17.19	17.18		
10	256QAM	1	49	17.23	17.38	17.03		
10	256QAM	25	0	17.15	17.29	17.08	18	0
10	256QAM	25	12	17.21	17.39	17.05		
10	256QAM	25	25	17.19	17.21	17.09		
10	256QAM	50	0	17.15	17.39	17.24	18	0
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.19	17.40	17.15	18	0
5	QPSK	1	12	17.24	17.39	17.09		
5	QPSK	1	24	17.27	17.28	17.10		
5	QPSK	12	0	17.20	17.22	17.04	18	0
5	QPSK	12	7	17.34	17.27	17.13		
5	QPSK	12	13	17.26	17.20	17.15		
5	QPSK	25	0	17.36	17.34	17.22		
5	16QAM	1	0	17.14	17.19	17.18	18	0
5	16QAM	1	12	17.35	17.34	17.17		
5	16QAM	1	24	17.19	17.33	17.11		
5	16QAM	12	0	17.28	17.17	17.16	18	0
5	16QAM	12	7	17.31	17.28	17.04		
5	16QAM	12	13	17.26	17.30	17.08		
5	16QAM	25	0	17.24	17.19	17.20		
5	64QAM	1	0	17.16	17.24	17.04	18	0
5	64QAM	1	12	17.16	17.36	17.12		
5	64QAM	1	24	17.18	17.37	17.10		
5	64QAM	12	0	17.21	17.30	17.13	18	0
5	64QAM	12	7	17.36	17.38	17.09		
5	64QAM	12	13	17.23	17.33	17.26		
5	64QAM	25	0	17.25	17.39	17.23		
5	256QAM	1	0	17.33	17.17	17.16	18	0
5	256QAM	1	12	17.28	17.37	17.23		
5	256QAM	1	24	17.28	17.19	17.22		
5	256QAM	12	0	17.27	17.31	17.15	18	0
5	256QAM	12	7	17.27	17.35	17.17		
5	256QAM	12	13	17.24	17.18	17.22		
5	256QAM	25	0	17.32	17.28	17.22	18	0
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.36	17.28	17.27	18	0
3	QPSK	1	8	17.21	17.37	17.15		
3	QPSK	1	14	17.24	17.21	17.13		
3	QPSK	8	0	17.23	17.25	17.16	18	0
3	QPSK	8	4	17.21	17.40	17.19		
3	QPSK	8	7	17.15	17.19	17.12		
3	QPSK	15	0	17.32	17.39	17.21		
3	16QAM	1	0	17.20	17.25	17.17	18	0
3	16QAM	1	8	17.18	17.25	17.04		
3	16QAM	1	14	17.35	17.26	17.16		
3	16QAM	8	0	17.17	17.30	17.22	18	0
3	16QAM	8	4	17.15	17.25	17.15		
3	16QAM	8	7	17.15	17.29	17.09		
3	16QAM	15	0	17.14	17.39	17.04	18	0
3	64QAM	1	0	17.24	17.18	17.16		
3	64QAM	1	8	17.25	17.37	17.26		
3	64QAM	1	14	17.22	17.33	17.17		
3	64QAM	8	0	17.15	17.20	17.24	18	0
3	64QAM	8	4	17.25	17.36	17.23		
3	64QAM	8	7	17.25	17.22	17.14		
3	64QAM	15	0	17.24	17.32	17.27	18	0
3	256QAM	1	0	17.28	17.38	17.23		
3	256QAM	1	8	17.19	17.25	17.22		
3	256QAM	1	14	17.34	17.16	17.16		
3	256QAM	8	0	17.15	17.20	17.06	18	0
3	256QAM	8	4	17.34	17.37	17.18		
3	256QAM	8	7	17.19	17.25	17.20		
3	256QAM	15	0	17.26	17.32	17.18	18	0
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.18	17.24	17.18	18	0
1.4	QPSK	1	3	17.31	17.23	17.10		
1.4	QPSK	1	5	17.23	17.21	17.11		
1.4	QPSK	3	0	17.25	17.37	17.11		
1.4	QPSK	3	1	17.32	17.33	17.05		
1.4	QPSK	3	3	17.26	17.28	17.18		
1.4	QPSK	6	0	17.25	17.27	17.07	18	0
1.4	16QAM	1	0	17.14	17.19	17.25	18	0
1.4	16QAM	1	3	17.17	17.28	17.17		
1.4	16QAM	1	5	17.31	17.27	17.14		
1.4	16QAM	3	0	17.36	17.19	17.13		
1.4	16QAM	3	1	17.27	17.19	17.05		
1.4	16QAM	3	3	17.33	17.33	17.27		
1.4	16QAM	6	0	17.18	17.18	17.10	18	0
1.4	64QAM	1	0	17.18	17.25	17.08	18	0
1.4	64QAM	1	3	17.18	17.31	17.11		
1.4	64QAM	1	5	17.27	17.18	17.12		
1.4	64QAM	3	0	17.17	17.37	17.16		
1.4	64QAM	3	1	17.22	17.27	17.25		
1.4	64QAM	3	3	17.14	17.24	17.24		
1.4	64QAM	6	0	17.37	17.29	17.04	18	0
1.4	256QAM	1	0	17.14	17.40	17.11	18	0
1.4	256QAM	1	3	17.21	17.38	17.15		
1.4	256QAM	1	5	17.14	17.40	17.25		
1.4	256QAM	3	0	17.19	17.37	17.03		
1.4	256QAM	3	1	17.18	17.21	17.18		
1.4	256QAM	3	3	17.33	17.19	17.27		
1.4	256QAM	6	0	17.32	17.25	17.22	18	0

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BW [MHz]	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	17.95	18.04	17.84	19.5	0
20	QPSK	1	49	17.93	18.00	17.86		
20	QPSK	1	99	17.85	17.97	17.93		
20	QPSK	50	0	17.90	17.95	17.81	19.5	0
20	QPSK	50	24	17.83	17.84	17.94		
20	QPSK	50	50	17.93	17.87	17.80		
20	QPSK	100	0	17.76	17.86	17.77		
20	16QAM	1	0	17.84	17.91	17.91	19.5	0
20	16QAM	1	49	17.80	17.83	17.98		
20	16QAM	1	99	17.85	17.77	17.96		
20	16QAM	50	0	17.92	17.98

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BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.96	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.78	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.81	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.60		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.98	24	0
3	QPSK	1	8	22.82	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.92	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.66	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI6 sig path：300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.98	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.84	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI6

BW [MHz]	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		22.63		23.5	0
10	QPSK	1	25		22.41			
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.95		23	0.5
10	QPSK	25	12		21.88			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.81		23	0.5
10	16QAM	1	25		21.89			
10	16QAM	1	49		21.77			
10	16QAM	25	0		21.92		22	1.5
10	16QAM	25	12		20.72			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.60			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.91			
10	64QAM	1	49		20.85			
10	64QAM	25	0		20.87		21	2.5
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.73			
10	64QAM	50	0		19.81			
10	256QAM	1	0		17.85		19	4.5
10	256QAM	1	25		17.97			
10	256QAM	1	49		17.86			
10	256QAM	25	0		17.97		19	4.5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.83			
10	256QAM	50	0		17.79			
Channel				23205	17.83	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.60	22.48	22.59	23.5	0
5	QPSK	1	12	22.28	22.38	22.33		
5	QPSK	1	24	22.39	22.41	22.29		
5	QPSK	12	0	21.86	21.83	21.83	23	0.5
5	QPSK	12	7	21.81	21.75	21.86		
5	QPSK	12	13	21.82	21.88	21.78		
5	QPSK	25	0	21.91	21.79	21.87		
5	16QAM	1	0	21.74	21.78	21.81	23	0.5
5	16QAM	1	12	21.90	21.79	21.94		
5	16QAM	1	24	21.79	21.75	21.65		
5	16QAM	12	0	21.74	21.75	21.81	22	1.5
5	16QAM	12	7	20.78	20.72	20.61		
5	16QAM	12	13	20.50	20.66	20.59		
5	16QAM	25	0	20.46	20.64	20.52		
5	64QAM	1	0	20.77	20.75	20.77	22	1.5
5	64QAM	1	12	20.74	20.94	20.85		
5	64QAM	1	24	20.71	20.73	20.84		
5	64QAM	12	0	20.91	20.79	20.87	21	2.5
5	64QAM	12	7	19.83	19.77	19.81		
5	64QAM	12	13	19.60	19.77	19.62		
5	64QAM	25	0	19.65	19.83	19.87		
5	256QAM	1	0	17.86	17.84	17.85	19	4.5
5	256QAM	1	12	17.93	17.98	18.03		
5	256QAM	1	24	17.86	17.79	17.88		
5	256QAM	12	0	17.97	17.96	17.85	19	4.5
5	256QAM	12	7	17.73	17.84	17.72		
5	256QAM	12	13	17.78	17.84	17.76		
5	256QAM	25	0	17.84	17.75	17.74		

Band 13 Ant 0 DSI6 sig path：378

BW [MHz]	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		22.58		23.5	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.43			
10	QPSK	25	0		21.89		23	0.5
10	QPSK	25	12		21.86			
10	QPSK	25	25		21.78			
10	QPSK	50	0		21.74			
10	16QAM	1	0		21.73		23	0.5
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.60			
10	16QAM	25	0		21.97		22	1.5
10	16QAM	25	12		20.67			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.90		22	1.5
10	64QAM	1	25		20.75			
10	64QAM	1	49		20.75			
10	64QAM	25	0		20.88		21	2.5
10	64QAM	25	12		19.87			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.66			
10	256QAM	1	0		17.82		19	4.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.83		19	4.5
10	256QAM	25	12		17.80			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.76			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.45	22.50	23.5	0
5	QPSK	1	12	22.22	22.26	22.23		
5	QPSK	1	24	22.31	22.27	22.33		
5	QPSK	12	0	21.86	21.79	21.73	23	0.5
5	QPSK	12	7	21.72	21.64	21.80		
5	QPSK	12	13	21.69	21.80	21.60		
5	QPSK	25	0	21.73	21.61	21.81		
5	16QAM	1	0	21.72	21.61	21.81	23	0.5
5	16QAM	1	12	21.86	21.79	21.80		
5	16QAM	1	24	21.61	21.78	21.54		
5	16QAM	12	0	21.76	21.58	21.82	22	1.5
5	16QAM	12	7	20.66	20.77	20.51		
5	16QAM	12	13	20.37	20.56	20.47		
5	16QAM	25	0	20.27	20.63	20.34		
5	64QAM	1	0	20.71	20.59	20.64	22	1.5
5	64QAM	1	12	20.74	20.84	20.87		
5	64QAM	1	24	20.71	20.63	20.79		
5	64QAM	12	0	20.85	20.79	20.69	21	2.5
5	64QAM	12	7	19.84	19.79	19.79		
5	64QAM	12	13	19.46	19.59	19.57		
5	64QAM	25	0	19.67	19.80	19.90		
5	256QAM	1	0	17.90	17.77	17.74	19	4.5
5	256QAM	1	12	17.81	17.93	18.05		
5	256QAM	1	24	17.75	17.79	17.84		
5	256QAM	12	0	17.90	17.98	17.86	19	4.5
5	256QAM	12	7	17.72	17.69	17.65		
5	256QAM	12	13	17.68	17.62	17.71		
5	256QAM	25	0	17.72	17.70	17.74		

Band 14 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.60		22.5	0
10	QPSK	1	25		21.34			
10	QPSK	1	49		21.26			
10	QPSK	25	0		21.29		22.5	0
10	QPSK	25	12		21.23			
10	QPSK	25	25		21.26			
10	QPSK	50	0		21.21			
10	16QAM	1	0		21.28		22.5	0
10	16QAM	1	25		21.25			
10	16QAM	1	49		21.27			
10	16QAM	25	0		20.93		22	0.5
10	16QAM	25	12		20.91			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.90			
10	64QAM	1	0		20.91		22	0.5
10	64QAM	1	25		20.90			
10	64QAM	1	49		20.89			
10	64QAM	25	0		19.95		21	1.5
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.99			
10	64QAM	50	0		19.83			
10	256QAM	1	0		18.05		19	3.5
10	256QAM	1	25		18.11			
10	256QAM	1	49		17.93			
10	256QAM	25	0		17.89		19	3.5
10	256QAM	25	12		17.85			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.94			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.38	21.45	21.53	22.5	0
5	QPSK	1	12	21.14	21.40	21.29		
5	QPSK	1	24	21.10	21.24	21.23		
5	QPSK	12	0	21.19	21.10	21.22	22.5	0
5	QPSK	12	7	21.21	21.07	21.21		
5	QPSK	12	13	21.04	21.19	21.19		
5	QPSK	25	0	21.26	21.12	21.08		
5	16QAM	1	0	21.30	21.24	21.09	22.5	0
5	16QAM	1	12	21.06	21.24	21.19		
5	16QAM	1	24	21.34	21.15	21.17		
5	16QAM	12	0	21.01	20.89	20.96	22	0.5
5	16QAM	12	7	21.02	20.94	20.83		
5	16QAM	12	13	20.76	20.96	20.94		
5	16QAM	25	0	20.85	20.93	20.98		
5	64QAM	1	0	20.83	20.80	20.95	22	0.5
5	64QAM	1	12	20.97	20.95	20.83		
5	64QAM	1	24	20.98	20.91	20.90		
5	64QAM	12	0	19.96	20.02	19.94	21	1.5
5	64QAM	12	7	19.85	19.84	19.87		
5	64QAM	12	13	20.05	19.89	19.97		
5	64QAM	25	0	19.75	19.83	19.85		
5	256QAM	1	0	17.95	17.92	18.03	19	3.5
5	256QAM	1	12	18.08	18.13	18.05		
5	256QAM	1	24	17.77	17.78	17.75		
5	256QAM	12	0	18.02	17.89	17.91	19	3.5
5	256QAM	12	7	17.90	17.83	17.93		
5	256QAM	12	13	17.97	18.00	17.88		
5	256QAM	25	0	17.89	17.98	17.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.55		22.5	0
10	QPSK	1	25		21.42			
10	QPSK	1	49		21.33			
10	QPSK	25	0		21.54		22.5	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.41			
10	QPSK	50	0		21.49			
10	16QAM	1	0		21.39		22.5	0
10	16QAM	1	25		21.41			
10	16QAM	1	49		21.38			
10	16QAM	25	0		20.98		22	0.5
10	16QAM	25	12		20.96			
10	16QAM	25	25		21.10			
10	16QAM	50	0		21.07			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.01			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.14		21	1.5
10	64QAM	25	12		20.16			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.00			
10	256QAM	1	0		18.18		19	3.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.12			
10	256QAM	25	0		18.04		19	3.5
10	256QAM	25	12		18.18			
10	256QAM	25	25		18.19			
10	256QAM	50	0		17.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.35	21.36	21.31	22.5	0
5	QPSK	1	12	21.41	21.45	21.36		
5	QPSK	1	24	21.38	21.28	21.27		
5	QPSK	12	0	21.37	21.40	21.37	22.5	0
5	QPSK	12	7	21.45	21.38	21.53		
5	QPSK	12	13	21.48	21.41	21.52		
5	QPSK	25	0	21.48	21.41	21.50		
5	16QAM	1	0	21.45	21.25	21.42	22.5	0
5	16QAM	1	12	21.29	21.33	21.28		
5	16QAM	1	24	21.33	21.36	21.16		
5	16QAM	12	0	20.96	20.93	20.95	22	0.5
5	16QAM	12	7	20.93	21.02	20.99		
5	16QAM	12	13	21.00	21.13	21.03		
5	16QAM	25	0	21.06	21.13	20.97		
5	64QAM	1	0	20.97	21.05	20.91	22	0.5
5	64QAM	1	12	20.90	20.93	21.00		
5	64QAM	1	24	20.89	21.03	20.92		
5	64QAM	12	0	20.03	20.11	20.15	21	1.5
5	64QAM	12	7	20.08	20.03	20.20		
5	64QAM	12	13	20.07	20.05	20.08		
5	64QAM	25	0	19.96	19.93	19.83		
5	256QAM	1	0	18.07	18.24	18.18	19	3.5
5	256QAM	1	12	17.88	17.99	17.82		
5	256QAM	1	24	18.10	18.08	18.15		
5	256QAM	12	0	17.99	18.08	17.88	19	3.5
5	256QAM	12	7	18.16	18.14	18.10		
5	256QAM	12	13	18.13	18.05	18.25		
5	256QAM	25	0	17.92	17.85	17.83		

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BW [MHz]	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	18.08	18.16	18.14	19.5	0
20	QPSK	1	49	18.02	18.11	18.00		
20	QPSK	1	99	17.92	18.02	18.05		
20	QPSK	50	0	18.00	18.06	17.92	19.5	0
20	QPSK	50	24	17.93	17.94	17.99		
20	QPSK	50	50	18.01	17.96	17.95		
20	QPSK	100	0	17.99	18.01	17.88		
20	16QAM	1	0	17.91	17.99	17.96	19.5	0
20	16QAM	1	49	17.94	17.97	18.08		
20	16QAM	1	99	17.92	17.91	18.10		
20	16QAM	50	0	18.06	18.07	17.95	19.5	0
20	16QAM	50	24	18.01	18.03	18.06		
20	16QAM	50	50	17.95	18.00	18.12		
20	16QAM	100	0	18.02	18.01	18.00		
20	64QAM	1	0	17.93	17.94	17.96	19.5	0
20	64QAM	1	49	17.97	17.98	17.90		
20	64QAM	1	99	18.00	17.98	17.94		
20	64QAM	50	0	17.88	18.04	17.92	19.5	0
20	64QAM	50	24	17.97	18.02	17.99		
20	64QAM	50	50	17.95	17.91	18.07		
20	64QAM	100	0	18.00	18.08	18.01		
20	256QAM	1	0	17.56	17.67	17.48	19	0.5
20	256QAM	1	49	17.53	17.60	17.45		
20	256QAM	1	99	17.46	17.71	17.50		
20	256QAM	50	0	17.42	17.60	17.44	19	0.5
20	256QAM	50	24	17.31	17.49	17.14		
20	256QAM	50	50	17.63	17.55	17.48		
20	256QAM	100	0	17.34	17.52	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.12	18.04	17.90	19.5	0
15	QPSK	1	37	18.02	18.08	17.95		
15	QPSK	1	74	17.94	17.99	17.99		
15	QPSK	36	0	18.00	17.99	17.91	19.5	0
15	QPSK	36	20	17.95	17.95	17.97		
15	QPSK	36	39	17.94	17.91	17.96		
15	QPSK	75	0	17.91	17.96	17.92		
15	16QAM	1	0	17.88	17.98	17.90	19.5	0
15	16QAM	1	37	17.94	18.01	18.12		
15	16QAM	1	74	17.89	17.91	18.12		
15	16QAM	36	0	18.05	18.10	17.98	19.5	0
15	16QAM	36	20	17.98	18.04	18.03		
15	16QAM	36	39	17.96	18.01	18.01		
15	16QAM	75	0	18.03	17.98	17.99		
15	64QAM	1	0	17.96	17.96	17.94	19.5	0
15	64QAM	1	37	17.91	17.98	17.93		
15	64QAM	1	74	18.02	17.93	17.96		
15	64QAM	36	0	17.83	18.01	17.93	19.5	0
15	64QAM	36	20	17.97	18.05	18.03		
15	64QAM	36	39	17.96	17.86	18.01		
15	64QAM	75	0	17.96	18.07	17.95		
15	256QAM	1	0	17.55	17.49	17.38	19	0.5
15	256QAM	1	37	17.49	17.42	17.28		
15	256QAM	1	74	17.31	17.55	17.42		
15	256QAM	36	0	17.30	17.49	17.34	19	0.5
15	256QAM	36	20	17.30	17.35	17.04		
15	256QAM	36	39	17.47	17.38	17.43		
15	256QAM	75	0	17.16	17.47	17.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.09	18.05	17.90	19.5	0
10	QPSK	1	25	18.01	18.10	17.94		
10	QPSK	1	49	17.95	17.96	18.01		
10	QPSK	25	0	18.05	18.07	17.85	19.5	0
10	QPSK	25	12	17.97	17.90	18.03		
10	QPSK	25	25	18.04	17.91	17.92		
10	QPSK	50	0	17.93	17.94	17.88		
10	16QAM	1	0	17.91	18.03	17.98	19.5	0
10	16QAM	1	25	17.89	17.93	18.02		
10	16QAM	1	49	17.93	17.94	18.10		
10	16QAM	25	0	18.04	18.01	18.00	19.5	0
10	16QAM	25	12	18.03	18.02	18.10		
10	16QAM	25	25	17.96	18.02	18.10		
10	16QAM	50	0	18.04	17.99	17.98		
10	64QAM	1	0	17.95	17.94	17.91	19.5	0
10	64QAM	1	25	17.95	17.94	17.95		
10	64QAM	1	49	17.93	17.95	17.91		
10	64QAM	25	0	17.98	17.97	17.90	19.5	0
10	64QAM	25	12	17.99	17.96	17.99		
10	64QAM	25	25	17.90	17.91	18.06		
10	64QAM	50	0	17.98	18.06	17.95		
10	256QAM	1	0	17.37	17.61	17.42	19	0.5
10	256QAM	1	25	17.36	17.41	17.42		
10	256QAM	1	49	17.42	17.55	17.47		
10	256QAM	25	0	17.33	17.55	17.31	19	0.5
10	256QAM	25	12	17.30	17.34	17.08		
10	256QAM	25	25	17.56	17.42	17.48		
10	256QAM	50	0	17.17	17.39	17.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.08	18.12	17.98	19.5	0
5	QPSK	1	12	18.04	18.06	17.96		
5	QPSK	1	24	17.89	18.05	18.09		
5	QPSK	12	0	18.05	18.00	17.93	19.5	0
5	QPSK	12	7	17.90	17.98	17.98		
5	QPSK	12	13	17.97	17.97	17.95		
5	QPSK	25	0	17.84	17.96	17.89		
5	16QAM	1	0	17.86	17.92	17.99	19.5	0
5	16QAM	1	12	17.96	17.91	18.12		
5	16QAM	1	24	17.91	17.95	18.12		
5	16QAM	12	0	18.11	18.01	17.93	19.5	0
5	16QAM	12	7	17.95	17.97	18.07		
5	16QAM	12	13	17.94	17.97	18.12		
5	16QAM	25	0	18.03	17.95	17.94		
5	64QAM	1	0	17.97	17.99	17.97	19.5	0
5	64QAM	1	12	17.97	17.94	17.91		
5	64QAM	1	24	18.04	17.91	17.98		
5	64QAM	12	0	17.92	18.05	17.86	19.5	0
5	64QAM	12	7	17.94	17.97	17.99		
5	64QAM	12	13	17.90	17.95	18.11		
5	64QAM	25	0	17.97	18.02	18.02		
5	256QAM	1	0	17.37	17.60	17.43	19	0.5
5	256QAM	1	12	17.51	17.55	17.26		
5	256QAM	1	24	17.45	17.69	17.33		
5	256QAM	12	0	17.32	17.43	17.44	19	0.5
5	256QAM	12	7	17.30	17.44	17.07		
5	256QAM	12	13	17.49	17.44	17.43		
5	256QAM	25	0	17.16	17.46	17.31		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.08	18.12	17.95	19.5	0
3	QPSK	1	8	17.96	18.11	17.95		
3	QPSK	1	14	17.96	18.00	18.08		
3	QPSK	8	0	18.05	18.10	17.90	19.5	0
3	QPSK	8	4	17.96	17.89	17.99		
3	QPSK	8	7	18.05	17.99	17.89		
3	QPSK	15	0	17.91	17.99	17.81		
3	16QAM	1	0	17.85	18.03	18.00	19.5	0
3	16QAM	1	8	17.99	18.00	18.08		
3	16QAM	1	14	17.92	17.85	18.10		
3	16QAM	8	0	18.08	18.07	17.88	19.5	0
3	16QAM	8	4	18.01	17.98	18.05		
3	16QAM	8	7	17.93	18.02	18.08		
3	16QAM	15	0	18.02	18.03	18.03		
3	64QAM	1	0	17.94	17.94	17.92	19.5	0
3	64QAM	1	8	17.96	17.94	17.89		
3	64QAM	1	14	18.02	17.95	17.90		
3	64QAM	8	0	17.92	18.08	17.87	19.5	0
3	64QAM	8	4	18.00	18.06	17.98		
3	64QAM	8	7	17.90	17.89	18.02		
3	64QAM	15	0	18.03	18.11	18.01		
3	256QAM	1	0	17.54	17.59	17.46	19	0.5
3	256QAM	1	8	17.33	17.51	17.42		
3	256QAM	1	14	17.28	17.61	17.37		
3	256QAM	8	0	17.25	17.47	17.37	19	0.5
3	256QAM	8	4	17.19	17.41	17.10		
3	256QAM	8	7	17.46	17.50	17.43		
3	256QAM	15	0	17.26	17.39	17.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.05	18.07	17.97	19.5	0
1.4	QPSK	1	3	17.99	18.10	18.03		
1.4	QPSK	1	5	17.90	17.99	18.04		
1.4	QPSK	3	0	18.04	18.00	17.90		
1.4	QPSK	3	1	17.95	17.98	18.02		
1.4	QPSK	3	3	18.01	17.94	17.88		
1.4	QPSK	6	0	17.90	18.04	17.87	19.5	0
1.4	16QAM	1	0	17.86	18.00	17.92	19.5	0
1.4	16QAM	1	3	17.88	17.99	18.11		
1.4	16QAM	1	5	17.88	17.93	18.15		
1.4	16QAM	3	0	18.09	18.06	17.96		
1.4	16QAM	3	1	18.03	18.00	18.00		
1.4	16QAM	3	3	17.94	17.99	18.07		
1.4	16QAM	6	0	17.99	17.98	18.00	19.5	0
1.4	64QAM	1	0	17.93	17.90	17.96	19.5	0
1.4	64QAM	1	3	17.96	17.95	17.84		
1.4	64QAM	1	5	17.98	18.02	17.96		
1.4	64QAM	3	0	17.84	18.08	17.93		
1.4	64QAM	3	1	17.99	18.07	18.00		
1.4	64QAM	3	3	17.88	18.02	18.02		
1.4	64QAM	6	0	18.05	18.06	18.03	19.5	0
1.4	256QAM	1	0	17.37	17.49	17.39	19	0.5
1.4	256QAM	1	3	17.43	17.52	17.34		
1.4	256QAM	1	5	17.26	17.52	17.49		
1.4	256QAM	3	0	17.39	17.48	17.24		
1.4	256QAM	3	1	17.29	17.41	17.00		
1.4	256QAM	3	3	17.48	17.36	17.32		
1.4	256QAM	6	0	17.32	17.41	17.22	19	0.5

Band 66 Ant 0 DSI6 sig path：354

BW [MHz]	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	18.17	18.27	18.00	19.5	0
20	QPSK	1	49	18.07	18.21	18.12		
20	QPSK	1	99	18.03	18.11	18.16		
20	QPSK	50	0	18.05	18.13	18.03	19.5	0
20	QPSK	50	24	17.99	18.07	18.03		
20	QPSK	50	50	18.08	18.07	18.10		
20	QPSK	100	0	18.03	18.06	18.04		
20	16QAM	1	0	18.00	18.09	18.12	19.5	0
20	16QAM	1	49	18.06	18.09	18.17		
20	16QAM	1	99	18.07	17.99	18.16		
20	16QAM	50	0	18.10	18.14	18.01	19.5	0
20	16QAM	50	24	18.10	18.12	18.15		
20	16QAM	50	50	18.10	18.15	18.22		
20	16QAM	100	0	18.07	18.05	18.07	19.5	0
20	64QAM	1	0	18.13	18.01	18.08		
20	64QAM	1	49	18.06	18.08	18.04		
20	64QAM	1	99	18.05	18.12	17.99		
20	64QAM	50	0	17.97	18.18	17.96	19.5	0
20	64QAM	50	24	18.04	18.18	18.15		
20	64QAM	50	50	18.00	17.99	18.17		
20	64QAM	100	0	18.07	18.20	18.09		
20	256QAM	1	0	17.76	17.75	17.67	19	0.5
20	256QAM	1	49	17.64	17.70	17.63		
20	256QAM	1	99	17.55	17.82	17.67		
20	256QAM	50	0	17.58	17.82	17.55	19	0.5
20	256QAM	50	24	17.49	17.66	17.33		
20	256QAM	50	50	17.71	17.71	17.68		
20	256QAM	100	0	17.55	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.11	18.15	17.96	19.5	0
15	QPSK	1	37	17.97	18.11	18.05		
15	QPSK	1	74	17.98	18.05	18.03		
15	QPSK	36	0	18.04	18.06	17.91	19.5	0
15	QPSK	36	20	17.88	17.94	18.01		
15	QPSK	36	39	17.99	17.94	17.99		
15	QPSK	75	0	17.87	18.04	17.88		
15	16QAM	1	0	17.92	18.01	17.95	19.5	0
15	16QAM	1	37	17.98	17.93	18.03		
15	16QAM	1	74	17.87	17.86	18.05		
15	16QAM	36	0	18.02	18.11	18.00	19.5	0
15	16QAM	36	20	18.06	18.07	18.06		
15	16QAM	36	39	18.00	17.96	18.08		
15	16QAM	75	0	18.03	18.02	17.94		
15	64QAM	1	0	18.04	17.97	17.91	19.5	0
15	64QAM	1	37	18.02	18.03	17.94		
15	64QAM	1	74	18.03	17.96	17.95		
15	64QAM	36	0	17.88	18.03	17.96	19.5	0
15	64QAM	36	20	18.00	18.01	18.03		
15	64QAM	36	39	17.96	17.94	18.08		
15	64QAM	75	0	17.95	18.04	18.03		
15	256QAM	1	0	17.68	17.60	17.55	19	0.5
15	256QAM	1	37	17.58	17.66	17.51		
15	256QAM	1	74	17.57	17.74	17.62		
15	256QAM	36	0	17.69	17.73	17.64	19	0.5
15	256QAM	36	20	17.70	17.65	17.67		
15	256QAM	36	39	17.65	17.59	17.59		
15	256QAM	75	0	17.62	17.55	17.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.08	18.13	17.88	19.5	0
10	QPSK	1	25	18.05	18.10	18.00		
10	QPSK	1	49	17.86	18.07	18.10		
10	QPSK	25	0	18.00	18.02	17.95	19.5	0
10	QPSK	25	12	17.98	17.96	18.00		
10	QPSK	25	25	18.02	17.99	17.99		
10	QPSK	50	0	17.93	18.06	17.84		
10	16QAM	1	0	17.95	18.00	18.01	19.5	0
10	16QAM	1	25	17.99	18.01	18.09		
10	16QAM	1	49	17.97	17.96	18.09		
10	16QAM	25	0	18.11	18.05	17.98	19.5	0
10	16QAM	25	12	18.07	18.05	18.11		
10	16QAM	25	25	17.94	18.03	18.07		
10	16QAM	50	0	17.99	18.05	18.00		
10	64QAM	1	0	18.04	17.90	17.94	19.5	0
10	64QAM	1	25	17.93	18.00	17.95		
10	64QAM	1	49	17.98	18.00	17.91		
10	64QAM	25	0	17.93	18.07	17.96	19.5	0
10	64QAM	25	12	17.95	18.06	18.00		
10	64QAM	25	25	17.97	17.90	18.06		
10	64QAM	50	0	17.97	18.07	18.00		
10	256QAM	1	0	17.59	17.71	17.60	19	0.5
10	256QAM	1	25	17.55	17.58	17.54		
10	256QAM	1	49	17.58	17.70	17.49		
10	256QAM	25	0	17.62	17.67	17.61	19	0.5
10	256QAM	25	12	17.72	17.65	17.61		
10	256QAM	25	25	17.63	17.53	17.58		
10	256QAM	50	0	17.63	17.50	17.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.07	18.16	17.96	19.5	0
5	QPSK	1	12	18.00	18.14	18.01		
5	QPSK	1	24	17.88	18.04	18.07		
5	QPSK	12	0	18.00	18.08	17.88	19.5	0
5	QPSK	12	7	17.97	17.89	17.99		
5	QPSK	12	13	17.96	17.96	17.99		
5	QPSK	25	0	17.87	17.97	17.91		
5	16QAM	1	0	17.93	18.01	17.96	19.5	0
5	16QAM	1	12	17.88	17.98	18.12		
5	16QAM	1	24	17.91	17.86	18.16		
5	16QAM	12	0	18.01	18.02	17.98	19.5	0
5	16QAM	12	7	17.98	18.02	18.05		
5	16QAM	12	13	17.94	18.02	18.10		
5	16QAM	25	0	18.04	17.97	17.95		
5	64QAM	1	0	17.99	17.98	17.98	19.5	0
5	64QAM	1	12	18.00	17.95	17.90		
5	64QAM	1	24	17.96	17.93	17.93		
5	64QAM	12	0	17.92	18.00	17.89	19.5	0
5	64QAM	12	7	17.99	17.96	17.96		
5	64QAM	12	13	17.91	17.94	18.01		
5	64QAM	25	0	17.98	18.07	18.00		
5	256QAM	1	0	17.60	17.71	17.60	19	0.5
5	256QAM	1	12	17.59	17.59	17.58		
5	256QAM	1	24	17.71	17.77	17.65		
5	256QAM	12	0	17.66	17.76	17.57	19	0.5
5	256QAM	12	7	17.73	17.60	17.58		
5	256QAM	12	13	17.60	17.68	17.52		
5	256QAM	25	0	17.70	17.48	17.45		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.06	18.10	17.89	19.5	0
3	QPSK	1	8	17.98	18.13	18.00		
3	QPSK	1	14	17.88	17.97	17.99		
3	QPSK	8	0	18.01	18.00	17.95	19.5	0
3	QPSK	8	4	17.98	17.98	17.95		
3	QPSK	8	7	17.96	17.91	18.00		
3	QPSK	15	0	17.87	17.99	17.90		
3	16QAM	1	0	17.88	17.93	17.93	19.5	0
3	16QAM	1	8	17.99	17.91	18.07		
3	16QAM	1	14	17.96	17.90	18.10		
3	16QAM	8	0	18.09	18.09	17.93	19.5	0
3	16QAM	8	4	18.04	18.06	18.07		
3	16QAM	8	7	17.90	17.97	18.13		
3	16QAM	15	0	18.01	17.98	17.99		
3	64QAM	1	0	17.97	17.92	18.00	19.5	0
3	64QAM	1	8	18.00	17.95	17.93		
3	64QAM	1	14	17.95	17.98	17.98		
3	64QAM	8	0	17.90	18.03	17.93	19.5	0
3	64QAM	8	4	17.91	17.98	17.95		
3	64QAM	8	7	17.91	17.95	18.12		
3	64QAM	15	0	17.95	18.11	17.95		
3	256QAM	1	0	17.60	17.66	17.59	19	0.5
3	256QAM	1	8	17.60	17.65	17.55		
3	256QAM	1	14	17.59	17.77	17.53		
3	256QAM	8	0	17.63	17.74	17.66	19	0.5
3	256QAM	8	4	17.61	17.63	17.67		
3	256QAM	8	7	17.60	17.61	17.63		
3	256QAM	15	0	17.72	17.44	17.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.13	18.09	17.91	19.5	0
1.4	QPSK	1	3	18.05	18.11	18.02		
1.4	QPSK	1	5	17.95	17.98	18.05		
1.4	QPSK	3	0	17.94	18.08	17.87		
1.4	QPSK	3	1	17.94	17.94	18.02		
1.4	QPSK	3	3	18.07	17.96	17.98		
1.4	QPSK	6	0	17.90	18.05	17.86	19.5	0
1.4	16QAM	1	0	17.88	18.04	17.98	19.5	0
1.4	16QAM	1	3	17.90	18.01	18.06		
1.4	16QAM	1	5	17.92	17.87	18.13		
1.4	16QAM	3	0	18.09	18.07	17.90		
1.4	16QAM	3	1	17.99	17.97	18.08		
1.4	16QAM	3	3	17.92	18.03	18.13		
1.4	16QAM	6	0	17.99	18.04	17.96	19.5	0
1.4	64QAM	1	0	17.95	17.92	17.98	19.5	0
1.4	64QAM	1	3	17.97	17.99	17.95		
1.4	64QAM	1	5	18.04	17.99	17.98		
1.4	64QAM	3	0	17.87	17.99	17.92		
1.4	64QAM	3	1	17.93	17.96	17.95		
1.4	64QAM	3	3	17.99	17.92	18.12		
1.4	64QAM	6	0	17.95	18.04	17.97	19.5	0
1.4	256QAM	1	0	17.55	17.58	17.56	19	0.5
1.4	256QAM	1	3	17.54	17.74	17.55		
1.4	256QAM	1	5	17.47	17.64	17.61		
1.4	256QAM	3	0	17.63	17.64	17.67		
1.4	256QAM	3	1	17.51	17.61	17.56		
1.4	256QAM	3	3	17.61	17.60	17.57		
1.4	256QAM	6	0	17.52	17.51	17.63	19	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.35	17.37	17.31		
20	QPSK	1	49	17.32	17.13	17.21	18	0
20	QPSK	1	99	17.14	17.19	17.20		
20	QPSK	50	0	17.23	17.33	17.24		
20	QPSK	50	24	17.27	17.10	17.10	18	0
20	QPSK	50	50	17.29	17.19	17.07		
20	QPSK	100	0	17.28	17.31	17.28		
20	16QAM	1	0	17.23	17.18	17.30		
20	16QAM	1	49	17.14	17.26	17.18	18	0
20	16QAM	1	99	17.08	17.20	17.25		
20	16QAM	50	0	17.27	17.30	17.20		
20	16QAM	50	24	17.05	17.36	17.11	18	0
20	16QAM	50	50	17.07	17.29	17.13		
20	16QAM	100	0	17.32	17.17	17.19		
20	64QAM	1	0	17.28	17.24	17.20		
20	64QAM	1	49	17.31	17.34	17.25	18	0
20	64QAM	1	99	17.11	17.22	17.14		
20	64QAM	50	0	17.21	17.34	17.06		
20	64QAM	50	24	17.29	17.32	17.22	18	0
20	64QAM	50	50	17.26	17.23	17.16		
20	64QAM	100	0	17.30	17.09	17.25		
20	256QAM	1	0	16.22	16.20	16.18		
20	256QAM	1	49	16.21	16.08	16.15	17	1
20	256QAM	1	99	16.02	16.12	16.11		
20	256QAM	50	0	16.22	16.02	16.23		
20	256QAM	50	24	16.16	16.03	16.04	17	1
20	256QAM	50	50	15.93	15.96	15.99		
20	256QAM	100	0	16.13	16.09	16.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.27	17.29	17.18		
15	QPSK	1	37	17.22	17.07	17.11	18	0
15	QPSK	1	74	17.01	17.13	17.07		
15	QPSK	36	0	17.09	17.23	17.16		
15	QPSK	36	20	17.15	17.01	17.02	18	0
15	QPSK	36	39	17.19	16.99	16.99		
15	QPSK	75	0	17.17	17.20	17.21		
15	16QAM	1	0	17.14	17.11	17.23		
15	16QAM	1	37	17.01	17.18	17.07	18	0
15	16QAM	1	74	16.96	17.05	17.13		
15	16QAM	36	0	17.16	17.21	17.05		
15	16QAM	36	20	16.99	17.25	16.98	18	0
15	16QAM	36	39	16.99	17.21	16.99		
15	16QAM	75	0	17.20	17.11	17.07		
15	64QAM	1	0	17.14	17.10	17.06		
15	64QAM	1	37	17.24	17.20	17.15	18	0
15	64QAM	1	74	17.01	17.13	16.99		
15	64QAM	36	0	17.09	17.25	16.92		
15	64QAM	36	20	17.24	17.14	17.11	18	0
15	64QAM	36	39	17.16	17.17	17.07		
15	64QAM	75	0	17.24	16.99	17.12		
15	256QAM	1	0	16.31	16.31	16.16		
15	256QAM	1	37	16.20	16.22	16.07	17	1
15	256QAM	1	74	15.98	16.08	16.07		
15	256QAM	36	0	16.09	16.05	16.13		
15	256QAM	36	20	16.20	16.05	15.96	17	1
15	256QAM	36	39	16.00	16.03	15.88		
15	256QAM	75	0	16.02	16.02	16.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.23	17.25	17.19		
10	QPSK	1	25	17.26	17.07	17.13	18	0
10	QPSK	1	49	17.06	17.12	17.06		
10	QPSK	25	0	17.17	17.26	17.18		
10	QPSK	25	12	17.14	16.96	17.01	18	0
10	QPSK	25	25	17.18	16.93	16.99		
10	QPSK	50	0	17.19	17.26	17.14		
10	16QAM	1	0	17.16	17.06	17.23		
10	16QAM	1	25	17.06	17.18	17.07	18	0
10	16QAM	1	49	16.97	17.13	17.10		
10	16QAM	25	0	17.19	17.23	17.13		
10	16QAM	25	12	16.99	17.29	16.97	18	0
10	16QAM	25	25	16.96	17.15	17.08		
10	16QAM	50	0	17.22	17.06	17.12		
10	64QAM	1	0	17.18	17.13	17.05		
10	64QAM	1	25	17.24	17.25	17.17	18	0
10	64QAM	1	49	16.96	17.16	17.05		
10	64QAM	25	0	17.10	17.26	16.96		
10	64QAM	25	12	17.23	17.02	17.09	18	0
10	64QAM	25	25	17.20	17.16	17.08		
10	64QAM	50	0	17.24	17.01	17.18		
10	256QAM	1	0	16.16	16.27	16.13		
10	256QAM	1	25	16.14	16.25	16.05	17	1
10	256QAM	1	49	16.02	16.00	16.10		
10	256QAM	25	0	16.07	16.19	16.13		
10	256QAM	25	12	16.01	16.05	16.03	17	1
10	256QAM	25	25	16.01	16.05	15.99		
10	256QAM	50	0	16.16	16.03	16.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.30	17.26	17.20		
5	QPSK	1	12	17.21	17.02	17.12	18	0
5	QPSK	1	24	17.07	17.07	17.10		
5	QPSK	12	0	17.12	17.24	17.18		
5	QPSK	12	7	17.17	16.97	16.99	18	0
5	QPSK	12	13	17.21	17.11	16.93		
5	QPSK	25	0	17.19	17.25	17.20		
5	16QAM	1	0	17.09	17.08	17.15		
5	16QAM	1	12	17.02	17.18	17.11	18	0
5	16QAM	1	24	16.96	17.06	17.19		
5	16QAM	12	0	17.17	17.18	17.12		
5	16QAM	12	7	16.94	17.31	16.98	18	0
5	16QAM	12	13	17.07	17.17	17.02		
5	16QAM	25	0	17.26	17.05	17.07		
5	64QAM	1	0	17.16	17.17	17.14		
5	64QAM	1	12	17.16	17.22	17.12	18	0
5	64QAM	1	24	17.00	17.15	17.04		
5	64QAM	12	0	17.08	17.23	17.01		
5	64QAM	12	7	17.17	16.98	17.14	18	0
5	64QAM	12	13	17.11	17.13	17.03		
5	64QAM	25	0	17.20	17.07	17.17		
5	256QAM	1	0	16.15	16.27	16.20		
5	256QAM	1	12	16.25	16.18	15.97	17	1
5	256QAM	1	24	16.07	16.00	16.09		
5	256QAM	12	0	16.08	16.23	16.06		
5	256QAM	12	7	16.07	15.99	16.09	17	1
5	256QAM	12	13	15.94	15.93	15.95		
5	256QAM	25	0	16.06	16.18	16.04		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.25	17.29	17.17		
3	QPSK	1	8	17.26	17.06	17.10	18	0
3	QPSK	1	14	17.08	17.04	17.06		
3	QPSK	8	0	17.18	17.25	17.18		
3	QPSK	8	4	17.14	17.05	17.01	18	0
3	QPSK	8	7	17.18	17.08	16.97		
3	QPSK	15	0	17.23	17.19	17.17		
3	16QAM	1	0	17.11	17.19	17.19		
3	16QAM	1	8	17.06	17.12	17.06	18	0
3	16QAM	1	14	16.96	17.08	17.13		
3	16QAM	8	0	17.17	17.19	17.08		
3	16QAM	8	4	16.92	17.30	16.96	18	0
3	16QAM	8	7	16.99	17.22	17.07		
3	16QAM	15	0	17.21	17.07	17.13		
3	64QAM	1	0	17.11	17.19	17.10		
3	64QAM	1	8	17.25	17.21	17.18	18	0
3	64QAM	1	14	16.97	17.14	17.00		
3	64QAM	8	0	17.14	17.29	17.01		
3	64QAM	8	4	17.14	17.05	17.14	18	0
3	64QAM	8	7	17.11	17.13	17.09		
3	64QAM	15	0	17.24	17.03	17.18		
3	256QAM	1	0	16.23	16.30	16.15		
3	256QAM	1	8	16.24	16.11	16.00	17	1
3	256QAM	1	14	16.03	16.08	15.98		
3	256QAM	8	0	16.12	16.12	16.17		
3	256QAM	8	4	16.19	16.00	16.11	17	1
3	256QAM	8	7	15.92	15.99	15.92		
3	256QAM	15	0	16.09	16.07	16.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.27	17.27	17.22		
1.4	QPSK	1	3	17.18	16.99	17.14		
1.4	QPSK	1	5	17.03	17.10	17.09	18	0
1.4	QPSK	3	0	17.16	17.27	17.19		
1.4	QPSK	3	1	17.13	16.97	16.98		
1.4	QPSK	3	3	17.22	17.09	17.02		
1.4	QPSK	6	0	17.22	17.21	17.23	18	0
1.4	16QAM	1	0	17.17	17.13	17.16		
1.4	16QAM	1	3	17.05	17.19	17.07		
1.4	16QAM	1	5	17.02	17.12	17.15	18	0
1.4	16QAM	3	0	17.21	17.23	17.10		
1.4	16QAM	3	1	16.94	17.31	16.98		
1.4	16QAM	3	3	16.97	17.16	17.04		
1.4	16QAM	6	0	17.21	17.06	17.08	18	0
1.4	64QAM	1	0	17.14	17.15	17.15		
1.4	64QAM	1	3	17.19	17.26	17.19		
1.4	64QAM	1	5	17.02	17.11	17.05	18	0
1.4	64QAM	3	0	17.14	17.27	17.01		
1.4	64QAM	3	1	17.14	17.09	17.13		
1.4	64QAM	3	3	17.19	17.09	17.03		
1.4	64QAM	6	0	17.21	16.98	17.10	18	0
1.4	256QAM	1	0	16.12	16.22	16.09		
1.4	256QAM	1	3	15.93	15.96	16.05		
1.4	256QAM	1	5	16.03	16.12	16.09	17	1
1.4	256QAM	3	0	16.01	15.97	16.11		
1.4	256QAM	3	1	15.87	15.90	15.82		
1.4	256QAM	3	3	15.98	16.12	16.07		
1.4	256QAM	6	0	15.94	16.09	16.09	17	1

Band 2 Ant 4 DSI6 sig pan：347

BW [MHz]	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	17.67	17.75	17.56		
20	QPSK	1	49	17.46	17.49	17.51	18	0
20	QPSK	1	99	17.67	17.68	17.62		
20	QPSK	50	0	17.61	17.74	17.57		
20	QPSK	50	24	17.65	17.64	17.63	18	0
20	QPSK	50	50	17.58	17.61	17.45		
20	QPSK	100	0	17.68	17.65	17.63		
20	16QAM	1	0	17.73	17.65	17.49		
20	16QAM	1	49	17.70	17.59	17.40	18	0
20	16QAM	1	99	17.63	17.65	17.51		
20	16QAM	50	0	17.71	17.67	17.62		
20	16QAM	50	24	17.73	17.65	17.56	18	0
20	16QAM	50	50	17.65	17.57	17.36		
20	16QAM	100	0	17.68	17.66	17.40		
20	64QAM	1	0	17.79	17.54	17.62		
20	64QAM	1	49	17.60	17.61	17.56	18	0
20	64QAM	1	99	17.60	17.69	17.53		
20	64QAM	50	0	17.51	17.65	17.48		
20	64QAM	50	24	17.69	17.52	17.39	18	0
20	64QAM	50	50	17.65	17.50	17.52		
20	64QAM	100	0	17.70	17.50	17.59		
20	256QAM	1	0	16.73	16.72	16.82		
20	256QAM	1	49	16.79	16.80	16.77	17	1
20	256QAM	1	99	16.63	16.67	16.74		
20	256QAM	50	0	16.59	16.54	16.74		
20	256QAM	50	24	16.70	16.56	16.58	17	1
20	256QAM	50	50	16.52	16.56	16.53		
20	256QAM	100	0	16.60	16.71	16.50		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	17.57	17.65	17.46		
15	QPSK	1	37	17.36	17.41	17.38	18	0
15	QPSK	1	74	17.54	17.61	17.46		
15	QPSK	36	0	17.49	17.59	17.44		
15	QPSK	36	20	17.58	17.51	17.48	18	0
15	QPSK	36	39	17.56	17.53	17.36		
15	QPSK	75	0	17.45	17.60	17.56		
15	16QAM	1	0	17.63	17.52	17.35		
15	16QAM	1	37	17.56	17.45	17.29	18	0
15	16QAM	1	74	17.56	17.50	17.40		
15	16QAM	36	0	17.63	17.57	17.52		
15	16QAM	36	20	17.66	17.60	17.45	18	0
15	16QAM	36	39	17.57	17.48	17.29		
15	16QAM	75	0	17.57	17.59	17.35		
15	64QAM	1	0	17.44	17.42	17.55		
15	64QAM	1	37	17.50	17.47	17.47	18	0
15	64QAM	1	74	17.46	17.59	17.43		
15	64QAM	36	0	17.40	17.53	17.35		
15	64QAM	36	20	17.59	17.46	17.27	18	0
15	64QAM	36	39	17.57	17.40	17.40		
15	64QAM	75	0	17.57	17.53	17.49		
15	256QAM	1	0	16.72	16.75	16.91		
15	256QAM	1	37	16.78	16.68	16.68	17	1
15	256QAM	1	74	16.63	16.70	16.73		
15	256QAM	36	0	16.64	16.67	16.78		
15	256QAM	36	20	16.59	16.65	16.57	17	1
15	256QAM	36	39	16.56	16.57	16.49		
15	256QAM	75	0	16.60	16.72	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.59	17.57	17.48		
10	QPSK	1	25	17.37	17.43	17.42	18	0
10	QPSK	1	49	17.62	17.55	17.41		
10	QPSK	25	0	17.53	17.68	17.51		
10	QPSK	25	12	17.53	17.52	17.53	18	0
10	QPSK	25	25	17.49	17.48	17.36		
10	QPSK	50	0	17.47	17.51	17.57		
10	16QAM	1	0	17.68	17.56	17.42		
10	16QAM	1	25	17.64	17.54	17.29	18	0
10	16QAM	1	49	17.55	17.47	17.40		
10	16QAM	25	0	17.60	17.62	17.56		
10	16QAM	25	12	17.61	17.56	17.44	18	0
10	16QAM	25	25	17.59	17.55	17.31		
10	16QAM	50	0	17.59	17.53	17.27		
10	64QAM	1	0	17.50	17.42	17.56		
10	64QAM	1	25	17.53	17.55	17.44	18	0
10	64QAM	1	49	17.47	17.55	17.45		
10	64QAM	25	0	17.41	17.51	17.39		
10	64QAM	25	12	17.62	17.40	17.31	18	0
10	64QAM	25	25	17.54	17.37	17.45		
10	64QAM	50	0	17.62	17.49	17.45		
10	256QAM	1	0	16.76	16.76	16.86		
10	256QAM	1	25	16.72	16.70	16.71	17	1
10	256QAM	1	49	16.62	16.70	16.69		
10	256QAM	25	0	16.67	16.65	16.63		
10	256QAM	25	12	16.69	16.58	16.55	17	1
10	256QAM	25	25	16.46	16.57	16.48		
10	256QAM	50	0	16.61	16.60	16.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.61	17.65	17.45		
5	QPSK	1	12	17.31	17.37	17.40	18	0
5	QPSK	1	24	17.56	17.51	17.47		
5	QPSK	12	0	17.50	17.69	17.43		
5	QPSK	12	7	17.77	17.51	17.55	18	0
5	QPSK	12	13	17.52	17.50	17.37		
5	QPSK	25	0	17.46	17.51	17.51		
5	16QAM	1	0	17.67	17.51	17.42		
5	16QAM	1	12	17.62	17.48	17.30	18	0
5	16QAM	1	24	17.51	17.59	17.40		
5	16QAM	12	0	17.58	17.56	17.48		
5	16QAM	12	7	17.61	17.52	17.41	18	0
5	16QAM	12	13	17.51	17.50	17.24		
5	16QAM	25	0	17.58	17.52	17.30		
5	64QAM	1	0	17.49	17.42	17.51		
5	64QAM	1	12	17.46	17.50	17.49	18	0
5	64QAM	1	24	17.55	17.60	17.43		
5	64QAM	12	0	17.43	17.57	17.34		
5	64QAM	12	7	17.57	17.38	17.29	18	0
5	64QAM	12	13	17.51	17.38	17.47		
5	64QAM	25	0	17.62	17.45	17.53		
5	256QAM	1	0	16.76	16.78	16.90		
5	256QAM	1	12	16.80	16.80	16.76	17	1
5	256QAM	1	24	16.75	16.74	16.77		
5	256QAM	12	0	16.59	16.65	16.72		
5	256QAM	12	7	16.60	16.58	16.53	17	1
5	256QAM	12	13	16.53	16.61	16.60		
5	256QAM	25	0	16.62	16.68	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
3	QPSK	1	0	17.55	17.66	17.46		
3	QPSK	1	8	17.37	17.40	17.42	18	0
3	QPSK	1	14	17.54	17.60	17.43		
3	QPSK	8	0	17.48	17.59	17.47		
3	QPSK	8	4	17.52	17.59	17.52	18	0
3	QPSK	8	7	17.44	17.50	17.39		
3	QPSK	15	0	17.45	17.51	17.55		
3	16QAM	1	0	17.58	17.55	17.34		
3	16QAM	1	8	17.57	17.50	17.34	18	0
3	16QAM	1	14	17.49	17.52	17.40		
3	16QAM	8	0	17.60	17.62	17.52		
3	16QAM	8	4	17.61	17.57	17.46	18	0
3	16QAM	8	7	17.56	17.46	17.22		
3	16QAM	15	0	17.56	17.59	17.31		
3	64QAM	1	0	17.53	17.40	17.48		
3	64QAM	1	8	17.48	17.49	17.48	18	0
3	64QAM	1	14	17.54	17.60	17.41		
3	64QAM	8	0	17.36	17.58	17.36		
3	64QAM	8	4	17.62	17.43	17.26	18	0
3	64QAM	8	7	17.52	17.36	17.47		
3	64QAM	15	0	17.63	17.48	17.48		
3	256QAM	1	0	16.81	16.76	16.84		
3	256QAM	1	8	16.75	16.79	16.78	17	1
3	256QAM	1	14	16.67	16.71	16.78		
3	256QAM	8	0	16.64	16.69	16.77		
3	256QAM	8	4	16.54	16.54	16.57	17	1
3	256QAM	8	7	16.46	16.57	16.47		
3	256QAM	15	0	16.52	16.55	16.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.56	17.67	17.46		
1.4	QPSK	1	3	17.34	17.38	17.40		
1.4	QPSK	1	5	17.52	17.59	17.48	18	0
1.4	QPSK	3	0	17.52	17.66	17.44		
1.4	QPSK	3	1	17.58	17.49	17.52		
1.4	QPSK	3	3	17.44	17.55	17.34		
1.4	QPSK	6	0	17.43	17.55	17.53	18	0
1.4	16QAM	1	0	17.61	17.58	17.39		
1.4	16QAM	1	3	17.58	17.48	17.29		
1.4	16QAM	1	5	17.49	17.57	17.45	18	0
1.4	16QAM	3	0	17.59	17.56	17.49		
1.4	16QAM	3	1	17.64	17.58	17.50		
1.4	16QAM	3	3	17.56	17.51	17.29	18	0
1.4	16QAM	6	0	17.55	17.56	17.29	18	0
1.4	64QAM	1	0	17.53	17.45	17.49		
1.4	64QAM	1	3	17.47	17.50	17.48		
1.4	64QAM	1	5	17.53	17.61	17.38	18	0
1.4	64QAM	3	0	17.41	17.60	17.36		
1.4	64QAM	3	1	17.54	17.46	17.29		
1.4	64QAM	3	3	17.60	17.36	17.44		
1.4	64QAM	6	0	17.63	17.54	17.53	18	0
1.4	256QAM	1	0	16.69	16.67	16.72		
1.4	256QAM	1	3	16.66	16.68	16.58		
1.4	256QAM	1	5	16.53	16.64	16.51	17	1
1.4	256QAM	3	0	16.43	16.58	16.58		
1.4	256QAM	3	1	16.58	16.48	16.50		
1.4	256QAM	3	3	16.36	16.48	16.56		
1.4	256QAM	6	0	16.58	16.48	16.42	17	1

Band 4 Ant 4 DSI6

BW [MHz]	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	18.72	18.86	18.62		
20	QPSK	1	49	18.74	18.78	18.75	20	0
20	QPSK	1	99	18.70	18.67	18.76		
20	QPSK	50	0	18.66	18.81	18.78		
20	QPSK	50	24	18.58	18.64	18.70	20	0
20	QPSK	50	50	18.68	18.69	18.58		
20	QPSK	100	0	18.70	18.76	18.70		
20	16QAM	1	0	18.59	18.66	18.57		
20	16QAM	1	49	18.77	18.79	18.59	20	0
20	16QAM	1	99	18.60	18.62	18.67		
20	16QAM	50	0	18.72	18.75	18.73		
20	16QAM	50	24	18.76	18.74	18.76	20	0
20	16QAM	50	50	18.68	18.76	18.68		
20	16QAM	100	0	18.65	18.62	18.55	

Band 12 Ant 4 DSI6

BW [MHz]	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	22.63	22.69	22.60	24	0
10	QPSK	1	25	22.55	22.57	22.59		
10	QPSK	6	49	22.54	22.63	22.62		
10	QPSK	25	0	21.55	21.58	21.49	23	1
10	QPSK	25	12	21.57	21.49	21.54		
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	22.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56	23	1
10	16QAM	1	25	21.77	21.69	21.67		
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81	22	2
10	16QAM	25	12	20.64	20.58	20.59		
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46	22	2
10	64QAM	1	25	20.62	20.60	20.66		
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53	21	3
10	64QAM	25	12	19.49	19.47	19.57		
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64	19	5
10	256QAM	1	25	17.56	17.53	17.55		
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50	19	5
10	256QAM	25	12	17.42	17.41	17.41		
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.59	22.53	24	0
5	QPSK	1	12	22.41	22.51	22.52		
5	QPSK	1	24	22.49	22.49	22.51		
5	QPSK	12	0	21.37	21.46	21.45	23	1
5	QPSK	12	7	21.51	21.45	21.51		
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52	23	1
5	16QAM	1	12	21.65	21.57	21.57		
5	16QAM	1	24	21.66	21.63	21.36		
5	16QAM	12	0	20.59	20.58	20.65	22	2
5	16QAM	12	7	20.50	20.41	20.53		
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28	22	2
5	64QAM	1	12	20.46	20.41	20.65		
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45	21	3
5	64QAM	12	7	19.30	19.40	19.52		
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52	19	5
5	256QAM	1	12	17.52	17.40	17.52		
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46	19	5
5	256QAM	12	7	17.37	17.35	17.30		
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.51	22.63	22.54	24	0
3	QPSK	1	8	22.46	22.52	22.41		
3	QPSK	1	14	22.53	22.45	22.53		
3	QPSK	8	0	21.47	21.43	21.37	23	1
3	QPSK	8	4	21.56	21.35	21.43		
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50	23	1
3	16QAM	1	8	21.74	21.54	21.55		
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65	22	2
3	16QAM	8	4	20.51	20.56	20.50		
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35	22	2
3	64QAM	1	8	20.57	20.52	20.50		
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41	21	3
3	64QAM	8	4	19.31	19.34	19.52		
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52	19	5
3	256QAM	1	8	17.39	17.40	17.48		
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38	19	5
3	256QAM	8	4	17.36	17.29	17.38		
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.53	22.53	24	0
1.4	QPSK	1	3	22.42	22.38	22.46		
1.4	QPSK	1	5	22.50	22.52	22.46		
1.4	QPSK	3	0	22.61	22.68	22.58		
1.4	QPSK	3	1	22.54	22.44	22.48		
1.4	QPSK	3	3	22.49	22.55	22.55		
1.4	QPSK	6	0	21.35	21.45	21.43	23	1
1.4	16QAM	1	0	21.40	21.37	21.47	23	1
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38		
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	2
1.4	64QAM	1	0	20.43	20.56	20.27	22	2
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43		
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	3
1.4	256QAM	1	0	17.46	17.39	17.55	19	5
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36		
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	5

Band 12 Ant 4 DSI6 sig path：300

BW [MHz]	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	22.88	22.92	22.85	24	0
10	QPSK	1	25	22.83	22.78	22.90		
10	QPSK	6	49	22.78	22.84	22.91		
10	QPSK	25	0	22.85	22.89	22.88	23	1
10	QPSK	25	12	22.83	22.80	22.76		
10	QPSK	25	25	22.78	22.82	22.77		
10	QPSK	50	0	22.79	22.87	22.83		
10	16QAM	1	0	21.99	22.03	21.83	23	1
10	16QAM	1	25	22.02	21.92	21.89		
10	16QAM	1	49	21.92	21.96	21.89		
10	16QAM	25	0	20.99	20.87	21.09	22	2
10	16QAM	25	12	20.84	20.90	20.87		
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.91	20.96	20.65	22	2
10	64QAM	1	25	20.92	20.81	20.87		
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81	21	3
10	64QAM	25	12	19.75	19.68	19.81		
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82	19	5
10	256QAM	1	25	17.73	17.81	17.73		
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71	19	5
10	256QAM	25	12	17.68	17.64	17.65		
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.82	22.80	22.76	24	0
5	QPSK	1	12	22.75	22.76	22.87		
5	QPSK	1	24	22.72	22.79	22.88		
5	QPSK	12	0	22.79	22.85	22.77	23	1
5	QPSK	12	7	22.78	22.76	22.67		
5	QPSK	12	13	22.61	22.70	22.62		
5	QPSK	25	0	22.65	22.81	22.70		
5	16QAM	1	0	21.86	21.96	21.75	23	1
5	16QAM	1	12	21.99	21.87	21.77		
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94	22	2
5	16QAM	12	7	20.78	20.65	20.82		
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.70		
5	64QAM	1	0	20.79	20.87	20.51	22	2
5	64QAM	1	12	20.76	20.67	20.83		
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74	21	3
5	64QAM	12	7	19.62	19.60	19.66		
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73	19	5
5	256QAM	1	12	17.67	17.64	17.68		
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66	19	5
5	256QAM	12	7	17.52	17.59	17.57		
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.80	22.75	22.75	24	0
3	QPSK	1	8	22.70	22.76	22.76		
3	QPSK	1	14	22.70	22.79	22.87		
3	QPSK	8	0	22.78	22.85	22.85	23	1
3	QPSK	8	4	22.70	22.64	22.63		
3	QPSK	8	7	22.72	22.66	22.60		
3	QPSK	15	0	22.71	22.71	22.81		
3	16QAM	1	0	21.82	21.91	21.81	23	1
3	16QAM	1	8	21.84	21.89	21.77		
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03	22	2
3	16QAM	8	4	20.81	20.65	20.75		
3	16QAM	8	7	20.60	20.67	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51	22	2
3	64QAM	1	8	20.79	20.70	20.72		
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65	21	3
3	64QAM	8	4	19.72	19.54	19.74		
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71	19	5
3	256QAM	1	8	17.68	17.75	17.70		
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64	19	5
3	256QAM	8	4	17.61	17.56	17.60		
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.87	22.78	22.82	24	0
1.4	QPSK	1	3	22.71	22.62	22.79		
1.4	QPSK	1	5	22.77	22.84	22.76		
1.4	QPSK	3	0	22.88	22.85	22.80		
1.4	QPSK	3	1	22.80	22.61	22.70		
1.4	QPSK	3	3	22.78	22.79	22.84		
1.4	QPSK	6	0	21.60	21.69	21.63	23	1
1.4	16QAM	1	0	21.62	21.62	21.76	23	1
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71		
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	2
1.4	64QAM	1	0	20.72	20.79	20.53	22	2
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71		
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	3
1.4	256QAM	1	0	17.78	17.65	17.81	19	5
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68		
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	5

Band 13 Ant 4 DSI6

BW [MHz]	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		22.78		24	0
10	QPSK	1	25		22.65			
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.72		23	1
10	QPSK	25	12		21.68			
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.85		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.81			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.64			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68		22	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.46			
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.39			
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63		19	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.71	22.67	24	0
5	QPSK	1	12	22.61	22.56	22.57		
5	QPSK	1	24	22.57	22.55	22.50		
5	QPSK	12	0	21.63	21.60	21.62	23	1
5	QPSK	12	7	21.61	21.54	21.58		
5	QPSK	12	13	21.51	21.55	21.52		
5	QPSK	25	0	21.52	21.52	21.55		
5	16QAM	1	0	21.72	21.71	21.76	23	1
5	16QAM	1	12	21.63	21.64	21.73		
5	16QAM	1	24	21.68	21.74	21.69		
5	16QAM	12	0	20.63	20.55	20.58	22	2
5	16QAM	12	7	20.53	20.51	20.55		
5	16QAM	12	13	20.51	20.54	20.58		
5	16QAM	25	0	20.43	20.40	20.40		
5	64QAM	1	0	20.61	20.58	20.54	22	2
5	64QAM	1	12	20.46	20.41	20.40		
5	64QAM	1	24	20.53	20.47	20.45		
5	64QAM	12	0	19.47	19.39	19.40	21	3
5	64QAM	12	7	19.38	19.41	19.35		
5	64QAM	12	13	19.35	19.39	19.43		
5	64QAM	25	0	19.54	19.49	19.46		
5	256QAM	1	0	17.30	17.39	17.35	19	5
5	256QAM	1	12	17.34	17.32	17.29		
5	256QAM	1	24	17.23	17.20	17.25		
5	256QAM	12	0	17.57	17.57	17.53	19	5
5	256QAM	12	7	17.47	17.43	17.42		
5	256QAM	12	13	17.40	17.33	17.42		
5	256QAM	25	0	17.37	17.36	17.36		

Band 13 Ant 4 DSI6 sig path：378

BW [MHz]	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		22.51		24	0
10	QPSK	1	25		22.50			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.45			
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.47			
10	16QAM	1	0		21.69		23	1
10	16QAM	1	25		21.52			
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.49		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.35			
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29		21	3
10	64QAM	25	12		19.29			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25		19	5
10	256QAM	1	25		17.22			
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36		19	5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.45	22.36	24	0
5	QPSK	1	12	22.46	22.39	22.41		
5	QPSK	1	24	22.27	22.32	22.29		
5	QPSK	12	0	21.40	21.39	21.37	23	1
5	QPSK	12	7	21.40	21.39	21.36		
5	QPSK	12	13	21.32	21.29	21.32		
5	QPSK	25	0	21.34	21.34	21.38		
5	16QAM	1	0	21.54	21.61	21.62	23	1
5	16QAM	1	12	21.47	21.42	21.43		
5	16QAM	1	24	21.56	21.49	21.56		
5	16QAM	12	0	20.44	20.35	20.34	22	2
5	16QAM	12	7	20.35	20.32	20.28		
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37	22	2
5	64QAM	1	12	20.24	20.29	20.30		
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22	21	3
5	64QAM	12	7	19.13	19.24	19.19		
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20	19	5
5	256QAM	1	12	17.16	17.12	17.13		
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26	19	5
5	256QAM	12	7	17.23	17.22	17.31		
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.81		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.77		23	1
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.74	22.69	22.67	24	0
5	QPSK	1	12	22.74	22.70	22.75		
5	QPSK	1	24	22.66	22.66	22.83		
5	QPSK	12	0	21.70	21.73	21.66	23	1
5	QPSK	12	7	21.56	21.65	21.56		
5	QPSK	12	13	21.61	21.60	21.68		
5	QPSK	25	0	21.58	21.57	21.54		
5	16QAM	1	0	21.97	21.96	21.91	23	1
5	16QAM	1	12	21.98	21.93	21.91		
5	16QAM	1	24	21.88	21.91	21.83		
5	16QAM	12	0	20.46	20.48	20.43	22	2
5	16QAM	12	7	20.51	20.57	20.50		
5	16QAM	12	13	20.51	20.45	20.49		
5	16QAM	25	0	20.37	20.42	20.45		
5	64QAM	1	0	20.80	20.77	20.81	22	2
5	64QAM	1	12	20.61	20.70	20.66		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.50	19.49	19.55	21	3
5	64QAM	12	7	19.54	19.54	19.60		
5	64QAM	12	13	19.48	19.51	19.56		
5	64QAM	25	0	19.39	19.37	19.38		
5	256QAM	1	0	17.59	17.48	17.58	19	5
5	256QAM	1	12	17.52	17.48	17.51		
5	256QAM	1	24	17.54	17.52	17.44		
5	256QAM	12	0	17.64	17.57	17.65	19	5
5	256QAM	12	7	17.54	17.55	17.59		
5	256QAM	12	13	17.58	17.66	17.58		
5	256QAM	25	0	17.63	17.59	17.59		

Band 14 Ant 4 DSI6 sig path：381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.71			
10	QPSK	1	49		22.62			
10	QPSK	25	0		21.71		23	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	2
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.61	22.67	22.67	24	0
5	QPSK	1	12	22.66	22.57	22.64		
5	QPSK	1	24	22.48	22.54	22.49		
5	QPSK	12	0	21.63	21.63	21.57	23	1
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	1
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	2
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.36	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	2
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	3
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

Band 66 Ant 4 DSI6

BW [MHz]	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	19.68	19.99	19.76	21	0
20	QPSK	1	49	19.74	19.89	19.86		
20	QPSK	1	99	19.97	19.88	19.80		
20	QPSK	50	0	19.67	19.96	19.91		
20	QPSK	50	24	19.62	19.78	19.88		
20	QPSK	50	50	19.71	19.72	19.91		
20	QPSK	100	0	19.97	19.88	19.80		
20	16QAM	1	0	19.81	19.80	19.88	21	0
20	16QAM	1	49	19.90	19.91	19.81		
20	16QAM	1	99	19.66	19.81	19.87		
20	16QAM	50	0	19.97	19.84	19.73		
20	16QAM	50	24	19.71	19.76	19.76		
20	16QAM	50	50	19.79	19.92	19.79		
20	16QAM	100	0	19.69	19.73	19.77		
20	64QAM	1	0	19.83	19.92	19.75	21	0
20	64QAM	1	49	19.68	19.89	19.71		
20	64QAM	1	99	19.73	19.76	19.71		
20	64QAM	50	0	18.88	18.74	18.77	20	1
20	64QAM	50	24	18.58	18.54	18.75		
20	64QAM	50	50	18.62	18.65	18.73		
20	64QAM	100	0	18.67	18.65	18.83		
20	256QAM	1	0	16.62	16.84	16.61	18	3
20	256QAM	1	49	16.74	16.84	16.80		
20	256QAM	1	99	16.74	16.69	16.79		
20	256QAM	50	0	16.56	16.68	16.53	18	3
20	256QAM	50	24	16.56	16.72	16.64		
20	256QAM	50	50	16.52	16.52	16.45		
20	256QAM	100	0	16.62	16.61	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.59	19.86	19.66	21	0
15	QPSK	1	37	19.80	19.72	19.53		
15	QPSK	1	74	19.57	19.75	19.67		
15	QPSK	36	0	19.61	19.83	19.82	21	0
15	QPSK	36	20	19.55	19.73	19.81		
15	QPSK	36	39	19.64	19.62	19.83		
15	QPSK	75	0	19.54	19.79	19.69		
15	16QAM	1	0	19.67	19.72	19.81	21	0
15	16QAM	1	37	19.84	19.79	19.68		
15	16QAM	1	74	19.55	19.74	19.74		
15	16QAM	36	0	19.57	19.71	19.59	21	0
15	16QAM	36	20	19.62	19.67	19.62		
15	16QAM	36	39	19.73	19.82	19.71		
15	16QAM	75	0	19.58	19.68	19.65		
15	64QAM	1	0	19.78	19.82	19.62	21	0
15	64QAM	1	37	19.60	19.80	19.60		
15	64QAM	1	74	19.67	19.67	19.62		
15	64QAM	36	0	18.77	18.73	18.59	20	1
15	64QAM	36	20	18.46	18.46	18.57		
15	64QAM	36	39	18.59	18.51	18.64		
15	64QAM	75	0	18.62	18.59	18.83		
15	256QAM	1	0	16.45	16.77	16.60	18	3
15	256QAM	1	37	16.82	16.82	16.66		
15	256QAM	1	74	16.55	16.62	16.72		
15	256QAM	36	0	16.37	16.55	16.38	18	3
15	256QAM	36	20	16.51	16.54	16.56		
15	256QAM	36	39	16.36	16.44	16.26		
15	256QAM	75	0	16.51	16.54	16.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.62	19.89	19.70	21	0
10	QPSK	1	25	19.67	19.83	19.73		
10	QPSK	1	49	19.58	19.74	19.68		
10	QPSK	25	0	19.53	19.89	19.79	21	0
10	QPSK	25	12	19.56	19.70	19.82		
10	QPSK	25	25	19.64	19.59	19.78		
10	QPSK	50	0	19.62	19.76	19.69		
10	16QAM	1	0	19.68	19.74	19.82	21	0
10	16QAM	1	25	19.78	19.77	19.76		
10	16QAM	1	49	19.52	19.68	19.79		
10	16QAM	25	0	19.60	19.78	19.61	21	0
10	16QAM	25	12	19.63	19.68	19.64		
10	16QAM	25	25	19.67	19.86	19.65		
10	16QAM	50	0	19.63	19.60	19.62		
10	64QAM	1	0	19.70	19.83	19.61	21	0
10	64QAM	1	25	19.62	19.81	19.60		
10	64QAM	1	49	19.64	19.68	19.58		
10	64QAM	25	0	18.82	18.72	18.58	20	1
10	64QAM	25	12	18.53	18.52	18.75		
10	64QAM	25	25	18.57	18.46	18.65		
10	64QAM	50	0	18.61	18.58	18.71		
10	256QAM	1	0	16.52	16.79	16.57	18	3
10	256QAM	1	25	16.63	16.66	16.61		
10	256QAM	1	49	16.71	16.54	16.72		
10	256QAM	25	0	16.54	16.54	16.43	18	3
10	256QAM	25	12	16.55	16.70	16.63		
10	256QAM	25	25	16.48	16.48	16.29		
10	256QAM	50	0	16.54	16.48	16.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.57	19.93	19.66	21	0
5	QPSK	1	12	19.64	19.78	19.73		
5	QPSK	1	24	19.58	19.76	19.72		
5	QPSK	12	0	19.60	19.89	19.82	21	0
5	QPSK	12	7	19.49	19.70	19.73		
5	QPSK	12	13	19.60	19.59	19.79		
5	QPSK	25	0	19.56	19.80	19.69		
5	16QAM	1	0	19.75	19.67	19.81	21	0
5	16QAM	1	12	19.82	19.79	19.69		
5	16QAM	1	24	19.61	19.68	19.73		
5	16QAM	12	0	19.62	19.78	19.61	21	0
5	16QAM	12	7	19.58	19.64	19.70		
5	16QAM	12	13	19.72	19.78	19.68		
5	16QAM	25	0	19.55	19.60	19.65		
5	64QAM	1	0	19.76	19.83	19.68	21	0
5	64QAM	1	12	19.62	19.74	19.61		
5	64QAM	1	24	19.61	19.70	19.63		
5	64QAM	12	0	18.74	18.54	18.71	20	1
5	64QAM	12	7	18.53	18.39	18.60		
5	64QAM	12	13	18.51	18.61	18.55		
5	64QAM	25	0	18.58	18.47	18.71		
5	256QAM	1	0	16.58	16.83	16.52	18	3
5	256QAM	1	12	16.63	16.81	16.67		
5	256QAM	1	24	16.63	16.49	16.63		
5	256QAM	12	0	16.52	16.55	16.53	18	3
5	256QAM	12	7	16.40	16.67	16.46		
5	256QAM	12	13	16.48	16.41	16.36		
5	256QAM	25	0	16.43	16.46	16.39		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.60	19.92	19.68	21	0
3	QPSK	1	8	19.64	19.77	19.76		
3	QPSK	1	14	19.55	19.80	19.74		
3	QPSK	8	0	19.61	19.84	19.77	21	0
3	QPSK	8	4	19.55	19.63	19.79		
3	QPSK	8	7	19.57	19.58	19.80		
3	QPSK	15	0	19.59	19.77	19.66		
3	16QAM	1	0	19.70	19.65	19.76	21	0
3	16QAM	1	8	19.85	19.77	19.70		
3	16QAM	1	14	19.53	19.73	19.75		
3	16QAM	8	0	19.60	19.75	19.64	21	0
3	16QAM	8	4	19.60	19.64	19.68		
3	16QAM	8	7	19.68	19.78	19.69		
3	16QAM	15	0	19.60	19.61	19.62		
3	64QAM	1	0	19.75	19.83	19.69	21	0
3	64QAM	1	8	19.63	19.80	19.66		
3	64QAM	1	14	19.66	19.69	19.61		
3	64QAM	8	0	18.85	18.67	18.75	20	1
3	64QAM	8	4	18.58	18.49	18.67		
3	64QAM	8	7	18.42	18.61	18.57		
3	64QAM	15	0	18.66	18.55	18.82		
3	256QAM	1	0	16.45	16.75	16.45	18	3
3	256QAM	1	8	16.59	16.80	16.77		
3	256QAM	1	14	16.71	16.57	16.66		
3	256QAM	8	0	16.45	16.48	16.44	18	3
3	256QAM	8	4	16.50	16.58	16.46		
3	256QAM	8	7	16.33	16.33	16.31		
3	256QAM	15	0	16.59	16.55	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.61	19.88	19.67	21	0
1.4	QPSK	1	3	19.59	19.84	19.72		
1.4	QPSK	1	5	19.56	19.82	19.67		
1.4	QPSK	3	0	19.62	19.86	19.82		
1.4	QPSK	3	1	19.48	19.73	19.81		
1.4	QPSK	3	3	19.66	19.65	19.78		
1.4	QPSK	6	0	19.54	19.82	19.71	21	0
1.4	16QAM	1	0	19.66	19.68	19.74	21	0
1.4	16QAM	1	3	19.85	19.76	19.72		
1.4	16QAM	1	5	19.56	19.72	19.79		
1.4	16QAM	3	0	19.56	19.78	19.59		
1.4	16QAM	3	1	19.60	19.61	19.64		
1.4	16QAM	3	3	19.66	19.83	19.69		
1.4	16QAM	6	0	19.55	19.62	19.62	21	0
1.4	64QAM	1	0	19.75	19.78	19.68	21	0
1.4	64QAM	1	3	19.61	19.76	19.65		
1.4	64QAM	1	5	19.61	19.64	19.62		
1.4	64QAM	3	0	19.58	19.84	19.66		
1.4	64QAM	3	1	19.69	19.82	19.75		
1.4	64QAM	3	3	19.62	19.73	19.74		
1.4	64QAM	6	0	18.73	18.72	18.71	20	1
1.4	256QAM	1	0	16.61	16.65	16.45	18	3
1.4	256QAM	1	3	16.58	16.78	16.78		
1.4	256QAM	1	5	16.67	16.65	16.76		
1.4	256QAM	3	0	16.52	16.63	16.35		
1.4	256QAM	3	1	16.42	16.57	16.58		
1.4	256QAM	3	3	16.43	16.41	16.37		
1.4	256QAM	6	0	16.44	16.43	16.32	18	3

Band 66 Ant 4 DSI6 sig path：354

BW [MHz]	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	19.56	19.86	19.80	21	0
20	QPSK	1	49	19.50	19.75	19.38		
20	QPSK	1	99	19.62	19.76	19.51		
20	QPSK	50	0	19.73	19.83	19.71		
20	QPSK	50	24	19.66	19.76	19.59	21	0
20	QPSK	50	50	19.45	19.56	19.65		
20	QPSK	100	0	19.58	19.79	19.67		
20	16QAM	1	0	19.64	19.75	19.41	21	0
20	16QAM	1	49	19.53	19.74	19.45		
20	16QAM	1	99	19.66	19.57	19.59		
20	16QAM	50	0	19.56	19.76	19.57	21	0
20	16QAM	50	24	19.59	19.63	19.59		
20	16QAM	50	50	19.51	19.66	19.53		
20	16QAM	100	0	19.56	19.64	19.49		
20	64QAM	1	0	19.49	19.70	19.43	21	0
20	64QAM	1	49	19.56	19.70	19.55		
20	64QAM	1	99	19.66	19.74	19.45		
20	64QAM	50	0	18.53	18.50	18.44	20	1
20	64QAM	50	24	18.35	18.22	18.39		
20	64QAM	50	50	18.39	18.40	18.41		
20	64QAM	100	0	18.42	18.32	18.58		
20	256QAM	1	0	16.25	16.62	16.26	18	3
20	256QAM	1	49	16.49	16.60	16.52		
20	256QAM	1	99	16.43	16.33	16.45		
20	256QAM	50	0	16.18	16.43	16.18	18	3
20	256QAM	50	24	16.32	16.37	16.35		
20	256QAM	50	50	16.23	16.17	16.07		
20	256QAM	100	0	16.36	16.28	16.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.42	19.75	19.74	21	0
15	QPSK	1	37	19.50	19.80	19.53		
15	QPSK	1	74	19.45	19.67	19.41		
15	QPSK	36	0	19.64	19.74	19.57	21	0
15	QPSK	36	20	19.51	19.70	19.44		
15	QPSK	36	39	19.40	19.58	19.58		
15	QPSK	75	0	19.50	19.64	19.54		
15	16QAM	1	0	19.53	19.69	19.33	21	0
15	16QAM	1	37	19.48	19.65	19.37		
15	16QAM	1	74	19.43	19.45	19.45		
15	16QAM	36	0	19.47	19.67	19.47	21	0
15	16QAM	36	20	19.51	19.53	19.50		
15	16QAM	36	39	19.43	19.56	19.47		
15	16QAM	75	0	19.50	19.59	19.34		
15	64QAM	1	0	19.61	19.58	19.31	21	0
15	64QAM	1	37	19.42	19.65	19.41		
15	64QAM	1	74	19.59	19.61	19.36		
15	64QAM	36	0	18.47	18.36	18.37	20	1
15	64QAM	36	20	18.35	18.28	18.28		
15	64QAM	36	39	18.33	18.25	18.32		
15	64QAM	75	0	18.38	18.24	18.53		
15	256QAM	1	0	16.21	16.45	16.14	18	3
15	256QAM	1	37	16.37	16.39	16.39		
15	256QAM	1	74	16.26	16.27	16.37		
15	256QAM	36	0	16.08	16.26	16.14	18	3
15	256QAM	36	20	16.30	16.24	16.32		
15	256QAM	36	39	16.16	16.08	16.03		
15	256QAM	75	0	16.31	16.14	16.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.46	19.72	19.66	21	0
10	QPSK	1	25	19.36	19.63	19.26		
10	QPSK	1	49	19.39	19.63	19.38		
10	QPSK	25	0	19.66	19.75	19.58	21	0
10	QPSK	25	12	19.58	19.65	19.90		
10	QPSK	25	25	19.31	19.48	19.60		
10	QPSK	50	0	19.50	19.70	19.58		
10	16QAM	1	0	19.54	19.64	19.27	21	0
10	16QAM	1	25	19.45	19.69	19.36		
10	16QAM	1	49	19.51	19.44	19.47		
10	16QAM	25	0	19.44	19.62	19.50	21	0
10	16QAM	25	12	19.47	19.58	19.52		
10	16QAM	25	25	19.44	19.54	19.46		
10	16QAM	50	0	19.49	19.50	19.37		
10	64QAM	1	0	19.58	19.63	19.38	21	0
10	64QAM	1	25	19.48	19.65	19.46		
10	64QAM	1	49	19.56	19.64	19.32		
10	64QAM	25	0	18.49	18.41	18.30	20	1
10	64QAM	25	12	18.18	18.13	18.30		
10	64QAM	25	25	18.31	18.31	18.23		
10	64QAM	50	0	18.29	18.25	18.46		
10	256QAM	1	0	16.12	16.47	16.10	18	3
10	256QAM	1	25	16.32	16.56	16.47		
10	256QAM	1	49	16.31	16.16	16.30		
10	256QAM	25	0	16.00	16.34	16.12	18	3
10	256QAM	25	12	16.24	16.34	16.25		
10	256QAM	25	25	16.16	16.12	16.12		
10	256QAM	50	0	16.

Reduced Power Mode for Main PA DSI7 Standalone

GSM850 Ant 0 DSI7

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
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	30.07	30.30	30.19	31.00	21.07	21.30	21.19	22.00	0.25
GPRS 1 Tx slot	30.05	30.27	30.18	31.00	21.05	21.27	21.18	22.00	
GPRS 2 Tx slots	27.93	28.20	27.88	29.50	21.93	22.20	21.88	23.50	0.32
GPRS 3 Tx slots	25.91	26.16	25.87	27.50	21.65	21.90	21.61	23.24	0.29
GPRS 4 Tx slots	24.26	24.54	24.06	25.50	21.26	21.54	21.06	22.50	0.48
EDGE 1 Tx slot	26.62	26.45	26.66	28.00	17.62	17.45	17.66	19.00	0.21
EDGE 2 Tx slots	24.65	24.65	24.55	26.00	18.65	18.65	18.55	20.00	0.10
EDGE 3 Tx slots	22.61	22.88	22.59	24.00	18.35	18.62	18.33	19.74	0.29
EDGE 4 Tx slots	20.55	20.67	20.56	22.00	17.55	17.67	17.56	19.00	0.12

GSM1900 Ant 0 DSI7

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	24.75	24.66	24.58	26.00	15.75	15.66	15.58	17.00	0.20
GPRS 1 Tx slot	24.75	24.63	24.55	26.00	15.75	15.63	15.55	17.00	
GPRS 2 Tx slots	23.03	23.09	22.87	24.00	17.03	17.09	16.87	18.00	0.22
GPRS 3 Tx slots	21.24	20.80	21.01	22.00	16.98	16.54	16.75	17.74	0.44
GPRS 4 Tx slots	18.86	18.83	18.87	20.00	15.86	15.83	15.87	17.00	0.04
EDGE 1 Tx slot	20.81	21.09	21.08	22.00	11.81	12.09	12.08	13.00	0.28
EDGE 2 Tx slots	18.81	19.19	18.96	20.00	12.81	13.19	12.96	14.00	0.38
EDGE 3 Tx slots	17.04	17.27	17.12	18.00	12.78	13.01	12.86	13.74	0.23
EDGE 4 Tx slots	15.01	15.17	15.15	16.00	12.01	12.17	12.15	13.00	0.16

WCDMA II Ant 0 DSI7

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.54	14.53	14.41	15.50	16.20	16.13	16.24	17.50	21.65	21.72	21.69	22.50
3GPP Rel 99	RMC 12.2Kbps	14.52	14.57	14.45	15.50	16.22	16.32	16.28	17.50	21.70	21.76	21.72	22.50
3GPP Rel 6	HSDPA Subtest-1	13.63	13.66	13.54	14.50	15.19	15.12	15.22	16.50	20.59	20.76	20.83	21.50
3GPP Rel 6	HSDPA Subtest-2	13.43	13.55	13.56	14.50	15.09	15.17	15.26	16.50	20.61	20.76	20.61	21.50
3GPP Rel 6	HSDPA Subtest-3	13.13	13.07	13.01	14.00	14.56	14.71	14.61	16.00	20.09	20.14	20.09	21.00
3GPP Rel 6	HSDPA Subtest-4	13.09	13.15	13.03	14.00	14.74	14.62	14.66	16.00	20.21	20.26	20.11	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	13.42	13.65	13.57	14.50	15.06	15.18	15.04	16.50	20.63	20.68	20.59	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	13.38	13.55	13.35	14.50	15.00	15.26	14.91	16.50	20.54	20.74	20.48	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	12.99	13.09	13.03	14.00	14.67	14.71	14.67	16.00	20.11	20.33	20.21	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	13.06	12.97	13.03	14.00	14.66	14.71	14.63	16.00	20.16	20.07	20.02	21.00
3GPP Rel 6	HSUPA Subtest-1	13.43	13.66	13.38	14.50	15.11	15.18	15.09	16.50	20.48	20.65	20.67	21.50
3GPP Rel 6	HSUPA Subtest-2	11.42	11.47	11.49	12.50	12.95	13.10	12.95	14.50	18.46	18.62	18.32	19.50
3GPP Rel 6	HSUPA Subtest-3	12.54	12.66	12.59	13.50	14.21	14.35	14.23	15.50	19.73	19.69	19.59	20.50
3GPP Rel 6	HSUPA Subtest-4	11.49	11.54	11.49	12.50	13.07	13.32	13.16	14.50	18.72	18.83	18.68	19.50
3GPP Rel 6	HSUPA Subtest-5	13.43	13.44	13.49	14.50	15.05	15.19	15.07	16.50	20.58	20.69	20.67	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	10.96	11.05	10.89	12.00	12.61	12.78	12.40	14.00	18.11	18.17	17.97	19.00

Band 2 Ant 0 DSI7

BW [MHz]	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	15.09	15.15	15.10	16.5	0
20	QPSK	1	49	15.02	15.00	15.04		
20	QPSK	1	99	15.01	15.04	15.14		
20	QPSK	50	0	14.95	15.11	15.00		
20	QPSK	50	24	15.05	15.10	15.05		
20	QPSK	50	50	15.05	15.04	15.07		
20	QPSK	100	0	15.07	15.09	15.06		
20	16QAM	1	0	15.00	14.99	15.08		
20	16QAM	1	49	14.98	15.03	15.14	16.5	0
20	16QAM	1	99	15.03	15.10	15.10		
20	16QAM	50	0	14.99	15.03	15.01		
20	16QAM	50	24	15.09	14.99	15.14	16.5	0
20	16QAM	50	50	15.01	15.06	15.05		
20	16QAM	100	0	15.07	15.06	15.03		
20	64QAM	1	0	15.08	15.06	14.98		
20	64QAM	1	49	15.00	15.02	15.07	16.5	0
20	64QAM	1	99	14.96	15.00	14.99		
20	64QAM	50	0	15.10	15.03	15.05		
20	64QAM	50	24	15.02	15.07	15.09	16.5	0
20	64QAM	50	50	15.05	14.98	15.14		
20	64QAM	100	0	15.00	14.98	15.07		
20	256QAM	1	0	15.07	15.02	15.00		
20	256QAM	1	49	14.98	15.09	15.02	16.5	0
20	256QAM	1	99	15.08	15.04	14.96		
20	256QAM	50	0	14.96	15.05	15.05		
20	256QAM	50	24	15.00	15.04	15.06	16.5	0
20	256QAM	50	50	15.05	15.12	15.09		
20	256QAM	100	0	15.10	14.96	15.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.98	15.02	15.00	16.5	0
15	QPSK	1	37	14.94	14.96	15.03		
15	QPSK	1	74	14.81	15.02	15.03		
15	QPSK	36	0	14.79	15.11	14.82		
15	QPSK	36	20	14.99	14.93	14.94		
15	QPSK	36	39	14.96	14.99	14.91		
15	QPSK	75	0	14.88	14.92	14.89		
15	16QAM	1	0	14.85	14.83	14.99		
15	16QAM	1	37	14.81	15.00	14.94	16.5	0
15	16QAM	1	74	15.00	14.91	14.98		
15	16QAM	36	0	14.82	14.89	14.90		
15	16QAM	36	20	14.97	14.98	15.10	16.5	0
15	16QAM	36	39	14.90	14.95	15.02		
15	16QAM	75	0	14.90	14.92	14.90		
15	64QAM	1	0	15.05	15.01	14.79		
15	64QAM	1	37	14.88	14.86	15.06	16.5	0
15	64QAM	1	74	14.89	14.96	14.90		
15	64QAM	36	0	14.95	14.99	14.87		
15	64QAM	36	20	14.94	15.00	15.00	16.5	0
15	64QAM	36	39	15.00	14.89	15.10		
15	64QAM	75	0	14.89	14.92	15.03		
15	256QAM	1	0	14.93	14.84	14.99		
15	256QAM	1	37	14.90	14.97	15.03	16.5	0
15	256QAM	1	74	14.92	14.88	14.88		
15	256QAM	36	0	14.93	14.92	14.93		
15	256QAM	36	20	14.93	14.89	14.90	16.5	0
15	256QAM	36	39	14.91	14.96	14.94		
15	256QAM	75	0	14.93	14.88	14.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.06	15.09	15.03	16.5	0
10	QPSK	1	25	14.98	14.86	15.04		
10	QPSK	1	49	15.00	14.96	15.06		
10	QPSK	25	0	14.87	15.11	14.97		
10	QPSK	25	12	14.99	14.93	14.89		
10	QPSK	25	25	14.93	14.96	14.91		
10	QPSK	50	0	14.90	14.94	14.87		
10	16QAM	1	0	14.81	14.83	14.89		
10	16QAM	1	25	14.96	14.99	15.09	16.5	0
10	16QAM	1	49	14.84	15.00	15.10		
10	16QAM	25	0	14.84	14.94	14.83		
10	16QAM	25	12	14.90	14.85	15.05		
10	16QAM	25	25	14.94	14.96	14.92	16.5	0
10	16QAM	50	0	14.89	14.89	14.91		
10	64QAM	1	0	14.97	14.93	14.89		
10	64QAM	1	25	14.85	14.83	15.05	16.5	0
10	64QAM	1	49	14.78	14.98	14.87		
10	64QAM	25	0	14.91	14.93	14.95		
10	64QAM	25	12	14.84	14.87	14.98	16.5	0
10	64QAM	25	25	14.92	14.87	14.95		
10	64QAM	50	0	15.00	14.84	14.94		
10	256QAM	1	0	14.92	14.83	14.94		
10	256QAM	1	25	14.94	14.95	14.90	16.5	0
10	256QAM	1	49	15.05	15.01	14.78		
10	256QAM	25	0	14.86	14.90	14.94		
10	256QAM	25	12	14.90	14.95	14.89	16.5	0
10	256QAM	25	25	14.92	15.09	14.89		
10	256QAM	50	0	15.03	14.80	14.97		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.97	15.06	15.00	16.5	0
5	QPSK	1	12	14.87	14.98	15.00		
5	QPSK	1	24	14.97	14.97	15.09		
5	QPSK	12	0	14.93	14.96	14.91		
5	QPSK	12	7	14.94	15.10	14.89	16.5	0
5	QPSK	12	13	14.96	14.98	15.01		
5	QPSK	25	0	14.94	14.98	14.98		
5	16QAM	1	0	14.94	14.95	15.06		
5	16QAM	1	12	14.80	14.86	15.12	16.5	0
5	16QAM	1	24	15.03	15.02	15.01		
5	16QAM	12	0	14.85	14.92	14.99		
5	16QAM	12	7	14.92	14.95	15.12	16.5	0
5	16QAM	12	13	14.92	14.94	15.05		
5	16QAM	25	0	14.89	15.02	15.01		
5	64QAM	1	0	15.04	14.90	14.91		
5	64QAM	1	12	14.98	14.87	14.92	16.5	0
5	64QAM	1	24	14.86	14.84	14.84		
5	64QAM	12	0	15.08	14.85	14.95		
5	64QAM	12	7	14.88	14.88	14.94	16.5	0
5	64QAM	12	13	14.92	14.82	15.09		
5	64QAM	25	0	14.88	14.94	14.97		
5	256QAM	1	0	15.04	14.92	14.97		
5	256QAM	1	12	14.96	14.93	14.90	16.5	0
5	256QAM	1	24	14.89	14.84	14.81		
5	256QAM	12	0	14.85	14.88	14.99		
5	256QAM	12	7	14.80	14.96	14.99	16.5	0
5	256QAM	12	13	15.00	15.07	15.06		
5	256QAM	25	0	15.05	14.80	14.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.07	15.06	14.93	16.5	0
3	QPSK	1	8	14.99	14.87	14.95		
3	QPSK	1	14	15.00	14.97	15.08		
3	QPSK	8	0	14.79	14.94	14.86		
3	QPSK	8	4	14.90	14.94	14.88	16.5	0
3	QPSK	8	7	14.99	15.01	14.94		
3	QPSK	15	0	14.94	15.07	14.97		
3	16QAM	1	0	14.96	14.90	15.06		
3	16QAM	1	8	14.88	14.84	15.10	16.5	0
3	16QAM	1	14	14.89	15.07	15.00		
3	16QAM	8	0	14.93	14.94	15.00		
3	16QAM	8	4	14.91	14.97	14.96	16.5	0
3	16QAM	8	7	14.99	14.93	14.86		
3	16QAM	15	0	14.98	14.96	14.83		
3	64QAM	1	0	15.04	14.96	14.92		
3	64QAM	1	8	14.92	14.84	14.96	16.5	0
3	64QAM	1	14	14.89	14.88	14.97		
3	64QAM	8	0	14.91	14.98	14.86		
3	64QAM	8	4	14.83	14.94	14.93	16.5	0
3	64QAM	8	7	14.96	14.79	15.13		
3	64QAM	15	0	14.83	14.91	15.00		
3	256QAM	1	0	15.03	14.87	14.87		
3	256QAM	1	8	14.80	14.90	14.86	16.5	0
3	256QAM	1	14	15.07	15.03	14.92		
3	256QAM	8	0	14.82	14.87	14.91		
3	256QAM	8	4	14.92	14.92	15.02	16.5	0
3	256QAM	8	7	14.91	15.06	14.91		
3	256QAM	15	0	15.07	14.92	15.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.00	15.01	15.05	16.5	0
1.4	QPSK	1	3	15.00	14.90	14.90		
1.4	QPSK	1	5	14.88	14.94	15.01		
1.4	QPSK	3	0	14.78	14.92	14.82		
1.4	QPSK	3	1	14.92	15.07	14.87		
1.4	QPSK	3	3	15.04	14.92	14.88		
1.4	QPSK	6	0	14.88	15.02	14.90	16.5	0
1.4	16QAM	1	0	14.91	14.94	15.00	16.5	0
1.4	16QAM	1	3	14.81	15.01	15.04		
1.4	16QAM	1	5	15.02	14.90	14.90		
1.4	16QAM	3	0	14.83	14.93	14.97		
1.4	16QAM	3	1	15.07	14.82	15.07		
1.4	16QAM	3	3	14.90	14.97	14.97		
1.4	16QAM	6	0	15.05	14.97	14.90	16.5	0
1.4	64QAM	1	0	14.97	15.00	14.97	16.5	0
1.4	64QAM	1	3	14.81	14.91	14.97		
1.4	64QAM	1	5	14.95	14.98	14.88		
1.4	64QAM	3	0	15.08	14.87	14.92		
1.4	64QAM	3	1	14.89	15.00	15.04		
1.4	64QAM	3	3	14.99	14.97	15.03		
1.4	64QAM	6	0	14.95	14.98	14.89	16.5	0
1.4	256QAM	1	0	14.93	14.97	14.85	16.5	0
1.4	256QAM	1	3	14.98	15.03	14.87		
1.4	256QAM	1	5	14.93	15.03	14.90		
1.4	256QAM	3	0	14.85	14.88	14.98		
1.4	256QAM	3	1	14.89	14.91	15.03		
1.4	256QAM	3	3	15.04	15.02	14.98		
1.4	256QAM	6	0	14.98	14.92	14.92	16.5	0

Band 2 Ant 0 DSI7 sig path: 347

BW [MHz]	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	15.68	15.74	15.61	16.5	0
20	QPSK	1	49	15.55	15.56	15.61		
20	QPSK	1	99	15.56	15.57	15.69		
20	QPSK	50	0	15.48	15.71	15.57		
20	QPSK	50	24	15.55	15.59	15.61		
20	QPSK	50	50	15.55	15.61	15.64		
20	QPSK	100	0	15.57	15.68	15.65		
20	16QAM	1	0	15.53	15.53	15.65		
20	16QAM	1	49	15.56	15.51	15.63	16.5	0
20	16QAM	1	99	15.57	15.64	15.61		
20	16QAM	50	0	15.47	15.54	15.56		
20	16QAM	50	24	15.66	15.55	15.70	16.5	0
20	16QAM	50	50	15.52	15.61	15.60		
20	16QAM	100	0	15.62	15.62	15.52		
20	64QAM	1	0	15.58	15.66	15.46		
20	64QAM	1	49	15.49	15.61	15.59	16.5	0
20	64QAM	1	99	15.45	15.48	15.49		
20	64QAM	50	0	15.62	15.56	15.54		
20	64QAM	50	24	15.53	15.63	15.58	16.5	0
20	64QAM	50	50	15.58	15.51	15.73		
20	64QAM	100	0	15.51	15.55	15.59		
20	256QAM	1	0	15.64	15.50	15.48		
20	256QAM	1	49	15.55	15.58	15.59	16.5	0
20	256QAM	1	99	15.59	15.52	15.48		
20	256QAM	50	0	15.55	15.58	15.55		
20	256QAM	50	24	15.59	15.53	15.65	16.5	0
20	256QAM	50	50	15.66	15.53	15.58		
20	256QAM	100	0	15.69	15.49	15.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.65	15.71	15.45	16.5	0
15	QPSK	1	37	15.44	15.56	15.59		
15	QPSK	1	74	15.41	15.38	15.63		
15	QPSK	36	0	15.36	15.59	15.50		
15	QPSK	36	20	15.49	15.42	15.47	16.5	0
15	QPSK	36	39	15.47	15.51	15.51		
15	QPSK	75	0	15.44	15.49	15.59		
15	16QAM	1	0	15.49	15.43	15.62		
15	16QAM	1	37	15.47	15.43	15.57	16.5	0
15	16QAM	1	74	15.40	15.44	15.46		
15	16QAM	36	0	15.49	15.45	15.56		
15	16QAM	36	20	15.51	15.49	15.60	16.5	0
15	16QAM	36	39	15.46	15.60	15.58		
15	16QAM	75	0	15.48	15.50	15.50		
15	64QAM	1	0	15.57	15.49	15.36		
15	64QAM	1	37	15.48	15.58	15.43	16.5	0
15	64QAM	1	74	15.39	15.40	15.45		
15	64QAM	36	0	15.50	15.48	15.39		
15	64QAM	36	20	15.51	15.51	15.53	16.5	0
15	64QAM	36	39	15.44	15.46	15.70		
15	64QAM	75	0	15.44	15.36	15.42		
15	256QAM	1	0	15.55	15.47	15.32		
15	256QAM	1	37	15.38	15.58	15.46	16.5	0
15	256QAM	1	74	15.42	15.47	15.47		
15	256QAM	36	0	15.40	15.39	15.53		
15	256QAM	36	20	15.55	15.44	15.60	16.5	0
15	256QAM	36	39	15.64	15.46	15.45		
15	256QAM	75	0	15.61	15.32	15.62		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.65	15.67	15.65	16.5	0
10	QPSK	1	25	15.48	15.56	15.56		
10	QPSK	1	49	15.49	15.42	15.68		
10	QPSK	25	0	15.46	15.58	15.45		
10	QPSK	25	12	15.47	15.57	15.61	16.5	0
10	QPSK	25	25	15.35	15.49	15.48		
10	QPSK	50	0	15.54	15.49	15.51		
10	16QAM	1	0	15.37	15.39	15.45		
10	16QAM	1	25	15.48	15.37	15.51	16.5	0
10	16QAM	1	49	15.39	15.47	15.56		
10	16QAM	25	0	15.54	15.39	15.48		
10	16QAM	25	12	15.55	15.43	15.63	16.5	0
10	16QAM	25	25	15.48	15.58	15.44		
10	16QAM	50	0	15.56	15.36	15.36		
10	64QAM	1	0	15.52	15.61	15.28		
10	64QAM	1	25	15.35	15.56	15.47	16.5	0
10	64QAM	1	49	15.42	15.46	15.42		
10	64QAM	25	0	15.57	15.45	15.52		
10	64QAM	25	12	15.45	15.57	15.52	16.5	0
10	64QAM	25	25	15.43	15.40	15.58		
10	64QAM	50	0	15.32	15.47	15.52		
10	256QAM	1	0	15.47	15.37	15.31		
10	256QAM	1	25	15.37	15.43	15.51	16.5	0
10	256QAM	1	49	15.53	15.46	15.44		
10	256QAM	25	0	15.38	15.53	15.47		
10	256QAM	25	12	15.51	15.47	15.64	16.5	0
10	256QAM	25	25	15.53	15.55	15.57		
10	256QAM	50	0	15.62	15.41	15.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.61	15.66	15.56	16.5	0
5	QPSK	1	12	15.43	15.50	15.43		
5	QPSK	1	24	15.50	15.44	15.62		
5	QPSK	12	0	15.30	15.69	15.40		
5	QPSK	12	7	15.48	15.55	15.58	16.5	0
5	QPSK	12	13	15.54	15.57	15.50		
5	QPSK	25	0	15.41	15.51	15.62		
5	16QAM	1	0	15.38	15.49	15.61		
5	16QAM	1	12	15.42	15.33	15.51	16.5	0
5	16QAM	1	24	15.51	15.63	15.46		
5	16QAM	12	0	15.43	15.43	15.55		
5	16QAM	12	7	15.61	15.52	15.50	16.5	0
5	16QAM	12	13	15.40	15.43	15.43		
5	16QAM	25	0	15.57	15.55	15.36		
5	64QAM	1	0	15.50	15.59	15.40		
5	64QAM	1	12	15.34	15.42	15.50	16.5	0
5	64QAM	1	24	15.32	15.31	15.32		
5	64QAM	12	0	15.43	15.46	15.42		
5	64QAM	12	7	15.36	15.51	15.53	16.5	0
5	64QAM	12	13	15.47	15.45	15.67		
5	64QAM	25	0	15.50	15.58	15.47		
5	256QAM	1	0	15.63	15.44	15.31		
5	256QAM	1	12	15.35	15.52	15.58	16.5	0
5	256QAM	1	24	15.42	15.35	15.28		
5	256QAM	12	0	15.46	15.39	15.39		
5	256QAM	12	7	15.54	15.48	15.59	16.5	0
5	256QAM	12	13	15.50	15.55	15.48		
5	256QAM	25	0	15.54	15.47	15.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.50	15.65	15.51	16.5	0
3	QPSK	1	8	15.54	15.37	15.45		
3	QPSK	1	14	15.45	15.40	15.64		
3	QPSK	8	0	15.39	15.64	15.44		
3	QPSK	8	4	15.47	15.52	15.56	16.5	0
3	QPSK	8	7	15.40	15.50	15.50		
3	QPSK	15	0	15.45	15.61	15.65		
3	16QAM	1	0	15.48	15.38	15.61		
3	16QAM	1	8	15.45	15.40	15.58	16.5	0
3	16QAM	1	14	15.57	15.50	15.50		
3	16QAM	8	0	15.50	15.49	15.55		
3	16QAM	8	4	15.56	15.44	15.59	16.5	0
3	16QAM	8	7	15.46	15.48	15.49		
3	16QAM	15	0	15.59	15.58	15.36		
3	64QAM	1	0	15.57	15.47	15.27		
3	64QAM	1	8	15.42	15.56	15.43	16.5	0
3	64QAM	1	14	15.34	15.43	15.39		
3	64QAM	8	0	15.45	15.45	15.38		
3	64QAM	8	4	15.38	15.62	15.61	16.5	0
3	64QAM	8	7	15.50	15.44	15.66		
3	64QAM	15	0	15.40	15.49	15.53		
3	256QAM	1	0	15.44	15.32	15.44		
3	256QAM	1	8	15.38	15.51	15.46	16.5	0
3	256QAM	1	14	15.50	15.54	15.33		
3	256QAM	8	0	15.41	15.39	15.37		
3	256QAM	8	4	15.42	15.48	15.62	16.5	0
3	256QAM	8	7	15.52	15.53	15.49		
3	256QAM	15	0	15.53	15.61	15.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.60	15.61	15.53	16.5	0
1.4	QPSK	1	3	15.52	15.36	15.52		
1.4	QPSK	1	5	15.46	15.40	15.54		
1.4	QPSK	3	0	15.33	15.59	15.41		
1.4	QPSK	3	1	15.47	15.39	15.52		
1.4	QPSK	3	3	15.38	15.56	15.58		
1.4	QPSK	6	0	15.46	15.53	15.61	16.5	0
1.4	16QAM	1	0	15.36	15.49	15.65	16.5	0
1.4	16QAM	1	3	15.53	15.41	15.52		
1.4	16QAM	1	5	15.37	15.48	15.53		
1.4	16QAM	3	0	15.38	15.46	15.51		
1.4	16QAM	3	1	15.62	15.52	15.68		
1.4	16QAM	3	3	15.37	15.61	15.57		
1.4	16QAM	6	0	15.45	15.49	15.39	16.5	0
1.4	64QAM	1	0	15.57	15.60	15.32	16.5	0
1.4	64QAM	1	3	15.34	15.47	15.52		
1.4	64QAM	1	5	15.29	15.40	15.35		
1.4	64QAM	3	0	15.61	15.46	15.48		
1.4	64QAM	3	1	15.52	15.59	15.61		
1.4	64QAM	3	3	15.43	15.41	15.56		
1.4	64QAM	6	0	15.43	15.45	15.41	16.5	0
1.4	256QAM	1	0	15.58	15.44	15.38	16.5	0
1.4	256QAM	1	3	15.52	15.57	15.57		
1.4	256QAM	1	5	15.47	15.39	15.41		
1.4	256QAM	3	0	15.54	15.42	15.37		
1.4	256QAM	3	1	15.49	15.45	15.64		
1.4	256QAM	3	3	15.58	15.43	15.47		
1.4	256QAM	6	0	15.66	15.49	15.56	16.5	0

Band 4 Ant 0 DSI7

BW [MHz]	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	16.60	16.72	16.65	18	0
20	QPSK	1	49	16.58	16.61	16.63		
20	QPSK	1	99	16.53	16.59	16.66		
20	QPSK	50	0	16.55	16.68	16.58		
20	QPSK	50	24	16.62	16.60	16.63		
20	QPSK	50	50	16.61	16.52	16.65		
20	QPSK	100	0	16.54	16.61	16.61		
20	16QAM	1	0	16.60	16.51	16.54		
20	16QAM	1	49	16.58	16.57	16.62	18	0
20	16QAM	1	99	16.50	16.57	16.69		
20	16QAM	50

Band 12 Ant 0 DSI7

BW [MHz]	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	22.96	23.05	23.03	24	0
10	QPSK	1	25	22.92	22.96	22.89		
10	QPSK	1	49	22.88	22.98	22.89		
10	QPSK	25	0	21.74	21.86	21.63	23	1
10	QPSK	25	12	21.83	21.82	21.84		
10	QPSK	25	25	21.68	21.72	21.70		
10	QPSK	50	0	21.77	21.76	21.68		
10	16QAM	1	0	21.85	21.89	21.89	23	1
10	16QAM	1	25	21.78	21.82	21.71		
10	16QAM	1	49	21.91	21.90	21.86		
10	16QAM	25	0	20.65	20.75	20.54	22	2
10	16QAM	25	12	20.71	20.70	20.79		
10	16QAM	25	25	20.75	20.79	20.79		
10	16QAM	50	0	20.75	20.76	20.66		
10	64QAM	1	0	20.84	20.79	20.82	22	2
10	64QAM	1	25	20.87	20.83	20.85		
10	64QAM	1	49	20.76	20.77	20.79		
10	64QAM	25	0	19.61	19.72	19.53	21	3
10	64QAM	25	12	19.64	19.63	19.62		
10	64QAM	25	25	19.70	19.69	19.64		
10	64QAM	50	0	19.82	19.75	19.90		
10	256QAM	1	0	17.95	17.99	17.84	19	5
10	256QAM	1	25	17.87	17.89	17.91		
10	256QAM	1	49	17.96	17.98	17.90		
10	256QAM	25	0	17.86	17.82	17.86	19	5
10	256QAM	25	12	17.81	17.87	17.74		
10	256QAM	25	25	17.85	17.77	17.74		
10	256QAM	50	0	17.77	17.75	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.78	22.96	22.87	24	0
5	QPSK	1	12	22.83	22.93	22.73		
5	QPSK	1	24	22.76	22.95	22.80		
5	QPSK	12	0	21.68	21.83	21.50	23	1
5	QPSK	12	7	21.68	21.69	21.69		
5	QPSK	12	13	21.58	21.58	21.60		
5	QPSK	25	0	21.64	21.66	21.55		
5	16QAM	1	0	21.69	21.71	21.74	23	1
5	16QAM	1	12	21.73	21.73	21.62		
5	16QAM	1	24	21.77	21.82	21.78		
5	16QAM	12	0	20.50	20.71	20.41	22	2
5	16QAM	12	7	20.52	20.56	20.64		
5	16QAM	12	13	20.56	20.60	20.64		
5	16QAM	25	0	20.67	20.75	20.50		
5	64QAM	1	0	20.64	20.76	20.72	22	2
5	64QAM	1	12	20.75	20.70	20.84		
5	64QAM	1	24	20.66	20.73	20.63		
5	64QAM	12	0	19.57	19.64	19.48	21	3
5	64QAM	12	7	19.62	19.45	19.56		
5	64QAM	12	13	19.62	19.57	19.63		
5	64QAM	25	0	19.65	19.66	19.72		
5	256QAM	1	0	17.77	17.83	17.79	19	5
5	256QAM	1	12	17.91	17.72	17.90		
5	256QAM	1	24	17.90	17.95	17.87		
5	256QAM	12	0	17.70	17.69	17.80	19	5
5	256QAM	12	7	17.67	17.72	17.58		
5	256QAM	12	13	17.81	17.66	17.80		
5	256QAM	25	0	17.75	17.71	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.81	22.87	22.96	24	0
3	QPSK	1	8	22.92	22.84	22.89		
3	QPSK	1	14	22.78	22.80	22.77		
3	QPSK	8	0	21.66	21.83	21.63	23	1
3	QPSK	8	4	21.66	21.73	21.67		
3	QPSK	8	7	21.58	21.58	21.69		
3	QPSK	15	0	21.74	21.65	21.50		
3	16QAM	1	0	21.74	21.75	21.69	23	1
3	16QAM	1	8	21.60	21.72	21.69		
3	16QAM	1	14	21.78	21.89	21.86		
3	16QAM	8	0	20.65	20.67	20.35	22	2
3	16QAM	8	4	20.68	20.61	20.65		
3	16QAM	8	7	20.72	20.67	20.62		
3	16QAM	15	0	20.63	20.64	20.52		
3	64QAM	1	0	20.81	20.77	20.76	22	2
3	64QAM	1	8	20.73	20.82	20.75		
3	64QAM	1	14	20.71	20.71	20.77		
3	64QAM	8	0	19.43	19.54	19.33	21	3
3	64QAM	8	4	19.49	19.56	19.59		
3	64QAM	8	7	19.50	19.58	19.56		
3	64QAM	15	0	19.75	19.74	19.87		
3	256QAM	1	0	17.92	17.96	17.82	19	5
3	256QAM	1	8	17.80	17.70	17.83		
3	256QAM	1	14	17.87	17.85	17.71		
3	256QAM	8	0	17.78	17.77	17.71	19	5
3	256QAM	8	4	17.79	17.81	17.59		
3	256QAM	8	7	17.82	17.65	17.64		
3	256QAM	15	0	17.60	17.73	17.72		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.88	22.99	22.92	24	0
1.4	QPSK	1	3	22.82	22.94	22.75		
1.4	QPSK	1	5	22.83	22.94	22.70		
1.4	QPSK	3	0	22.78	22.93	22.84		
1.4	QPSK	3	1	22.78	22.80	22.85		
1.4	QPSK	3	3	22.78	22.92	22.76		
1.4	QPSK	6	0	21.70	21.72	21.63	23	1
1.4	16QAM	1	0	21.74	21.69	21.79	23	1
1.4	16QAM	1	3	21.56	21.69	21.55		
1.4	16QAM	1	5	21.68	21.60	21.67		
1.4	16QAM	3	0	21.72	21.87	21.87		
1.4	16QAM	3	1	21.71	21.80	21.56		
1.4	16QAM	3	3	21.72	21.83	21.81		
1.4	16QAM	6	0	20.59	20.68	20.46	22	2
1.4	64QAM	1	0	20.62	20.51	20.59	22	2
1.4	64QAM	1	3	20.67	20.63	20.71		
1.4	64QAM	1	5	20.66	20.64	20.58		
1.4	64QAM	3	0	20.67	20.60	20.69		
1.4	64QAM	3	1	20.84	20.77	20.67		
1.4	64QAM	3	3	20.60	20.65	20.59		
1.4	64QAM	6	0	19.47	19.48	19.45	21	3
1.4	256QAM	1	0	17.79	17.80	17.69	19	5
1.4	256QAM	1	3	17.71	17.79	17.76		
1.4	256QAM	1	5	17.94	17.86	17.71		
1.4	256QAM	3	0	17.66	17.73	17.73		
1.4	256QAM	3	1	17.81	17.78	17.67		
1.4	256QAM	3	3	17.76	17.70	17.66		
1.4	256QAM	6	0	17.76	17.67	17.75	19	5

Band 12 Ant 0 DSI7 sig path: 300

BW [MHz]	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	23.22	23.24	23.17	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	22.99	23.11	23.10		
10	QPSK	25	0	21.93	22.06	21.96	23	1
10	QPSK	25	12	21.90	21.91	22.01		
10	QPSK	25	25	21.87	21.83	21.93		
10	QPSK	50	0	21.87	21.96	21.87		
10	16QAM	1	0	22.08	21.99	21.98	23	1
10	16QAM	1	25	21.94	21.99	21.87		
10	16QAM	1	49	22.06	22.01	22.08		
10	16QAM	25	0	20.94	20.88	20.64	22	2
10	16QAM	25	12	20.81	20.90	20.95		
10	16QAM	25	25	20.93	20.98	20.89		
10	16QAM	50	0	20.92	20.96	20.82		
10	64QAM	1	0	21.02	20.90	20.95	22	2
10	64QAM	1	25	21.07	20.98	21.07		
10	64QAM	1	49	20.90	20.89	20.89		
10	64QAM	25	0	19.68	19.92	19.69	21	3
10	64QAM	25	12	19.81	19.80	19.82		
10	64QAM	25	25	19.88	19.91	19.76		
10	64QAM	50	0	19.89	19.88	20.12		
10	256QAM	1	0	18.13	18.22	17.97	19	5
10	256QAM	1	25	18.00	18.07	18.00		
10	256QAM	1	49	18.15	18.10	18.01		
10	256QAM	25	0	18.01	17.91	17.96	19	5
10	256QAM	25	12	18.02	18.03	17.85		
10	256QAM	25	25	17.95	17.91	17.90		
10	256QAM	50	0	17.96	17.87	18.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.18	23.12	24	0
5	QPSK	1	12	23.13	23.14	23.01		
5	QPSK	1	24	22.94	22.96	22.97		
5	QPSK	12	0	21.91	21.98	21.86	23	1
5	QPSK	12	7	21.82	21.76	21.96		
5	QPSK	12	13	21.71	21.80	21.85		
5	QPSK	25	0	21.83	21.84	21.78		
5	16QAM	1	0	22.03	21.87	21.81	23	1
5	16QAM	1	12	21.86	21.82	21.84		
5	16QAM	1	24	21.99	21.85	22.00		
5	16QAM	12	0	20.77	20.77	20.47	22	2
5	16QAM	12	7	20.66	20.87	20.90		
5	16QAM	12	13	20.86	20.84	20.81		
5	16QAM	25	0	20.81	20.85	20.79		
5	64QAM	1	0	20.97	20.75	20.88	22	2
5	64QAM	1	12	21.01	20.86	20.99		
5	64QAM	1	24	20.76	20.82	20.76		
5	64QAM	12	0	19.54	19.86	19.60	21	3
5	64QAM	12	7	19.68	19.74	19.70		
5	64QAM	12	13	19.70	19.83	19.70		
5	64QAM	25	0	19.75	19.75	19.98		
5	256QAM	1	0	18.07	18.16	17.92	19	5
5	256QAM	1	12	17.97	18.03	17.84		
5	256QAM	1	24	18.01	17.98	17.92		
5	256QAM	12	0	17.94	17.79	17.92	19	5
5	256QAM	12	7	17.95	17.95	17.69		
5	256QAM	12	13	17.85	17.73	17.87		
5	256QAM	25	0	17.83	17.75	17.89		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.07	23.12	24	0
3	QPSK	1	8	22.98	23.16	22.93		
3	QPSK	1	14	22.91	23.00	22.94		
3	QPSK	8	0	21.88	21.90	21.79	23	1
3	QPSK	8	4	21.86	21.79	21.87		
3	QPSK	8	7	21.80	21.69	21.84		
3	QPSK	15	0	21.77	21.81	21.73		
3	16QAM	1	0	21.92	21.88	21.82	23	1
3	16QAM	1	8	21.83	21.94	21.71		
3	16QAM	1	14	21.97	21.89	21.90		
3	16QAM	8	0	20.72	20.76	20.60	22	2
3	16QAM	8	4	20.71	20.81	20.89		
3	16QAM	8	7	20.85	20.90	20.72		
3	16QAM	15	0	20.80	20.92	20.67		
3	64QAM	1	0	21.00	20.85	20.89	22	2
3	64QAM	1	8	20.91	20.81	20.91		
3	64QAM	1	14	20.86	20.74	20.74		
3	64QAM	8	0	19.63	19.79	19.62	21	3
3	64QAM	8	4	19.75	19.71	19.72		
3	64QAM	8	7	19.80	19.89	19.74		
3	64QAM	15	0	19.73	19.81	20.04		
3	256QAM	1	0	18.00	18.10	17.90	19	5
3	256QAM	1	8	17.83	17.98	17.92		
3	256QAM	1	14	18.02	17.92	17.89		
3	256QAM	8	0	17.83	17.83	17.91	19	5
3	256QAM	8	4	17.97	17.94	17.74		
3	256QAM	8	7	17.92	17.86	17.80		
3	256QAM	15	0	17.87	17.80	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.06	23.19	23.13	24	0
1.4	QPSK	1	3	23.00	23.06	22.98		
1.4	QPSK	1	5	23.03	23.04	22.90		
1.4	QPSK	3	0	22.91	23.05	23.05		
1.4	QPSK	3	1	22.93	22.97	23.05		
1.4	QPSK	3	3	22.89	23.02	22.87		
1.4	QPSK	6	0	21.79	21.81	21.79	23	1
1.4	16QAM	1	0	21.96	21.93	21.88	23	1
1.4	16QAM	1	3	21.73	21.90	21.74		
1.4	16QAM	1	5	21.77	21.74	21.82		
1.4	16QAM	3	0	21.84	22.09	22.03		
1.4	16QAM	3	1	21.82	21.98	21.68		
1.4	16QAM	3	3	21.93	21.98	21.92		
1.4	16QAM	6	0	20.81	20.89	20.60	22	2
1.4	64QAM	1	0	20.74	20.69	20.69	22	2
1.4	64QAM	1	3	20.80	20.77	20.86		
1.4	64QAM	1	5	20.76	20.86	20.77		
1.4	64QAM	3	0	20.83	20.80	20.91		
1.4	64QAM	3	1	20.99	20.95	20.86		
1.4	64QAM	3	3	20.73	20.82	20.82		
1.4	64QAM	6	0	19.55	19.71	19.56	21	3
1.4	256QAM	1	0	17.90	18.00	17.87	19	5
1.4	256QAM	1	3	17.88	17.95	17.91		
1.4	256QAM	1	5	18.17	18.03	17.84		
1.4	256QAM	3	0	17.84	17.96	17.87		
1.4	256QAM	3	1	17.95	18.00	17.88		
1.4	256QAM	3	3	17.98	17.88	17.85		
1.4	256QAM	6	0	17.89	17.76	17.97	19	5

Band 13 Ant 0 DSI7

BW [MHz]	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		22.98		24	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.81			
10	16QAM	1	0		21.89		23	1
10	16QAM	1	25		21.77			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.65			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.73			
10	64QAM	25	25		19.81			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.97		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.97			
10	256QAM	25	0		17.87		19	5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.79			
10	256QAM	50	0		17.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	22.90	22.82	24	0
5	QPSK	1	12	22.87	22.82	22.81		
5	QPSK	1	24	22.74	22.71	22.79		
5	QPSK	12	0	21.77	21.73	21.75	23	1
5	QPSK	12	7	21.69	21.73	21.77		
5	QPSK	12	13	21.74	21.80	21.71		
5	QPSK	25	0	21.68	21.67	21.70		
5	16QAM	1	0	21.79	21.84	21.80	23	1
5	16QAM	1	12	21.62	21.72	21.65		
5	16QAM	1	24	21.85	21.82	21.86		
5	16QAM	12	0	20.63	20.58	20.61	22	2
5	16QAM	12	7	20.58	20.51	20.54		
5	16QAM	12	13	20.46	20.47	20.47		
5	16QAM	25	0	20.72	20.81	20.71		
5	64QAM	1	0	20.83	20.83	20.83	22	2
5	64QAM	1	12	20.77	20.78	20.70		
5	64QAM	1	24	20.72	20.77	20.74		
5	64QAM	12	0	19.74	19.69	19.70	21	3
5	64QAM	12	7	19.59	19.63	19.67		
5	64QAM	12	13	19.71	19.67	19.66		
5	64QAM	25	0	19.77	19.77	19.74		
5	256QAM	1	0	17.85	17.92	17.82	19	5
5	256QAM	1	12	17.79	17.81	17.81		
5	256QAM	1	24	17.83	17.90	17.89		
5	256QAM	12	0	17.80	17.81	17.78	19	5
5	256QAM	12	7	17.73	17.69	17.69		
5	256QAM	12	13	17.75	17.72	17.71		
5	256QAM	25	0	17.79	17.75	17.78		

Band 13 Ant 0 DSI7 sig path: 378

BW [MHz]	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		22.94		24	0
10	QPSK	1	25		22.85			
10	QPSK	1	49		22.72			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.73			
10	QPSK	25	25		21.83			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.65			
10	16QAM	1	49		21.85			
10	16QAM	25	0		20.68		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.86		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.60			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.78			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.88			
10	256QAM	25	0		17.75		19	5
10	256QAM	25	12		17.74			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.88	22.83	22.88	24	0
5	QPSK	1	12	22.70	22.78	22.73		
5	QPSK	1	24	22.61	22.66	22.66		
5	QPSK	12	0	21.77	21.84	21.80	23	1
5	QPSK	12	7	21.64	21.61	21.68		
5	QPSK	12	13	21.77	21.76	21.78		
5	QPSK	25	0	21.78	21.76	21.74		
5	16QAM	1	0	21.77	21.70	21.67	23	1
5	16QAM	1	12	21.50	21.60	21.59		
5	16QAM	1	24	21.71	21.71	21.75		
5	16QAM	12	0	20.56	20.63	20.60	22	2
5	16QAM	12	7	20.52	20.46	20.43		
5	16QAM	12	13	20.45	20.42	20.51		
5	16QAM	25	0	20.63	20.65	20.63		
5	64QAM	1	0	20.77	20.75	20.81	22	2
5	64QAM	1	12	20.76	20.73	20.76		
5	64QAM	1	24	20.69	20.71	20.69		
5	64QAM	12	0	19.73	19.71	19.70	21	3
5	64QAM	12	7	19.50	19.51	19.48		
5	64QAM	12	13	19.59	19.51	19.52		
5	64QAM	25	0	19.74	19.71	19.71		
5	256QAM	1	0	17.69	17.72	17.70	19	5
5	256QAM	1	12	17.73	17.69	17.69		
5	256QAM	1	24	17.82	17.82	17.78		
5	256QAM	12	0	17.68	17.63	17.67	19	5
5	256QAM	12	7	17.64	17.64	17.67		
5	256QAM	12	13	17.61	17.53	17.64		
5	256QAM	25	0	17.63	17.67	17.59		

Band 14 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.01		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.91			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.82			
10	16QAM	1	0		22.14		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.90		22	2
10	16QAM	25	12		20.95			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		21.10		22	2
10	64QAM	1	25		21.13			
10	64QAM	1	49		21.02			
10	64QAM	25	0		19.87		21	3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.89			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.92			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.86	22.96	22.93	24	0
5	QPSK	1	12	22.89	22.95	22.90		
5	QPSK	1	24	22.82	22.75	22.84		
5	QPSK	12	0	21.74	21.77	21.81	23	1
5	QPSK	12	7	21.61	21.71	21.64		
5	QPSK	12	13	21.59	21.64	21.61		
5	QPSK	25	0	21.66	21.76	21.73		
5	16QAM	1	0	22.06	22.05	22.02	23	1
5	16QAM	1	12	22.10	22.10	22.11		
5	16QAM	1	24	21.97	21.88	21.97		
5	16QAM	12	0	20.82	20.80	20.76	22	2
5	16QAM	12	7	20.83	20.86	20.79		
5	16QAM	12	13	20.66	20.71	20.68		
5	16QAM	25	0	20.76	20.73	20.73		
5	64QAM	1	0	20.99	21.04	21.03	22	2
5	64QAM	1	12	20.99	20.99	21.08		
5	64QAM	1	24	20.98	20.97	20.97		
5	64QAM	12	0	19.72	19.73	19.72	21	3
5	64QAM	12	7	19.70	19.68	19.89		
5	64QAM	12	13	19.77	19.83	19.83		
5	64QAM	25	0	19.80	19.85	19.82		
5	256QAM	1	0	17.85	17.83	17.93	19	5
5	256QAM	1	12	17.83	17.89	17.82		
5	256QAM	1	24	17.82	17.92	17.87		
5	256QAM	12	0	17.79	17.77	17.78	19	5
5	256QAM	12	7	17.70	17.62	17.60		
5	256QAM	12	13	17.75	17.76	17.81		
5	256QAM	25	0	17.77	17.84	17.87		

Band 14 Ant 0 DSI7 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.90			
10	QPSK	1	49		22.85			
10	QPSK	25	0		21.89		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.59			
10	QPSK	50	0		21.88			
10	16QAM	1	0		22.11		23	1
10	16QAM	1	25		22.06			
10	16QAM	1	49		22.01			
10	16QAM	25	0		20.77		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.77			
10	64QAM	1	0		21.04		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		20.96			
10	64QAM	25	0		19.79		21	3
10	64QAM	25	12		19.69			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.92			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.78		19	5
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.94	22.90	22.92	24	0
5	QPSK	1	12	22.75	22.76	22.76		
5	QPSK	1	24	22.78	22.70	22.75		
5	QPSK	12	0	21.80	21.73	21.82	23	1
5	QPSK	12	7	21.47	21.49	21.46		
5	QPSK	12	13	21.47	21.50	21.49		
5	QPSK	25	0	21.83	21.82	21.79		
5	16QAM	1	0	22.00	22.02	21.95	23	1
5	16QAM	1	12	21.93	21.93	21.98		
5	16QAM	1	24	21.85	21.97	21.91		
5	16QAM	12	0	20.63	20.73	20.64	22	2
5	16QAM	12	7	20.83	20.88	20.81		
5	16QAM	12	13	20.53	20.51	20.57		
5	16QAM	25	0	20.68	20.73	20.68		
5	64QAM	1	0	20.92	20.96	20.97	22	2
5	64QAM	1	12	20.90	20.93	20.92		
5	64QAM	1	24	20.90	20.87	20.82		
5	64QAM	12	0	19.69	19.66	19.74	21	3
5	64QAM	12	7	19.60	19.60	19.80		
5	64QAM	12	13	19.62	19.70	19.69		
5	64QAM	25	0	19.76	19.78	19.75		
5	256QAM	1	0	17.71	17.70	17.76	19	5
5	256QAM	1	12	17.76	17.88	17.77		
5	256QAM	1	24	17.66	17.74	17.70		
5	256QAM	12	0	17.67	17.67	17.71	19	5
5	256QAM	12	7	17.53	17.46	17.56		
5	256QAM	12	13	17.79	17.78	17.86		
5	256QAM	25	0	17.79	17.74	17.77		

Band 17 Ant 0 DSI7

BW [MHz]	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	23.06	23.11	23.03	24	0
10	QPSK	1	25	22.92	23.08	22.92		
10	QPSK	1	49	22.97	23.03	22.92		
10	QPSK	25	0	21.73	21.87	21.63	23	1
10	QPSK	25	12	21.82	21.84	21.75		
10	QPSK	25	25	21.74	21.76	21.67		
10	QPSK	50	0	21.69	21.80	21.61		
10	16QAM	1	0	21.90	21.97	21.82	23	1
10	16QAM	1	25	21.68	21.81	21.51		
10	16QAM	1	49	21.74	21.79	21.64		
10	16QAM	25	0	20.69	20.86	20.67	22	2
10	16QAM	25	12	20.66	20.82	20.59		
10	16QAM	25	25	20.60	20.72	20.51		
10	16QAM	50	0	20.74	20.79	20.62		
10	64QAM	1	0	20.68	20.77	20.58	22	2
10	64QAM	1	25	20.64	20.76	20.50		
10	64QAM	1	49	20.45	20.63	20.35		
10	64QAM	25	0	19.98	19.99	19.86	21	3
10	64QAM	25	12	19.85	19.90	19.75		
10	64QAM	25	25	19.87	19.91	19.77		
10	64QAM	50	0	19.82	19.83	19.81		
10	256QAM	1	0	17.71	17.81	17.60	19	5
10	256QAM	1	25	17.60	17.75	17.46		
10	256QAM	1	49	17.55	17.65	17.54		
10	256QAM	25	0	17.80	17.82	17.71	19	5
10	256QAM	25	12	17.75	17.76	17.58		
10	256QAM	25	25	17.66	17.80	17.48		
10	256QAM	50	0	17.60	17.77	17.60		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.94	23.10	22.91	24	0
5	QPSK	1	12	22.89	23.05	22.74		
5	QPSK	1	24	22.78	22.98	22.83		
5	QPSK	12	0	21.70	21.72	21.60	23	1
5	QPSK	12	7	21.80	21.69	21.71		
5	QPSK	12	13	21.58	21.65	21.56		
5	QPSK	25	0	21.68	21.76	21.42		
5	16QAM	1	0	21.86	21.97	21.74	23	1
5	16QAM	1	12	21.59	21.71	21.61		
5	16QAM	1	24	21.56	21.63	21.54		
5	16QAM	12	0	20.58	20.76	20.48	22	2
5	16QAM	12	7	20.65	20.69	20.40		
5	16QAM	12	13	20.50	20.58	20.40		
5	16QAM	25	0	20.68	20.73	20.52		
5	64QAM	1	0	20.56	20.72	20.40	22	2
5	64QAM	1	12	20.53	20.60	20.41		
5	64QAM	1	24	20.35	20.51	20.28		
5	64QAM	12	0	19.93	19.79	19.73	21	3
5	64QAM	12	7	19.79	19.81	19.67		
5	64QAM	12	13	19.77	19.87	19.63		
5	64QAM	25	0	19.73	19.76	19.65		
5	256QAM	1	0	17.66	17.75	17.59	19	5
5	256QAM	1	12	17.57	17.74	17.37		
5	256QAM	1	24	17.37	17.56	17.51		
5	256QAM	12	0	17.66	17.76	17.68	19	5
5	256QAM	12	7	17.60	17.63	17.54		
5	256QAM	12	13	17.51	17.61	17.32		
5	256QAM	25	0	17.49	17.68	17.59		

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BW [MHz]	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	15.07	15.17	15.10	16.5	0
20	QPSK	1	49	15.00	15.09	15.07		
20	QPSK	1	99	15.10	15.06	15.09		
20	QPSK	50	0	14.98	15.10	14.97	16.5	0
20	QPSK	50	24	15.04	15.08	15.05		
20	QPSK	50	50	15.03	15.06	14.96		
20	QPSK	100	0	15.02	15.04	14.96		
20	16QAM	1	0	14.94	14.98	15.09	16.5	0
20	16QAM	1	49	14.95	15.07	15.06		
20	16QAM	1	99	15.04	14.99	15.12		
20	16QAM	50	0	15.04	15.05	15.02	16.5	0
20	16QAM	50	24	15.15	15.03	15.09		
20	16QAM	50	50	14.99	15.07	15.11		
20	16QAM	100	0	15.15	14.98	15.02		
20	64QAM	1	0	15.08	15.01	15.05	16.5	0
20	64QAM	1	49	15.10	15.00	15.03		
20	64QAM	1	99	14.95	15.05	15.05		
20	64QAM	50	0	15.13	15.01	14.99	16.5	0
20	64QAM	50	24	15.05	15.08	15.06		
20	64QAM	50	50	15.01	15.02	15.13		
20	64QAM	100	0	14.99	15.06	15.13		
20	256QAM	1	0	15.04	15.00	15.02	16.5	0
20	256QAM	1	49	15.03	15.14	14.98		
20	256QAM	1	99	15.07	15.08	15.00		
20	256QAM	50	0	15.05	15.02	15.03	16.5	0
20	256QAM	50	24	15.05	15.09	15.13		
20	256QAM	50	50	15.03	15.10	15.03		
20	256QAM	100	0	15.05	14.95	15.06		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.96	15.07	15.07	16.5	0
15	QPSK	1	37	14.92	15.07	15.00		
15	QPSK	1	74	15.07	14.96	14.98		
15	QPSK	36	0	14.83	14.92	14.89	16.5	0
15	QPSK	36	20	15.02	15.02	14.90		
15	QPSK	36	39	14.93	14.87	14.84		
15	QPSK	75	0	14.91	14.87	14.81		
15	16QAM	1	0	14.89	14.81	15.04	16.5	0
15	16QAM	1	37	14.87	14.94	15.03		
15	16QAM	1	74	14.84	14.93	15.08		
15	16QAM	36	0	14.96	14.97	15.01	16.5	0
15	16QAM	36	20	15.06	14.90	14.98		
15	16QAM	36	39	14.80	14.99	15.03		
15	16QAM	75	0	14.91	14.86	14.91		
15	64QAM	1	0	15.07	14.84	15.02	16.5	0
15	64QAM	1	37	15.02	14.93	15.03		
15	64QAM	1	74	14.81	14.92	14.87		
15	64QAM	36	0	15.06	14.96	14.87	16.5	0
15	64QAM	36	20	14.91	14.92	15.02		
15	64QAM	36	39	14.91	14.83	15.13		
15	64QAM	75	0	14.89	15.02	15.08		
15	256QAM	1	0	14.96	14.81	14.88	16.5	0
15	256QAM	1	37	14.85	14.93	14.94		
15	256QAM	1	74	15.00	14.89	14.83		
15	256QAM	36	0	15.02	15.00	14.95	16.5	0
15	256QAM	36	20	15.01	15.00	15.00		
15	256QAM	36	39	15.03	14.94	14.91		
15	256QAM	75	0	14.97	14.80	15.04		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.01	15.11	14.96	16.5	0
10	QPSK	1	25	15.00	14.94	15.04		
10	QPSK	1	49	14.99	14.98	14.98		
10	QPSK	25	0	14.95	14.90	14.91	16.5	0
10	QPSK	25	13	14.95	14.94	14.92		
10	QPSK	25	25	14.88	14.96	14.95		
10	QPSK	50	0	14.97	14.92	14.79		
10	16QAM	1	0	14.82	14.80	14.99	16.5	0
10	16QAM	1	25	14.82	14.95	15.03		
10	16QAM	1	49	15.01	14.89	14.97		
10	16QAM	25	0	14.86	14.90	14.90	16.5	0
10	16QAM	25	12	15.13	14.88	14.97		
10	16QAM	25	25	14.85	14.90	15.03		
10	16QAM	50	0	15.01	14.92	14.92		
10	64QAM	1	0	15.01	14.88	15.01	16.5	0
10	64QAM	1	25	15.08	14.86	14.90		
10	64QAM	1	49	14.91	15.04	14.98		
10	64QAM	25	0	15.07	14.93	14.85	16.5	0
10	64QAM	25	12	14.99	15.07	14.98		
10	64QAM	25	25	14.89	14.95	15.02		
10	64QAM	50	0	14.90	15.03	14.96		
10	256QAM	1	0	14.85	14.93	14.85	16.5	0
10	256QAM	1	25	14.93	15.04	14.95		
10	256QAM	1	49	15.07	15.00	14.81		
10	256QAM	25	0	15.04	14.88	14.87	16.5	0
10	256QAM	25	12	14.92	14.92	14.97		
10	256QAM	25	25	14.90	15.03	14.89		
10	256QAM	50	0	15.03	14.76	14.97		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.99	15.04	14.92	16.5	0
5	QPSK	1	12	14.85	14.90	14.95		
5	QPSK	1	24	15.08	15.08	14.95		
5	QPSK	12	0	14.80	15.00	14.86	16.5	0
5	QPSK	12	7	15.03	14.91	14.90		
5	QPSK	12	13	14.83	14.88	14.78		
5	QPSK	25	0	14.95	14.96	14.80		
5	16QAM	1	0	14.85	14.80	14.90	16.5	0
5	16QAM	1	12	14.93	15.06	15.01		
5	16QAM	1	24	14.85	14.79	15.08		
5	16QAM	12	0	15.00	14.97	14.95	16.5	0
5	16QAM	12	7	15.05	14.88	14.90		
5	16QAM	12	13	14.99	15.04	14.92		
5	16QAM	25	0	15.09	14.97	15.01		
5	64QAM	1	0	14.96	14.84	14.91	16.5	0
5	64QAM	1	12	15.07	14.92	14.95		
5	64QAM	1	24	14.78	15.03	15.00		
5	64QAM	12	0	15.07	14.87	14.98	16.5	0
5	64QAM	12	7	15.01	14.97	15.00		
5	64QAM	12	13	14.82	14.88	14.97		
5	64QAM	25	0	14.91	15.06	15.07		
5	256QAM	1	0	14.87	14.84	14.89	16.5	0
5	256QAM	1	12	14.85	15.07	14.85		
5	256QAM	1	24	15.04	14.99	14.95		
5	256QAM	12	0	14.99	14.84	14.86	16.5	0
5	256QAM	12	7	14.98	15.07	15.06		
5	256QAM	12	13	15.01	15.02	15.02		
5	256QAM	25	0	15.05	14.78	14.92		
Channel				26035	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.92	15.10	15.09	16.5	0
3	QPSK	1	8	14.85	15.01	14.95		
3	QPSK	1	14	15.01	14.97	14.89		
3	QPSK	8	0	14.78	14.97	14.86	16.5	0
3	QPSK	8	4	14.96	14.89	14.94		
3	QPSK	8	7	14.84	14.98	14.83		
3	QPSK	15	0	14.83	14.96	14.92		
3	16QAM	1	0	14.81	14.96	15.07	16.5	0
3	16QAM	1	8	14.84	15.06	14.96		
3	16QAM	1	14	15.04	14.91	15.02		
3	16QAM	8	0	14.93	14.93	14.92	16.5	0
3	16QAM	8	4	15.13	14.91	15.07		
3	16QAM	8	7	14.87	14.95	14.95		
3	16QAM	15	0	15.04	14.96	14.84		
3	64QAM	1	0	15.05	14.95	14.87	16.5	0
3	64QAM	1	8	14.97	14.96	14.99		
3	64QAM	1	14	14.80	15.03	15.05		
3	64QAM	8	0	14.97	14.86	14.83	16.5	0
3	64QAM	8	4	15.01	14.90	14.87		
3	64QAM	8	7	14.89	14.91	14.96		
3	64QAM	15	0	14.81	14.98	14.93		
3	256QAM	1	0	15.00	14.99	14.91	16.5	0
3	256QAM	1	8	14.88	15.04	14.81		
3	256QAM	1	14	14.99	14.95	14.92		
3	256QAM	8	0	15.05	14.84	14.94	16.5	0
3	256QAM	8	4	14.95	15.02	15.03		
3	256QAM	8	7	15.02	15.02	14.98		
3	256QAM	15	0	15.04	14.92	15.00		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.03	15.07	15.05	16.5	0
1.4	QPSK	1	3	14.86	15.03	15.06		
1.4	QPSK	1	5	14.92	15.00	14.97		
1.4	QPSK	3	0	14.80	15.09	14.92		
1.4	QPSK	3	1	14.86	14.92	15.05		
1.4	QPSK	3	3	14.96	14.99	14.88		
1.4	QPSK	6	0	15.02	14.89	14.91	16.5	0
1.4	16QAM	1	0	14.75	14.96	15.03	16.5	0
1.4	16QAM	1	3	14.78	14.90	15.04		
1.4	16QAM	1	5	14.89	14.79	15.05		
1.4	16QAM	3	0	14.83	14.99	14.92		
1.4	16QAM	3	1	14.99	14.89	14.99		
1.4	16QAM	3	3	14.90	14.93	14.98		
1.4	16QAM	6	0	15.15	14.87	14.85	16.5	0
1.4	64QAM	1	0	14.94	14.93	14.88	16.5	0
1.4	64QAM	1	3	14.92	14.86	14.87		
1.4	64QAM	1	5	14.75	14.97	14.95		
1.4	64QAM	3	0	15.05	14.83	14.88		
1.4	64QAM	3	1	14.94	14.93	14.93		
1.4	64QAM	3	3	14.95	14.97	15.09		
1.4	64QAM	6	0	14.88	14.97	15.01	16.5	0
1.4	256QAM	1	0	14.90	14.91	14.85	16.5	0
1.4	256QAM	1	3	14.93	14.95	14.80		
1.4	256QAM	1	5	15.04	15.08	14.81		
1.4	256QAM	3	0	14.86	14.88	15.01		
1.4	256QAM	3	1	14.89	15.05	15.00		
1.4	256QAM	3	3	14.97	15.04	14.86		
1.4	256QAM	6	0	15.04	14.75	15.02	16.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.33	22.44	22.34	23.5	0
15	QPSK	1	37	22.33	22.40	22.30		
15	QPSK	1	74	22.32	22.35	22.34		
15	QPSK	36	0	21.60	21.64	21.60	23	0.5
15	QPSK	36	20	21.31	21.38	21.29		
15	QPSK	36	39	21.45	21.49	21.44		
15	QPSK	75	0	21.31	21.34	21.31		
15	16QAM	1	0	21.55	21.58	21.47	23	0.5
15	16QAM	1	37	21.41	21.44	21.37		
15	16QAM	1	74	21.65	21.63	21.64		
15	16QAM	36	0	20.47	20.50	20.54	22	1.5
15	16QAM	36	20	20.33	20.39	20.48		
15	16QAM	36	39	20.39	20.47	20.45		
15	16QAM	75	0	20.49	20.58	20.57		
15	64QAM	1	0	20.58	20.52	20.58	22	1.5
15	64QAM	1	37	20.45	20.55	20.55		
15	64QAM	1	74	20.43	20.41	20.39		
15	64QAM	36	0	19.60	19.51	19.53	21	2.5
15	64QAM	36	20	19.34	19.38	19.43		
15	64QAM	36	39	19.29	19.34	19.33		
15	64QAM	75	0	19.33	19.33	19.36		
15	256QAM	1	0	17.59	17.51	17.53	19	4.5
15	256QAM	1	37	17.52	17.45	17.54		
15	256QAM	1	74	17.61	17.57	17.63		
15	256QAM	36	0	17.38	17.47	17.42	19	4.5
15	256QAM	36	20	17.40	17.43	17.40		
15	256QAM	36	39	17.26	17.35	17.44		
15	256QAM	75	0	17.26	17.32	17.28		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.20	22.40	22.34	23.5	0
10	QPSK	1	25	22.24	22.23	22.11		
10	QPSK	1	49	22.14	22.30	22.21		
10	QPSK	25	0	21.52	21.45	21.45	23	0.5
10	QPSK	25	12	21.13	21.37	21.23		
10	QPSK	25	25	21.30	21.39	21.36		
10	QPSK	50	0	21.19	21.18	21.13		
10	16QAM	1	0	21.53	21.57	21.33	23	0.5
10	16QAM	1	25	21.37	21.41	21.28		
10	16QAM	1	49	21.54	21.47	21.53		
10	16QAM	25	0	20.31	20.39	20.35	22	1.5
10	16QAM	25	12	20.23	20.25	20.39		
10	16QAM	25	25	20.25	20.45	20.33		
10	16QAM	50	0	20.38	20.49	20.39		
10	64QAM	1	0	20.41	20.35	20.51	22	1.5
10	64QAM	1	25	20.35	20.45	20.54		
10	64QAM	1	49	20.35	20.40	20.21		
10	64QAM	25	0	19.51	19.37	19.36	21	2.5
10	64QAM	25	12	19.29	19.25	19.24		
10	64QAM	25	25	19.18	19.24	19.27		
10	64QAM	50	0	19.21	19.28	19.29		
10	256QAM	1	0	17.49	17.42	17.51	19	4.5
10	256QAM	1	25	17.44	17.27	17.53		
10	256QAM	1	49	17.44	17.37	17.47		
10	256QAM	25	0	17.25	17.36	17.24	19	4.5
10	256QAM	25	12	17.25	17.38	17.37		
10	256QAM	25	25	17.10	17.24	17.29		
10	256QAM	50	0	17.24	17.23	17.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.24	22.23	23.5	0
5	QPSK	1	12	22.23	22.39	22.25		
5	QPSK	1	24	22.16	22.25	22.30		
5	QPSK	12	0	21.50	21.56	21.45	23	0.5
5	QPSK	12	7	21.19	21.27	21.27		
5	QPSK	12	13	21.27	21.44	21.43		
5	QPSK	25	0	21.25	21.26	21.28		
5	16QAM	1	0	21.47	21.39	21.38	23	0.5
5	16QAM	1	12	21.23	21.40	21.20		
5	16QAM	1	24	21.59	21.63	21.57		
5	16QAM	12	0	20.30	20.43	20.36	22	1.5
5	16QAM	12	7	20.25	20.38	20.48		
5	16QAM	12	13	20.31	20.28	20.43		
5	16QAM	25	0	20.37	20.38	20.47		
5	64QAM	1	0	20.56	20.46	20.49	22	1.5
5	64QAM	1	12	20.42	20.44	20.51		
5	64QAM	1	24	20.31	20.35	20.39		
5	64QAM	12	0	19.43	19.44	19.52	21	2.5
5	64QAM	12	7	19.17	19.27	19.28		
5	64QAM	12	13	19.18	19.17	19.16		
5	64QAM	25	0	19.20	19.32	19.21		
5	256QAM	1	0	17.59	17.46	17.39	19	4.5
5	256QAM	1	12	17.33	17.40	17.52		
5	256QAM	1	24	17.54	17.51	17.46		
5	256QAM	12	0	17.20	17.33	17.29	19	4.5
5	256QAM	12	7	17.31	17.38	17.33		
5	256QAM	12	13	17.08	17.26	17.40		
5	256QAM	25	0	17.21	17.30	17.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.32	22.29	23.5	0
3	QPSK	1	8	22.25	22.26	22.13		
3	QPSK	1	14	22.20	22.26	22.18		
3	QPSK	8	0	21.40	21.56	21.46	23	0.5
3	QPSK	8	4	21.24	21.38	21.17		
3	QPSK	8	7	21.33	21.32	21.31		
3	QPSK	15	0	21.25	21.31	21.20		
3	16QAM	1	0	21.48	21.53	21.28	23	0.5
3	16QAM	1	8	21.33	21.36	21.26		
3	16QAM	1	14	21.55	21.44	21.59		
3	16QAM	8	0	20.32	20.37	20.51	22	1.5
3	16QAM	8	4	20.27	20.27	20.34		
3	16QAM	8	7	20.36	20.45	20.26		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.49	20.50	20.50	22	1.5
3	64QAM	1	8	20.31	20.43	20.39		
3	64QAM	1	14	20.26	20.23	20.22		
3	64QAM	8	0	19.44	19.45	19.47	21	2.5
3	64QAM	8	4	19.26	19.32	19.41		
3	64QAM	8	7	19.19	19.20	19.23		
3	64QAM	15	0	19.28	19.14	19.28		
3	256QAM	1	0	17.51	17.40	17.36	19	4.5
3	256QAM	1	8	17.38	17.41	17.50		
3	256QAM	1	14	17.44	17.49	17.49		
3	256QAM	8	0	17.20	17.43	17.29	19	4.5
3	256QAM	8	4	17.22	17.41	17.36		
3	256QAM	8	7	17.07	17.25	17.29		
3	256QAM	15	0	17.07	17.32	17.19		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.23	22.37	22.18	23.5	0
1.4	QPSK	1	3	22.32	22.40	22.15		
1.4	QPSK	1	5	22.17	22.16	22.29		
1.4	QPSK	3	0	22.18	22.34	22.06		
1.4	QPSK	3	1	22.22	22.13	22.21		
1.4	QPSK	3	3	22.30	22.19	22.15		
1.4	QPSK	6	0	21.57	21.61	21.54	23	0.5
1.4	16QAM	1	0	21.16	21.32	21.24	23	0.5
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.15	21.20	21.12		
1.4	16QAM	3	0	21.54	21.44	21.37		
1.4	16QAM	3	1	21.38	21.28	21.36		
1.4	16QAM	3	3	21.60	21.63	21.49		
1.4	16QAM	6	0	20.46	20.45	20.39	22	1.5
1.4	64QAM	1	0	20.33	20.37	20.41	22	1.5
1.4	64QAM	1	3	20.30	20.30	20.28		
1.4	64QAM	1	5	20.46	20.51	20.39		
1.4	64QAM	3	0	20.46	20.46	20.44		
1.4	64QAM	3	1	20.31	20.39	20.55		
1.4	64QAM	3	3	20.43	20.32	20.21		
1.4	64QAM	6	0	19.21	19.23	19.37	21	2.5
1.4	256QAM	1	0	17.39	17.37	17.47	19	4.5
1.4	256QAM	1	3	17.37	17.34	17.34		
1.4	256QAM	1	5	17.44	17.47	17.57		
1.4	256QAM	3	0	17.27	17.33	17.41		
1.4	256QAM	3	1	17.40	17.33	17.39		
1.4	256QAM	3	3	17.13	17.17	17.39		
1.4	256QAM	6	0	17.08	17.21	17.23	19	4.5

Band 26 for FCC Ant 0 DSI7 sig path: 320

BW [MHz]	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	22.87	22.91	22.85	23.5	0
15	QPSK	1	37	22.81	22.88	22.75		
15	QPSK	1	74	22.78	22.81	22.82		
15	QPSK	36	0	22.03	22.13	22.10	23	0.5
15	QPSK	36	20	21.79	21.86	21.85		
15	QPSK	36	39	21.94	22.06	21.99		
15	QPSK	75	0	21.88	21.94	21.86		
15	16QAM	1	0	22.04	22.13	21.94	23	0.5
15	16QAM	1	37	21.92	21.88	21.90		
15	16QAM	1	74	22.18	22.20	22.17		
15	16QAM	36	0	20.97	20.97	21.06	22	1.5
15	16QAM	36	20	20.84	20.96	20.99		
15	16QAM	36	39	20.92	20.94	20.99		
15	16QAM	75	0	21.01	21.01	21.13		
15	64QAM	1	0	21.16	21.02	21.11	22	1.5
15	64QAM	1	37	21.01	21.09	20.98		
15	64QAM	1	74	20.88	20.92	20.96		
15	64QAM	36	0	20.05	19.98	20.04	21	2.5
15	64QAM	36	20	19.88	19.85	19.98		
15	64QAM	36	39	19.86	19.78	19.80		
15	64QAM	75	0	19.82	19.83	19.84		
15	256QAM	1	0	18.13	17.96	18.03	19	4.5
15	256QAM	1	37	18.09	17.94	18.12		
15	256QAM	1	74	18.19	18.07	18.07		
15	256QAM	36	0	17.85	18.05	17.96	19	4.5
15	256QAM	36	20	17.94	17.99	17.89		
15	256QAM	36	39	17.82	17.80	18.00		
15	256QAM	75	0	17.77	17.88	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.69	22.72	22.73	23.5	0
10	QPSK	1	25	22.76	22.69	22.56		
10	QPSK	1	49	22.71	22.72	22.70		
10	QPSK	25	0	22.00	22.08	21.97	23	0.5
10	QPSK	25	12	21.69	21.79	21.75		
10	QPSK	25	25	21.79	21.90	21.84		
10	QPSK	50	0	21.85	21.91	21.73		
10	16QAM	1	0	22.02	22.02	21.88	23	0.5
10	16QAM	1	25	21.86	21.74	21.86		
10	16QAM	1	49	22.09	22.06	22.07		
10	16QAM	25	0	20.82	20.83	20.96	22	1.5
10	16QAM	25	12	20.76	20.79	20.84		
10	16QAM	25	25	20.81	20.81	20.93		
10	16QAM	50	0	20.98	20.98	21.04		
10	64QAM	1	0	21.11	20.97	21.04	22	1.5
10	64QAM	1	25	20.96	20.94	20.88		
10	64QAM	1	49	20.85	20.80	20.82		
10	64QAM	25	0	19.88	19.80	20.01	21	2.5
10	64QAM	25	12	19.82	19.77	19.94		
10	64QAM	25	25	19.72	19.62	19.63		
10	64QAM	50	0	19.69	19.68	19.80		
10	256QAM	1	0	18.04	17.85	17.95	19	4.5
10	256QAM	1	25	18.00	17.84	18.05		
10	256QAM	1	49	18.07	17.94	17.99		
10	256QAM	25	0	17.75	17.87	17.84	19	4.5
10	256QAM	25	12	17.89	17.94	17.80		
10	256QAM	25	25	17.68	17.63	17.95		
10	256QAM	50	0	17.65	17.72	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.71	22.87	22.73	23.5	0
5	QPSK	1	12	22.65	22.77	22.72		
5	QPSK	1	24	22.65	22.80	22.74		
5	QPSK	12	0	21.98	21.98	21.94	23	0.5
5	QPSK	12	7	21.75	21.68	21.71		
5	QPSK	12	13	21.76	22.02	21.94		
5	QPSK	25	0	21.82	21.81	21.70		
5	16QAM	1	0	22.02	22.00	21.87	23	0.5
5	16QAM	1	12	21.75	21.81	21.72		
5	16QAM	1	24	22.02	22.09	22.15		
5	16QAM	12	0	20.89	20.79	20.88	22	1.5
5	16QAM	12	7	20.80	20.85	20.91		
5	16QAM	12	13	20.82	20.79	20.90		
5	16QAM	25	0	20.99	20.87	21.10		
5	64QAM	1	0	21.10	20.85	21.03	22	1.5
5	64QAM	1	12	20.84	21.01	20.81		
5	64QAM	1	24	20.78	20.77	20.83		
5	64QAM	12	0	19.96	19.80	19.97	21	2.5
5	64QAM	12	7	19.80	19.73	19.85		
5	64QAM	12	13	19.80	19.61	19.70		
5	64QAM	25	0	19.70	19.80	19.68		
5	256QAM	1	0	17.99	17.91	17.87	19	4.5
5	256QAM	1	12	17.99	17.83	17.97		
5	256QAM	1	24	18.12	17.97	17.92		
5	256QAM	12	0	17.80	17.94	17.84	19	4.5
5	256QAM	12	7	17.92	17.91	17.77		
5	256QAM	12	13	17.70	17.71	17.97		
5	256QAM	25	0	17.61	17.76	17.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.79	22.85	22.72	23.5	0
3	QPSK	1	8	22.80	22.85	22.67		
3	QPSK	1	14	22.69	22.67	22.81		
3	QPSK	8	0	21.93	22.08	22.07	23	0.5
3	QPSK	8	4	21.77	21.71	21.72		
3	QPSK	8	7	21.91	21.94	21.82		
3	QPSK	15	0	21.80	21.91	21.84		
3	16QAM	1	0	21.95	22.10	21.80	23	0.5
3	16QAM	1	8	21.75	21.84	21.77		
3	16QAM	1	14	22.13	22.09	22.10		
3	16QAM	8	0	20.88	20.88	21.00	22	1.5
3	16QAM	8	4	20.70	20.83	20.92		
3	16QAM	8	7	20.88	20.82	20.91		
3	16QAM	15	0	20.92	20.96	21.06		
3	64QAM	1	0	20.99	20.92	20.98	22	1.5
3	64QAM	1	8	20.86	20.99	20.86		
3	64QAM	1	14	20.73	20.78	20.89		
3	64QAM	8	0	19.94	19.96	19.89	21	2.5
3	64QAM	8	4	19.71	19.72	19.95		
3	64QAM	8	7	19.81	19.71	19.72		
3	64QAM	15	0	19.80	19.74	19.73		
3	256QAM	1	0	18.08	17.80	17.88	19	4.5
3	256QAM	1	8	17.93	17.87	18.02		
3	256QAM	1	14	18.11	17.98	17.96		
3	256QAM	8	0	17.70	17.89	17.90	19	4.5
3	256QAM	8	4	17.87	17.96	17.77		
3	256QAM	8	7	17.68	17.70	17.90		
3	256QAM	15	0	17.67	17.82	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.74	22.79	22.80	23.5	0
1.4	QPSK	1	3	22.72	22.69	22.60		
1.4	QPSK	1	5	22.62	22.74	22.68		
1.4	QPSK	3	0	22.71	22.72	22.62		
1.4	QPSK	3	1	22.61	22.76	22.64		
1.4	QPSK	3	3	22.79	22.68	22.75		
1.4	QPSK	6	0	22.02	22.07	22.00	23	0.5
1.4	16QAM	1	0	21.68	21.81	21.67	23	0.5
1.4	16QAM	1	3	21.73	21.90	21.81		
1.4	16QAM	1	5	21.65	21.76	21.69		
1.4	16QAM	3	0	21.97	21.89	21.89		
1.4	16QAM	3	1	21.87	21.75	21.81		
1.4	16QAM	3	3	22.15	22.19	22.03		
1.4	16QAM	6	0	20.90	20.87	20.84	22	1.5
1.4	64QAM	1	0	20.82	20.89	20.92	22	1.5
1.4	64QAM	1	3	20.88	20.80	20.76		
1.4	64QAM	1	5	20.90	21.06	20.92		
1.4	64QAM	3	0	20.94	20.99	20.99		
1.4	64QAM	3	1	20.82	20.82	21.13		
1.4	64QAM	3	3	20.91	20.83	20.63		
1.4	64QAM	6	0	19.76	19.68	19.87	21	2.5
1.4	256QAM	1	0	17.89	17.86	17.95	19	4.5
1.4	256QAM	1	3	17.90	17.79	17.80		
1.4	256QAM	1	5	18.00	18.01	18.03		
1.4	256QAM	3	0	17.70	17.77	17.90		
1.4	256QAM	3	1	17.97	17.82	17.82		
1.4	256QAM	3	3	17.71	17.70	17.91		
1.4	256QAM	6	0	17.52	17.77	17.71	19	4.5

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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	16.62	16.73	16.60		
20	QPSK	1	49	16.61	16.64	16.63	18	0
20	QPSK	1	99	16.57	16.59	16.66		
20	QPSK	50	0	16.51	16.67	16.62		
20	QPSK	50	24	16.61	16.62	16.65	18	0
20	QPSK	50	50	16.61	16.60	16.58		
20	QPSK	100	0	16.63	16.65	16.62		
20	16QAM	1	0	16.56	16.53	16.58		
20	16QAM	1	49	16.60	16.57	16.64	18	0
20	16QAM	1	99	16.58	16.61	16.65		
20	16QAM	50	0	16.51	16.52	16.63		
20	16QAM	50	24	16.64	16.59	16.67	18	0
20	16QAM	50	50	16.51	16.66	16.58		
20	16QAM	100	0	16.63	16.54	16.51		
20	64QAM	1	0	16.67	16.62	16.59		
20	64QAM	1	49	16.59	16.61	16.60	18	0
20	64QAM	1	99	16.49	16.53	16.55		
20	64QAM	50	0	16.65	16.57	16.58		
20	64QAM	50	24	16.52	16.64	16.59	18	0
20	64QAM	50	50	16.58	16.60	16.68		
20	64QAM	100	0	16.53	16.54	16.69		
20	256QAM	1	0	16.64	16.57	16.60		
20	256QAM	1	49	16.54	16.58	16.53	18	0
20	256QAM	1	99	16.62	16.57	16.54		
20	256QAM	50	0	16.59	16.58	16.56		
20	256QAM	50	24	16.53	16.61	16.60	18	0
20	256QAM	50	50	16.55	16.67	16.60		
20	256QAM	100	0	16.69	16.53	16.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.44	16.70	16.41		
15	QPSK	1	37	16.60	16.63	16.48	18	0
15	QPSK	1	74	16.39	16.45	16.61		
15	QPSK	36	0	16.41	16.58	16.53		
15	QPSK	36	20	16.44	16.56	16.58	18	0
15	QPSK	36	39	16.47	16.42	16.50		
15	QPSK	75	0	16.60	16.55	16.58		
15	16QAM	1	0	16.47	16.36	16.45		
15	16QAM	1	37	16.50	16.46	16.61	18	0
15	16QAM	1	74	16.46	16.48	16.64		
15	16QAM	36	0	16.50	16.40	16.55		
15	16QAM	36	20	16.48	16.39	16.55	18	0
15	16QAM	36	39	16.40	16.56	16.48		
15	16QAM	75	0	16.45	16.48	16.43		
15	64QAM	1	0	16.51	16.57	16.45		
15	64QAM	1	37	16.44	16.49	16.47	18	0
15	64QAM	1	74	16.36	16.52	16.53		
15	64QAM	36	0	16.56	16.44	16.49		
15	64QAM	36	20	16.50	16.58	16.53	18	0
15	64QAM	36	39	16.41	16.59	16.62		
15	64QAM	75	0	16.44	16.42	16.68		
15	256QAM	1	0	16.49	16.47	16.57		
15	256QAM	1	37	16.50	16.42	16.52	18	0
15	256QAM	1	74	16.50	16.54	16.54		
15	256QAM	36	0	16.46	16.46	16.51		
15	256QAM	36	20	16.52	16.56	16.59	18	0
15	256QAM	36	39	16.39	16.59	16.41		
15	256QAM	75	0	16.64	16.34	16.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.50	16.69	16.56		
10	QPSK	1	25	16.61	16.53	16.62	18	0
10	QPSK	1	49	16.55	16.47	16.58		
10	QPSK	25	0	16.36	16.51	16.48		
10	QPSK	25	12	16.56	16.51	16.61	18	0
10	QPSK	25	25	16.59	16.53	16.48		
10	QPSK	50	0	16.59	16.59	16.55		
10	16QAM	1	0	16.52	16.52	16.55		
10	16QAM	1	25	16.45	16.47	16.55	18	0
10	16QAM	1	49	16.48	16.44	16.46		
10	16QAM	25	0	16.36	16.43	16.45		
10	16QAM	25	12	16.63	16.49	16.50	18	0
10	16QAM	25	25	16.43	16.47	16.58		
10	16QAM	50	0	16.49	16.48	16.48		
10	64QAM	1	0	16.63	16.59	16.53		
10	64QAM	1	25	16.54	16.47	16.47	18	0
10	64QAM	1	49	16.44	16.40	16.47		
10	64QAM	25	0	16.54	16.54	16.52		
10	64QAM	25	12	16.49	16.57	16.42	18	0
10	64QAM	25	25	16.43	16.46	16.64		
10	64QAM	50	0	16.49	16.38	16.51		
10	256QAM	1	0	16.47	16.53	16.47		
10	256QAM	1	25	16.34	16.55	16.48	18	0
10	256QAM	1	49	16.43	16.55	16.34		
10	256QAM	25	0	16.53	16.54	16.46		
10	256QAM	25	12	16.34	16.57	16.47	18	0
10	256QAM	25	25	16.52	16.58	16.57		
10	256QAM	50	0	16.56	16.49	16.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.50	16.56	16.51		
5	QPSK	1	12	16.59	16.46	16.51	18	0
5	QPSK	1	24	16.39	16.58	16.55		
5	QPSK	12	0	16.41	16.67	16.48		
5	QPSK	12	7	16.44	16.53	16.56	18	0
5	QPSK	12	13	16.43	16.42	16.41		
5	QPSK	25	0	16.60	16.61	16.60		
5	16QAM	1	0	16.37	16.51	16.43		
5	16QAM	1	12	16.47	16.51	16.60	18	0
5	16QAM	1	24	16.52	16.52	16.49		
5	16QAM	12	0	16.45	16.41	16.59		
5	16QAM	12	7	16.48	16.49	16.51	18	0
5	16QAM	12	13	16.40	16.55	16.43		
5	16QAM	25	0	16.55	16.42	16.32		
5	64QAM	1	0	16.52	16.52	16.50		
5	64QAM	1	12	16.39	16.61	16.51	18	0
5	64QAM	1	24	16.39	16.40	16.47		
5	64QAM	12	0	16.46	16.39	16.43		
5	64QAM	12	7	16.44	16.63	16.40	18	0
5	64QAM	12	13	16.41	16.58	16.54		
5	64QAM	25	0	16.45	16.46	16.52		
5	256QAM	1	0	16.60	16.40	16.50		
5	256QAM	1	12	16.43	16.48	16.37	18	0
5	256QAM	1	24	16.47	16.52	16.52		
5	256QAM	12	0	16.54	16.42	16.39		
5	256QAM	12	7	16.43	16.43	16.54	18	0
5	256QAM	12	13	16.38	16.59	16.41		
5	256QAM	25	0	16.60	16.45	16.59		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.62	16.62	16.55		
3	QPSK	1	8	16.43	16.45	16.62	18	0
3	QPSK	1	14	16.55	16.42	16.59		
3	QPSK	8	0	16.49	16.53	16.51		
3	QPSK	8	4	16.53	16.52	16.63	18	0
3	QPSK	8	7	16.58	16.41	16.49		
3	QPSK	15	0	16.45	16.49	16.57		
3	16QAM	1	0	16.44	16.48	16.43		
3	16QAM	1	8	16.47	16.42	16.60	18	0
3	16QAM	1	14	16.47	16.41	16.45		
3	16QAM	8	0	16.47	16.41	16.59		
3	16QAM	8	4	16.52	16.53	16.60	18	0
3	16QAM	8	7	16.34	16.51	16.58		
3	16QAM	15	0	16.54	16.39	16.35		
3	64QAM	1	0	16.57	16.44	16.47		
3	64QAM	1	8	16.44	16.58	16.59	18	0
3	64QAM	1	14	16.38	16.39	16.54		
3	64QAM	8	0	16.57	16.37	16.52		
3	64QAM	8	4	16.38	16.59	16.53	18	0
3	64QAM	8	7	16.46	16.50	16.51		
3	64QAM	15	0	16.38	16.45	16.59		
3	256QAM	1	0	16.58	16.54	16.52		
3	256QAM	1	8	16.40	16.51	16.52	18	0
3	256QAM	1	14	16.53	16.42	16.48		
3	256QAM	8	0	16.58	16.45	16.54		
3	256QAM	8	4	16.44	16.43	16.60	18	0
3	256QAM	8	7	16.49	16.48	16.45		
3	256QAM	15	0	16.57	16.41	16.53		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.43	16.65	16.56		
1.4	QPSK	1	3	16.47	16.55	16.61		
1.4	QPSK	1	5	16.41	16.50	16.59	18	0
1.4	QPSK	3	0	16.40	16.62	16.60		
1.4	QPSK	3	1	16.59	16.43	16.61		
1.4	QPSK	3	3	16.49	16.57	16.40		
1.4	QPSK	6	0	16.51	16.45	16.47	18	0
1.4	16QAM	1	0	16.47	16.44	16.48		
1.4	16QAM	1	3	16.56	16.51	16.47		
1.4	16QAM	1	5	16.47	16.47	16.65	18	0
1.4	16QAM	3	0	16.48	16.41	16.45		
1.4	16QAM	3	1	16.52	16.46	16.65		
1.4	16QAM	3	3	16.39	16.51	16.46		
1.4	16QAM	6	0	16.46	16.46	16.37	18	0
1.4	64QAM	1	0	16.59	16.54	16.50		
1.4	64QAM	1	3	16.43	16.57	16.43		
1.4	64QAM	1	5	16.40	16.50	16.44	18	0
1.4	64QAM	3	0	16.47	16.48	16.44		
1.4	64QAM	3	1	16.40	16.59	16.52		
1.4	64QAM	3	3	16.38	16.50	16.54		
1.4	64QAM	6	0	16.43	16.51	16.63	18	0
1.4	256QAM	1	0	16.57	16.46	16.60		
1.4	256QAM	1	3	16.36	16.38	16.40		
1.4	256QAM	1	5	16.48	16.45	16.37	18	0
1.4	256QAM	3	0	16.46	16.58	16.46		
1.4	256QAM	3	1	16.34	16.43	16.43		
1.4	256QAM	3	3	16.40	16.48	16.42		
1.4	256QAM	6	0	16.61	16.34	16.63	18	0

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BW [MHz]	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	16.76	16.80	16.72		
20	QPSK	1	49	16.69	16.79	16.72	18	0
20	QPSK	1	99	16.66	16.72	16.67		
20	QPSK	50	0	16.64	16.77	16.70		
20	QPSK	50	24	16.68	16.71	16.76	18	0
20	QPSK	50	50	16.75	16.68	16.71		
20	QPSK	100	0	16.67	16.72	16.68		
20	16QAM	1	0	16.70	16.62	16.63		
20	16QAM	1	49	16.70	16.72	16.76	18	0
20	16QAM	1	99	16.64	16.69	16.75		
20	16QAM	50	0	16.61	16.72	16.73		
20	16QAM	50	24	16.72	16.66	16.79	18	0
20	16QAM	50	50	16.69	16.75	16.72		
20	16QAM	100	0	16.75	16.60	16.64		
20	64QAM	1	0	16.71	16.71	16.69		
20	64QAM	1	49	16.74	16.76	16.69	18	0
20	64QAM	1	99	16.70	16.67	16.64		
20	64QAM	50	0	16.77	16.72	16.71		
20	64QAM	50	24	16.63	16.68	16.68	18	0
20	64QAM	50	50	16.66	16.70	16.68		
20	64QAM	100	0	16.71	16.69	16.72		
20	256QAM	1	0	16.69	16.66	16.65		
20	256QAM	1	49	16.72	16.69	16.69	18	0
20	256QAM	1	99	16.75	16.75	16.67		
20	256QAM	50	0	16.64	16.75	16.62		
20	256QAM	50	24	16.67	16.76	16.75	18	0
20	256QAM	50	50	16.67	16.72	16.75		
20	256QAM	100	0	16.72	16.70	16.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.68	16.69	16.57		
15	QPSK	1	37	16.57	16.71	16.59	18	0
15	QPSK	1	74	16.63	16.68	16.63		
15	QPSK	36	0	16.49	16.75	16.69		
15	QPSK	36	20	16.61	16.68	16.75	18	0
15	QPSK	36	39	16.72	16.50	16.59		
15	QPSK	75	0	16.62	16.63	16.61		
15	16QAM	1	0	16.62	16.56	16.63		
15	16QAM	1	37	16.54	16.71	16.65	18	0
15	16QAM	1	74	16.52	16.54	16.65		
15	16QAM	36	0	16.56	16.67	16.66		
15	16QAM	36	20	16.61	16.46	16.66	18	0
15	16QAM	36	39	16.66	16.72	16.72		
15	16QAM	75	0	16.61	16.52	16.54		
15	64QAM	1	0	16.55	16.66	16.61		
15	64QAM	1	37	16.70	16.62	16.68	18	0
15	64QAM	1	74	16.50	16.61	16.62		
15	64QAM	36	0	16.60	16.65	16.65		
15	64QAM	36	20	16.43	16.52	16.66	18	0
15	64QAM	36	39	16.51	16.60	16.59		
15	64QAM	75	0	16.67	16.68	16.67		
15	256QAM	1	0	16.60	16.65	16.50		
15	256QAM	1	37	16.63	16.62	16.60	18	0
15	256QAM	1	74	16.63	16.70	16.47		
15	256QAM	36	0	16.62	16.55	16.62		
15	256QAM	36	20	16.64	16.58	16.63	18	0
15	256QAM	36	39	16.65	16.69	16.74		
15	256QAM	75	0	16.71	16.55	16.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.66	16.62	16.61		
10	QPSK	1	25	16.62	16.66	16.71	18	0
10	QPSK	1	49	16.48	16.58	16.67		
10	QPSK	25	0	16.59	16.66	16.68		
10	QPSK	25	12	16.66	16.56	16.67	18	0
10	QPSK	25	25	16.66	16.68	16.56		
10	QPSK	50	0	16.58	16.54	16.59		
10	16QAM	1	0	16.55	16.57	16.60		
10	16QAM	1	25	16.66	16.63	16.67	18	0
10	16QAM	1	49	16.58	16.61	16.69		
10	16QAM	25	0	16.48	16.63	16.71		
10	16QAM	25	12	16.70	16.52	16.70	18	0
10	16QAM	25	25	16.62	16.72	16.59		
10	16QAM	50	0	16.56	16.50	16.61		
10	64QAM	1	0	16.57	16.64	16.52		
10	64QAM	1	25	16.59	16.76	16.63	18	0
10	64QAM	1	49	16.68	16.54	16.61		
10	64QAM	25	0	16.71	16.55	16.54		
10	64QAM	25	12	16.59	16.62	16.59	18	0
10	64QAM	25	25	16.53	16.65	16.49		
10	64QAM	50	0	16.62	16.69	16.57		
10	256QAM	1	0	16.50	16.63	16.66		
10	256QAM	1	25	16.68	16.50	16.69	18	0
10	256QAM	1	49	16.62	16.69	16.62		
10	256QAM	25	0	16.44	16.61	16.50		
10	256QAM	25	12	16.55	16.67	16.71	18	0
10	256QAM	25	25	16.49	16.67	16.64		
10	256QAM	50	0	16.70	16.57	16.59		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.61	16.66	16.68		
5	QPSK	1	12	16.67	16.66	16.69	18	0
5	QPSK	1	24	16.61	16.64	16.50		
5	QPSK	12	0	16.53	16.74	16.54		
5	QPSK	12	7	16.62	16.62	16.56	18	0
5	QPSK	12	13	16.61	16.59	16.58		
5	QPSK	25	0	16.59	16.70	16.52		
5	16QAM	1	0	16.69	16.55	16.51		
5	16QAM	1	12	16.65	16.57	16.75	18	0
5	16QAM	1	24	16.50	16.52	16.58		
5	16QAM	12	0	16.58	16.66	16.57		
5	16QAM	12	7	16.56	16.60	16.64	18	0
5	16QAM	12	13	16.53	16.70	16.55		
5	16QAM	25	0	16.59	16.56	16.54		
5	64QAM	1	0	16.61	16.60	16.50		
5	64QAM	1	12	16.60	16.62	16.63	18	0
5	64QAM	1	24	16.64	16.48	16.45		
5	64QAM	12	0	16.59	16.58	16.58		
5	64QAM	12	7	16.60	16.67	16.63	18	0
5	64QAM	12	13	16.53	16.70	16.50		
5	64QAM	25	0	16.68	16.68	16.68		
5	256QAM	1	0	16.49	16.58	16.50		
5	256QAM	1	12	16.62	16.67	16.56	18	0
5	256QAM	1	24	16.70	16.68	16.64		
5	256QAM	12	0	16.55	16.74	16.45		
5	256QAM	12	7	16.47	16.73	16.74	18	0
5	256QAM	12	13	16.55	16.52	16.55		
5	256QAM	25	0	16.67	16.54	16.70		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.69	16.75	16.69		
3	QPSK	1	8	16.58	16.76	16.61	18	0
3	QPSK	1	14	16.65	16.56	16.50		
3	QPSK	8	0	16.44	16.71	16.69		
3	QPSK	8	4	16.66	16.55	16.60	18	0
3	QPSK	8	7	16.58	16.65	16.65		
3	QPSK	15	0	16.59	16.53	16.60		
3	16QAM	1	0	16.64	16.49	16.46		
3	16QAM	1	8	16.60	16.60	16.63	18	0
3	16QAM	1	14	16.47	16.58	16.67		
3	16QAM	8	0	16.42	16.71	16.72		
3	16QAM	8	4	16.60	16.65	16.77	18	0
3	16QAM	8	7	16.56	16.58	16.55		
3	16QAM	15	0	16.59	16.51	16.51		
3	64QAM	1	0	16.51	16.64	16.62		
3	64QAM	1	8	16.56	16.56	16.54	18	0
3	64QAM	1	14	16.69	16.49	16.60		
3	64QAM	8	0	16.59	16.56	16.67		
3	64QAM	8	4	16.60	16.65	16.55	18	0
3	64QAM	8	7	16.65	16.62	16.57		
3	64QAM	15	0	16.59	16.66	16.60		
3	256QAM	1	0	16.52	16.60	16.52		
3	256QAM	1	8	16.67	16.56	16.69	18	0
3	256QAM	1	14	16.70	16.62	16.59		
3	256QAM	8	0	16.64	16.62	16.61		
3	256QAM	8	4	16.49	16.74	16.66	18	0
3	256QAM	8	7	16.57	16.59	16.67		
3	256QAM	15	0	16.56	16.56	16.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.73	16.67	16.57		
1.4	QPSK	1	3	16.61	16.72	16.60		
1.4	QPSK	1	5	16.54	16.69	16.62	18	0
1.4	QPSK	3	0	16.45	16.67	16.55		
1.4	QPSK	3	1	16.66	16.65	16.73		
1.4	QPSK	3	3	16.72	16.64	16.61		
1.4	QPSK	6	0	16.66	16.57	16.50	18	0
1.4	16QAM	1	0	16.59	16.49	16.63		
1.4	16QAM	1	3	16.57	16.63	16.59		
1.4	16QAM	1	5	16.48	16.59	16.73	18	0
1.4	16QAM	3	0	16.44	16.71	16.68		
1.4	16QAM	3	1	16.66	16.61	16.66		
1.4	16QAM	3	3	16.55	16.60	16.62		
1.4	16QAM	6	0	16.55	16.46	16.49	18	0
1.4	64QAM	1	0	16.67	16.52	16.68		
1.4	64QAM	1	3	16.68	16.56	16.59		
1.4	64QAM	1	5	16.65	16.58	16.60	18	0
1.4	64QAM	3	0	16.66	16.67	16.60		
1.4	64QAM	3	1	16.44	16.50	16.66		
1.4	64QAM	3	3	16.56	16.60	16.58		
1.4	64QAM	6	0	16.61	16.55	16.60	18	0
1.4	256QAM	1	0	16.62	16.54	16.64		
1.4	256QAM	1	3	16.69	16.52	16.64		
1.4	256QAM	1	5	16.59	16.71	16.48	18	0
1.4	256QAM	3	0	16.56	16.70	16.48		
1.4	256QAM	3	1	16.61	16.70	16.69		
1.4	256QAM	3	3	16.55	16.54	16.58		
1.4	256QAM	6	0	16.61	16.57	16.71	18	0

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BW [MHz]	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.91	22.89		
20	QPSK	1	49	22.62	22.64	22.77	24	0
20	QPSK	1	99	22.75	22.68	22.63		
20	QPSK	50	0	21.79	21.87	21.62		
20	QPSK	50	24	21.81	21.75	21.81	23	1
20	QPSK	50	50	21.62	21.61	21.56		
20	QPSK	100	0	21.72	21.79	21.73		
20	16QAM	1	0	21.63	21.88	21.68		
20	16QAM	1	49	21.70	21.78	21.65	23	1
20	16QAM	1	99	21.72	21.73	21.70		
20	16QAM	50	0	20.70	20.79	20.62		
20	16QAM	50	24	20.93	20.72	20.85	22	2
20	16QAM	50	50	20.65	20.60	20.59		
20	16QAM	100	0	20.83	20.74	20.76		
20	64

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BW [MHz]	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	18.74	18.81	18.73		
20	QPSK	1	49	18.68	18.79	18.63	20	0
20	QPSK	1	99	18.74	18.73	18.73		
20	QPSK	50	0	18.70	18.79	18.66		
20	QPSK	50	24	18.72	18.72	18.71	20	0
20	QPSK	50	50	18.75	18.65	18.76		
20	QPSK	100	0	18.73	18.76	18.68		
20	16QAM	1	0	18.64	18.71	18.74		
20	16QAM	1	49	18.69	18.69	18.77	20	0
20	16QAM	1	99	18.67	18.65	18.79		
20	16QAM	50	0	18.68	18.66	18.68		
20	16QAM	50	24	18.74	18.69	18.78	20	0
20	16QAM	50	50	18.69	18.69	18.79		
20	16QAM	100	0	18.80	18.70	18.64		
20	64QAM	1	0	18.74	18.63	18.61		
20	64QAM	1	49	18.65	18.77	18.66	20	0
20	64QAM	1	99	18.70	18.64	18.64		
20	64QAM	50	0	18.74	18.62	18.71		
20	64QAM	50	24	18.61	18.74	18.76	20	0
20	64QAM	50	50	18.66	18.70	18.79		
20	64QAM	100	0	18.67	18.66	18.73		
20	256QAM	1	0	18.67	18.64	18.72		
20	256QAM	1	49	18.68	18.76	18.64	19	1
20	256QAM	1	99	18.74	18.69	18.66		
20	256QAM	50	0	18.68	18.63	18.64		
20	256QAM	50	24	18.69	18.69	18.74	19	1
20	256QAM	50	50	18.70	18.75	18.76		
20	256QAM	100	0	18.78	18.59	18.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.62	18.80	18.67		
15	QPSK	1	37	18.62	18.63	18.60	20	0
15	QPSK	1	74	18.68	18.56	18.65		
15	QPSK	36	0	18.55	18.76	18.59		
15	QPSK	36	20	18.64	18.62	18.66	20	0
15	QPSK	36	39	18.73	18.58	18.67		
15	QPSK	75	0	18.72	18.75	18.66		
15	16QAM	1	0	18.61	18.54	18.63		
15	16QAM	1	37	18.53	18.52	18.70	20	0
15	16QAM	1	74	18.48	18.54	18.73		
15	16QAM	36	0	18.64	18.61	18.64		
15	16QAM	36	20	18.73	18.57	18.62	20	0
15	16QAM	36	39	18.56	18.52	18.61		
15	16QAM	75	0	18.72	18.58	18.50		
15	64QAM	1	0	18.70	18.48	18.43		
15	64QAM	1	37	18.52	18.61	18.60	20	0
15	64QAM	1	74	18.60	18.57	18.57		
15	64QAM	36	0	18.57	18.52	18.53		
15	64QAM	36	20	18.60	18.56	18.60	20	0
15	64QAM	36	39	18.60	18.64	18.66		
15	64QAM	75	0	18.53	18.66	18.72		
15	256QAM	1	0	18.57	18.62	18.72		
15	256QAM	1	37	18.57	18.60	18.47	19	1
15	256QAM	1	74	18.58	18.59	18.54		
15	256QAM	36	0	18.58	18.55	18.57		
15	256QAM	36	20	18.54	18.58	18.60	19	1
15	256QAM	36	39	18.51	18.57	18.62		
15	256QAM	75	0	18.69	18.42	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.62	18.68	18.57		
10	QPSK	1	25	18.66	18.77	18.51	20	0
10	QPSK	1	49	18.65	18.73	18.65		
10	QPSK	25	0	18.61	18.69	18.59		
10	QPSK	25	12	18.55	18.59	18.63	20	0
10	QPSK	25	25	18.74	18.49	18.62		
10	QPSK	50	0	18.67	18.67	18.66		
10	16QAM	1	0	18.51	18.62	18.71		
10	16QAM	1	25	18.57	18.58	18.73	20	0
10	16QAM	1	49	18.59	18.48	18.62		
10	16QAM	25	0	18.61	18.48	18.61		
10	16QAM	25	12	18.60	18.68	18.65	20	0
10	16QAM	25	25	18.61	18.65	18.69		
10	16QAM	50	0	18.64	18.55	18.53		
10	64QAM	1	0	18.64	18.52	18.47		
10	64QAM	1	25	18.62	18.59	18.54	20	0
10	64QAM	1	49	18.51	18.44	18.52		
10	64QAM	25	0	18.59	18.46	18.69		
10	64QAM	25	12	18.48	18.73	18.60	20	0
10	64QAM	25	25	18.61	18.59	18.69		
10	64QAM	50	0	18.62	18.62	18.66		
10	256QAM	1	0	18.49	18.50	18.56		
10	256QAM	1	25	18.52	18.74	18.57	19	1
10	256QAM	1	49	18.54	18.60	18.46		
10	256QAM	25	0	18.67	18.47	18.48		
10	256QAM	25	12	18.66	18.58	18.57	19	1
10	256QAM	25	25	18.58	18.58	18.76		
10	256QAM	50	0	18.67	18.40	18.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.61	18.78	18.64		
5	QPSK	1	12	18.61	18.63	18.50	20	0
5	QPSK	1	24	18.73	18.62	18.65		
5	QPSK	12	0	18.65	18.73	18.58		
5	QPSK	12	7	18.59	18.58	18.58	20	0
5	QPSK	12	13	18.75	18.57	18.63		
5	QPSK	25	0	18.72	18.70	18.55		
5	16QAM	1	0	18.62	18.64	18.59		
5	16QAM	1	12	18.68	18.53	18.75	20	0
5	16QAM	1	24	18.49	18.51	18.72		
5	16QAM	12	0	18.59	18.50	18.58		
5	16QAM	12	7	18.59	18.56	18.76	20	0
5	16QAM	12	13	18.67	18.67	18.72		
5	16QAM	25	0	18.61	18.54	18.47		
5	64QAM	1	0	18.68	18.44	18.54		
5	64QAM	1	12	18.54	18.71	18.63	20	0
5	64QAM	1	24	18.57	18.51	18.57		
5	64QAM	12	0	18.70	18.53	18.68		
5	64QAM	12	7	18.47	18.60	18.63	20	0
5	64QAM	12	13	18.47	18.70	18.78		
5	64QAM	25	0	18.51	18.54	18.63		
5	256QAM	1	0	18.60	18.46	18.66		
5	256QAM	1	12	18.52	18.60	18.54	19	1
5	256QAM	1	24	18.72	18.60	18.55		
5	256QAM	12	0	18.52	18.53	18.56		
5	256QAM	12	7	18.52	18.50	18.69	19	1
5	256QAM	12	13	18.70	18.63	18.74		
5	256QAM	25	0	18.60	18.54	18.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.46			
10	QPSK	1	25		20.33		21.5	0
10	QPSK	1	49		20.36			
10	QPSK	25	0		20.44			
10	QPSK	25	12		20.23		21.5	0
10	QPSK	25	25		20.29			
10	QPSK	50	0		20.37			
10	16QAM	1	0		20.25			
10	16QAM	1	25		20.40		21.5	0
10	16QAM	1	49		20.41			
10	16QAM	25	0		20.22			
10	16QAM	25	12		20.39		21.5	0
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.32			
10	64QAM	1	0		20.39			
10	64QAM	1	25		20.35		21.5	0
10	64QAM	1	49		20.31			
10	64QAM	25	0		20.37			
10	64QAM	25	12		20.34		21	0.5
10	64QAM	25	25		20.43			
10	64QAM	50	0		20.42			
10	256QAM	1	0		18.16			
10	256QAM	1	25		18.10		19	2.5
10	256QAM	1	49		18.04			
10	256QAM	25	0		18.02			
10	256QAM	25	12		17.90		19	2.5
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.91			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.35	20.38	20.39		
5	QPSK	1	12	20.20	20.25	20.24	21.5	0
5	QPSK	1	24	20.26	20.24	20.28		
5	QPSK	12	0	20.37	20.35	20.32		
5	QPSK	12	7	20.19	20.17	20.17	21.5	0
5	QPSK	12	13	20.19	20.25	20.21		
5	QPSK	25	0	20.24	20.25	20.26		
5	16QAM	1	0	20.11	20.13	20.15		
5	16QAM	1	12	20.36	20.30	20.32	21.5	0
5	16QAM	1	24	20.37	20.32	20.35		
5	16QAM	12	0	20.10	20.11	20.17		
5	16QAM	12	7	20.26	20.28	20.30	21.5	0
5	16QAM	12	13	20.25	20.30	20.30		
5	16QAM	25	0	20.23	20.23	20.24		
5	64QAM	1	0	20.34	20.26	20.25		
5	64QAM	1	12	20.23	20.22	20.23	21.5	0
5	64QAM	1	24	20.18	20.17	20.17		
5	64QAM	12	0	20.31	20.24	20.30		
5	64QAM	12	7	20.28	20.29	20.19	21	0.5
5	64QAM	12	13	20.28	20.38	20.29		
5	64QAM	25	0	20.32	20.32	20.34		
5	256QAM	1	0	18.08	18.18	18.14		
5	256QAM	1	12	17.93	18.07	18.04	19	2.5
5	256QAM	1	24	18.06	17.98	18.02		
5	256QAM	12	0	17.77	17.89	17.74		
5	256QAM	12	7	18.08	17.82	18.03	19	2.5
5	256QAM	12	13	17.64	17.79	17.62		
5	256QAM	25	0	17.57	17.85	17.69		

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BW [MHz]	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	22.23	22.34	22.32	22.5	0
20	QPSK	1	49	22.32	22.27	22.17		
20	QPSK	1	99	22.15	22.32	22.31		
20	QPSK	50	0	22.25	22.32	22.28		
20	QPSK	50	24	22.30	22.28	22.23	22.5	0
20	QPSK	50	50	22.21	22.28	22.19		
20	QPSK	100	0	22.17	22.25	22.24		
20	16QAM	1	0	22.23	22.15	22.28		
20	16QAM	1	49	22.18	22.26	22.22	22.5	0
20	16QAM	1	99	22.26	22.18	22.24		
20	16QAM	50	0	20.71	20.74	20.66		
20	16QAM	50	24	20.53	20.61	20.53	21.5	1
20	16QAM	50	50	20.53	20.65	20.60		
20	16QAM	100	0	20.65	20.69	20.52		
20	64QAM	1	0	20.61	20.63	20.56		
20	64QAM	1	49	20.44	20.47	20.50	21.5	1
20	64QAM	1	99	20.42	20.50	20.47		
20	64QAM	50	0	19.73	19.77	19.67		
20	64QAM	50	24	19.69	19.71	19.62	20.5	2
20	64QAM	50	50	19.62	19.68	19.56		
20	64QAM	100	0	19.54	19.66	19.58		
20	256QAM	1	0	17.69	17.66	17.60		
20	256QAM	1	49	17.56	17.66	17.63	18.5	4
20	256QAM	1	99	17.58	17.70	17.56		
20	256QAM	50	0	17.72	17.75	17.67		
20	256QAM	50	24	17.60	17.81	17.58	18.5	4
20	256QAM	50	50	17.53	17.73	17.53		
20	256QAM	100	0	17.68	17.72	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.14	22.26	22.21	22.5	0
15	QPSK	1	37	22.22	22.14	22.12		
15	QPSK	1	74	21.99	22.27	22.23		
15	QPSK	36	0	22.12	22.16	22.22		
15	QPSK	36	20	22.26	22.17	22.19	22.5	0
15	QPSK	36	39	22.08	22.18	22.05		
15	QPSK	75	0	22.04	22.16	22.09		
15	16QAM	1	0	22.14	22.03	22.23		
15	16QAM	1	37	22.13	22.19	22.17	22.5	0
15	16QAM	1	74	22.21	22.10	22.15		
15	16QAM	36	0	20.56	20.66	20.51		
15	16QAM	36	20	20.39	20.50	20.48	21.5	1
15	16QAM	36	39	20.42	20.48	20.45		
15	16QAM	75	0	20.49	20.62	20.39		
15	64QAM	1	0	20.47	20.50	20.44		
15	64QAM	1	37	20.40	20.41	20.38	21.5	1
15	64QAM	1	74	20.33	20.46	20.36		
15	64QAM	36	0	19.67	19.61	19.61		
15	64QAM	36	20	19.55	19.62	19.54	20.5	2
15	64QAM	36	39	19.46	19.61	19.49		
15	64QAM	75	0	19.47	19.59	19.53		
15	256QAM	1	0	17.58	17.58	17.51		
15	256QAM	1	37	17.39	17.52	17.52	18.5	4
15	256QAM	1	74	17.55	17.54	17.50		
15	256QAM	36	0	17.65	17.72	17.62		
15	256QAM	36	20	17.56	17.65	17.47	18.5	4
15	256QAM	36	39	17.37	17.62	17.38		
15	256QAM	75	0	17.54	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.15	22.29	22.20	22.5	0
10	QPSK	1	25	22.27	22.11	22.12		
10	QPSK	1	49	22.08	22.22	22.24		
10	QPSK	25	0	22.15	22.27	22.13		
10	QPSK	25	12	22.25	22.23	22.08	22.5	0
10	QPSK	25	25	22.09	22.22	22.10		
10	QPSK	50	0	22.06	22.20	22.11		
10	16QAM	1	0	22.18	22.05	22.23		
10	16QAM	1	25	22.04	22.14	22.13	22.5	0
10	16QAM	1	49	22.14	22.13	22.10		
10	16QAM	25	0	20.56	20.59	20.50		
10	16QAM	25	12	20.37	20.52	20.37	21.5	1
10	16QAM	25	25	20.48	20.59	20.44		
10	16QAM	50	0	20.58	20.62	20.40		
10	64QAM	1	0	20.49	20.49	20.52		
10	64QAM	1	25	20.38	20.32	20.43	21.5	1
10	64QAM	1	49	20.32	20.36	20.41		
10	64QAM	25	0	19.62	19.62	19.58		
10	64QAM	25	12	19.55	19.54	19.58	20.5	2
10	64QAM	25	25	19.58	19.59	19.47		
10	64QAM	50	0	19.43	19.62	19.47		
10	256QAM	1	0	17.62	17.61	17.45		
10	256QAM	1	25	17.50	17.55	17.53	18.5	4
10	256QAM	1	49	17.50	17.54	17.52		
10	256QAM	25	0	17.57	17.60	17.60		
10	256QAM	25	12	17.48	17.77	17.43	18.5	4
10	256QAM	25	25	17.46	17.67	17.43		
10	256QAM	50	0	17.52	17.56	17.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.07	22.29	22.25	22.5	0
5	QPSK	1	12	22.26	22.13	22.07		
5	QPSK	1	24	22.10	22.19	22.20		
5	QPSK	12	0	22.11	22.19	22.12		
5	QPSK	12	7	22.15	22.16	22.13	22.5	0
5	QPSK	12	13	22.17	22.14	22.15		
5	QPSK	25	0	22.05	22.12	22.19		
5	16QAM	1	0	22.13	22.04	22.23		
5	16QAM	1	12	22.10	22.11	22.16	22.5	0
5	16QAM	1	24	22.16	22.08	22.17		
5	16QAM	12	0	20.65	20.64	20.54		
5	16QAM	12	7	20.40	20.51	20.41	21.5	1
5	16QAM	12	13	20.36	20.48	20.47		
5	16QAM	25	0	20.53	20.65	20.42		
5	64QAM	1	0	20.54	20.54	20.43		
5	64QAM	1	12	20.32	20.36	20.43	21.5	1
5	64QAM	1	24	20.35	20.47	20.39		
5	64QAM	12	0	19.70	19.69	19.59		
5	64QAM	12	7	19.66	19.60	19.54	20.5	2
5	64QAM	12	13	19.48	19.56	19.40		
5	64QAM	25	0	19.42	19.50	19.47		
5	256QAM	1	0	17.62	17.63	17.51		
5	256QAM	1	12	17.49	17.50	17.49	18.5	4
5	256QAM	1	24	17.45	17.62	17.51		
5	256QAM	12	0	17.66	17.72	17.51		
5	256QAM	12	7	17.43	17.76	17.45	18.5	4
5	256QAM	12	13	17.39	17.57	17.43		
5	256QAM	25	0	17.52	17.59	17.50		

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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	21.44	21.50	21.53	21.37	21.47	22.5	0
20	QPSK	1	49	21.32	21.33	21.49	21.25	21.41		
20	QPSK	1	99	21.25	21.34	21.38	21.30	21.43		
20	QPSK	50	0	20.64	20.61	20.81	20.77	20.72		
20	QPSK	50	24	20.57	20.67	20.61	20.59	20.66	22	0.5
20	QPSK	50	50	20.55	20.58	20.52	20.73	20.50		
20	QPSK	100	0	20.66	20.78	20.80	20.77	20.67		
20	16QAM	1	0	20.71	20.59	20.69	20.60	20.64		
20	16QAM	1	49	20.67	20.59	20.68	20.69	20.55	22	0.5
20	16QAM	1	99	20.55	20.52	20.44	20.63	20.56		
20	16QAM	50	0	19.67	19.63	19.77	19.81	19.69		
20	16QAM	50	24	19.59	19.56	19.46	19.58	19.57	21	1.5
20	16QAM	50	50	19.63	19.65	19.47	19.64	19.55		
20	16QAM	100	0	19.46	19.51	19.62	19.71	19.52		
20	64QAM	1	0	19.52	19.54	19.65	19.61	19.57		
20	64QAM	1	49	19.51	19.49	19.45	19.52	19.47	21	1.5
20	64QAM	1	99	19.47	19.49	19.48	19.54	19.53		
20	64QAM	50	0	18.63	18.62	18.75	18.78	18.70		
20	64QAM	50	24	18.64	18.68	18.69	18.78	18.60	20	2.5
20	64QAM	50	50	18.49	18.57	18.57	18.71	18.53		
20	64QAM	100	0	18.57	18.52	18.49	18.71	18.64		
20	256QAM	1	0	16.58	16.63	16.62	16.73	16.62		
20	256QAM	1	49	16.64	16.61	16.53	16.73	16.68	18	4.5
20	256QAM	1	99	16.55	16.63	16.61	16.72	16.55		
20	256QAM	50	0	16.65	16.67	16.66	16.74	16.64		
20	256QAM	50	24	16.57	16.57	16.56	16.88	16.52	18	4.5
20	256QAM	50	50	16.47	16.58	16.47	16.69	16.52		
20	256QAM	100	0	16.66	16.58	16.62	16.76	16.69		
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	21.36	21.31	21.34	21.25	21.47	23	0
15	QPSK	1	37	21.30	21.16	21.45	21.22	21.25		
15	QPSK	1	74	21.17	21.17	21.26	21.25	21.28		
15	QPSK	36	0	20.57	20.55	20.70	20.71	20.64		
15	QPSK	36	20	20.44	20.54	20.45	20.48	20.59	22	0.5
15	QPSK	36	39	20.43	20.54	20.43	20.62	20.42		
15	QPSK	75	0	20.56	20.75	20.67	20.65	20.61		
15	16QAM	1	0	20.62	20.45	20.61	20.51	20.49		
15	16QAM	1	37	20.57	20.50	20.55	20.63	20.49	22	0.5
15	16QAM	1	74	20.51	20.45	20.34	20.50	20.41		
15	16QAM	36	0	19.54	19.51	19.64	19.74	19.63		
15	16QAM	36	20	19.56	19.51	19.41	19.49	19.43	21	1.5
15	16QAM	36	39	19.46	19.61	19.41	19.58	19.44		
15	16QAM	75	0	19.39	19.44	19.57	19.67	19.46		
15	64QAM	1	0	19.40	19.45	19.58	19.55	19.50		
15	64QAM	1	37	19.36	19.32	19.38	19.43	19.36	21	1.5
15	64QAM	1	74	19.37	19.45	19.33	19.42	19.44		
15	64QAM	36	0	18.48	18.46	18.59	18.70	18.60		
15	64QAM	36	20	18.48	18.59	18.52	18.67	18.51	20	2.5
15	64QAM	36	39	18.46	18.48	18.41	18.58	18.48		
15	64QAM	75	0	18.54	18.36	18.45	18.60	18.52		
15	256QAM	1	0	16.48	16.56	16.59	16.62	16.49		
15	256QAM	1	37	16.56	16.55	16.38	16.56	16.54	18	4.5
15	256QAM	1	74	16.48	16.55	16.44	16.60	16.49		
15	256QAM	36	0	16.58	16.52	16.52	16.59	16.53		
15	256QAM	36	20	16.47	16.47	16.50	16.72	16.37	18	4.5
15	256QAM	36	39	16.36	16.51	16.42	16.63	16.39		
15	256QAM	75	0	16.62	16.53	16.49	16.62	16.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.29	21.33	21.46	21.27	21.35	23	0
10	QPSK	1	25	21.22	21.26	21.37	21.12	21.33		
10	QPSK	1	49	21.09	21.21	21.29	21.28	21.29		
10	QPSK	25	0	20.60	20.52	20.73	20.65	20.66		
10	QPSK	25	12	20.50	20.64	20.44	20.51	20.55	22	0.5
10	QPSK	25	25	20.47	20.52	20.39	20.67	20.37		
10	QPSK	50	0	20.49	20.69	20.66	20.66	20.51		
10	16QAM	1	0	20.54	20.48	20.58	20.56	20.54		
10	16QAM	1	25	20.62	20.46	20.46	20.65	20.49	22	0.5
10	16QAM	1	49	20.48	20.44	20.29	20.49	20.39		
10	16QAM	25	0	19.63	19.47	19.71	19.75	19.63		
10	16QAM	25	12	19.53	19.42	19.38	19.54	19.42	21	1.5
10	16QAM	25	25	19.48	19.61	19.36	19.55	19.40		
10	16QAM	50	0	19.32	19.38	19.58	19.60	19.37		
10	64QAM	1	0	19.44	19.41	19.55	19.48	19.46		
10	64QAM	1	25	19.47	19.43	19.42	19.49	19.40	21	1.5
10	64QAM	1	49	19.40	19.35	19.33	19.43	19.37		
10	64QAM	25	0	18.53	18.49	18.67	18.74	18.57		
10	64QAM	25	12	18.48	18.54	18.64	18.62	18.51	20	2.5
10	64QAM	25	25	18.39	18.40	18.40	18.56	18.43		
10	64QAM	50	0	18.43	18.40	18.42	18.58	18.48		
10	256QAM	1	0	16.52	16.55	16.50	16.58	16.48		
10	256QAM	1	25	16.50	16.52	16.50	16.61	16.56	18	4.5
10	256QAM	1	49	16.43	16.53	16.51	16.64	16.45		
10	256QAM	25	0	16.51	16.53	16.52	16.63	16.60		
10	256QAM	25	12	16.53	16.50	16.40	16.79	16.39	18	4.5
10	256QAM	25	25	16.43	16.54	16.37	16.61	16.45		
10	256QAM	50	0	16.57	16.49	16.47	16.59	16.61		
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	21.26	21.42	21.38	21.27	21.44	23	0
5	QPSK	1	12	21.16	21.17	21.34	21.20	21.29		
5	QPSK	1	24	21.15	21.26	21.33	21.19	21.31		
5	QPSK	12	0	20.50	20.52	20.73	20.65	20.64		
5	QPSK	12	7	20.53	20.51	20.53	20.44	20.53	22	0.5
5	QPSK	12	13	20.49	20.46	20.38	20.60	20.38		
5	QPSK	25	0	20.61	20.74	20.67	20.64	20.55		
5	16QAM	1	0	20.62	20.55	20.54	20.49	20.57		
5	16QAM	1	12	20.52	20.56	20.48	20.61	20.42	22	0.5
5	16QAM	1	24	20.52	20.37	20.27	20.52	20.40		
5	16QAM	12	0	19.51	19.56	19.63	19.73	19.61		
5	16QAM	12	7	19.44	19.50	19.32	19.42	19.49	21	1.5
5	16QAM	12	13	19.46	19.49	19.35	19.59	19.45		
5	16QAM	25	0	19.42	19.35	19.58	19.55	19.42		
5	64QAM	1	0	19.45	19.41	19.50	19.46	19.51		
5	64QAM	1	12	19.37	19.45	19.41	19.46	19.33	21	1.5
5	64QAM	1	24	19.32	19.40	19.39	19.41	19.39		
5	64QAM	12	0	18.53	18.51	18.69	18.64	18.55		
5	64QAM	12	7	18.51	18.52	18.73	18.73	18.43	20	2.5
5	64QAM	12	13	18.39	18.53	18.48	18.55	18.38		
5	64QAM	25	0	18.40	18.49	18.39	18.60	18.50		
5	256QAM	1	0	16.55	16.47	16.57	16.65	16.50		
5	256QAM	1	12	16.60	16.56	16.41	16.61	16.61	18	4.5
5	256QAM	1	24	16.48	16.47	16.49	16.60	16.41		
5	256QAM	12	0	16.56	16.54	16.54	16.59	16.50		
5	256QAM	12	7	16.45	16.48	16.53	16.78	16.43	18	4.5
5	256QAM	12	13	16.35	16.47	16.31	16.59	16.42		
5	256QAM	25	0	16.58	16.49	16.50	16.61	16.57		

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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	23.01	23.05	23.10	22.97	22.99	24	0
20	QPSK	1	49	22.97	22.89	22.93	22.97	22.93		
20	QPSK	1	99	22.84	22.97	22.92	22.91	23.03		
20	QPSK	50	0	23.01	22.95	23.07	22.96	22.98		
20	QPSK	50	24	22.97	23.02	22.87	22.91	22.89	24	0
20	QPSK	50	50	22.92	23.03	22.86	23.06	22.92		
20	QPSK	100	0	22.99	23.03	23.05	22.95	22.88		
20	16QAM	1	0	22.91	22.91	22.97	22.97	22.87		
20	16QAM	1	49	23.00	23.01	23.01	22.91	22.94	24	0
20	16QAM	1	99	22.98	22.95	22.94	22.90	22.98		
20	16QAM	50	0	23.02	23.02	23.03	22.96	23.01		
20	16QAM	50	24	22.93	23.03	22.90	23.03	22.92	24	0
20	16QAM	50	50	22.98	22.98	22.84	22.98	22.96		
20	16QAM	100	0	22.96	22.99	22.86	22.92	22.94		
20	64QAM	1	0	22.86	22.86	22.85	22.90	23.00		
20	64QAM	1	49	23.00	23.01	22.98	22.94	23.00	24	0
20	64QAM	1	99	22.88	22.96	23.03	22.92	22.96		
20	64QAM	50	0	22.36	22.30	22.36	22.40	22.38		
20	64QAM	50	24	22.20	22.19	22.27	22.14	22.28	23	1
20	64QAM	50	50	22.46	22.45	22.43	22.30	22.36		
20	64QAM	100	0	22.40	22.38	22.48	22.38	22.42		
20	256QAM	1	0	20.71	20.60	20.68	20.65	20.59		
20	256QAM	1	49	20.73	20.70	20.81	20.69	20.74	22	2
20	256QAM	1	99	20.71	20.67	20.75	20.73	20.68		
20	256QAM	50	0	20.68	20.78	20.81	20.78	20.71		
20	256QAM	50	24	20.66	20.60	20.73	20.75	20.77	22	2
20	256QAM	50	50	20.59	20.67	20.68	20.68	20.64		
20	256QAM	100	0	20.77	20.66	20.78	20.68	20.64		
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	22.98	22.91	23.00	22.86	22.83	24	0
15	QPSK	1	37	22.93	22.78	22.92	22.88	22.91		
15	QPSK	1	74	22.78	22.94	22.76	22.90	22.84		
15	QPSK	36	0	22.94	22.88	22.97	22.92	22.84		
15	QPSK	36	20	22.91	22.88	22.68	22.78	22.78	24	0
15	QPSK	36	39	22.88	22.92	22.82	22.97	22.80		
15	QPSK	75	0	22.86	22.92	22.97	22.81	22.83		
15	16QAM	1	0	22.87	22.86	22.87	22.96	22.71		
15	16QAM	1	37	22.99	22.82	22.85	22.83	22.82	24	0
15	16QAM	1	74	22.93	22.91	22.85	22.84	22.87		
15	16QAM	36	0	22.97	22.91	22.96	22.95	23.01		
15	16QAM	36	20	22.75	22.86	22.80	23.00	22.74	24	0
15	16QAM	36	39	22.93	22.93	22.77	22.97	22.84		
15	16QAM	75	0	22.94	22.92	22.70	22.91	22.91		
15	64QAM	1	0	22.77	22.85	22.78	22.80	22.86		
15	64QAM	1	37	22.86	22.97	22.93	22.76	23.00	24	0
15	64QAM	1	74	22.80	22.87	22.99	22.74	22.78		
15	64QAM	36	0	22.27	22.16	22.28	22.23	22.23		
15	64QAM	36	20	22.08	22.02	22.20	22.28	22.24	23	1
15	64QAM	36	39	22.30	22.34	22.43	22.14	22.27		
15	64QAM	75	0	22.25	22.37	22.32	22.31	22.38		
15	256QAM	1	0	20.61	20.48	20.64	20.56	20.40		
15	256QAM	1	37	20.69	20.66	20.76	20.55	20.55	22	2
15	256QAM	1	74	20.70	20.60	20.68	20.72	20.53		
15	256QAM	36	0	20.52	20.63	20.63	20.70	20.62		
15	256QAM	36	20	20.52	20.52	20.61	20.70	20.67	22	2
15	256QAM	36	39	20.51	20.61	20.52	20.49	20.50		
15	256QAM	75	0	20.71	20.47	20.69	20.47	20.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.99	23.03	22.93	22.93	24	0
10	QPSK	1	25	22.88	22.77	22.81	22.83	22.91		
10	QPSK	1	49	22.73	22.86	22.80	22.74	22.98		
10	QPSK	25	0	23.00	22.82	22.90	22.83	22.94		
10	QPSK	25	12	22.78	23.01	22.73	22.86	22.82	24	0
10	QPSK	25	25	22.78	22.92	22.73	22.87	22.84		
10	QPSK	50	0	22.92	23.03	23.03	22.85	22.73		
10	16QAM	1	0	22.86	22.80	22.80	22.83	22.84		
10	16QAM	1	25	22.90	22.83	22.90	22.81	22.80	24	0
10	16QAM	1	49	22.89	22.87	22.80	22.83	22.85		
10	16QAM	25	0	22.90	23.02	22.88	22.94	22.91		
10	16QAM	25	12	22.86	22.88	22.89	22.91	22.86	24	0
10	16QAM	25	25	22.93	22.81	22.77	22.92	22.95		
10	16QAM	50	0	22.87	22.85	22.82	22.83	22.86		
10	64QAM	1	0	22.85	22.69	22.84	22.71	22.80		
10	64QAM	1	25

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BW [MHz]	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	13.60	13.74	13.65	14.5	0
20	QPSK	1	49	13.65	13.49	13.55		
20	QPSK	1	99	13.53	13.61	13.69		
20	QPSK	50	0	13.66	13.70	13.60		
20	QPSK	50	24	13.60	13.60	13.60		
20	QPSK	50	50	13.49	13.54	13.55		
20	QPSK	100	0	13.53	13.68	13.65		
20	16QAM	1	0	13.62	13.64	13.56		
20	16QAM	1	49	13.58	13.72	13.61		
20	16QAM	1	99	13.65	13.65	13.64		
20	16QAM	50	0	13.64	13.50	13.71		
20	16QAM	50	24	13.50	13.66	13.61		
20	16QAM	50	50	13.61	13.66	13.57		
20	16QAM	100	0	13.61	13.47	13.64		
20	64QAM	1	0	13.54	13.45	13.65		
20	64QAM	1	49	13.69	13.71	13.65	14.5	0
20	64QAM	1	99	13.59	13.55	13.58		
20	64QAM	50	0	13.66	13.68	13.58		
20	64QAM	50	24	13.67	13.52	13.54		
20	64QAM	50	50	13.61	13.53	13.71		
20	64QAM	100	0	13.59	13.64	13.50		
20	256QAM	1	0	13.55	13.53	13.62		
20	256QAM	1	49	13.52	13.63	13.66		
20	256QAM	1	99	13.58	13.73	13.66		
20	256QAM	50	0	13.63	13.59	13.68		
20	256QAM	50	24	13.64	13.71	13.69		
20	256QAM	50	50	13.63	13.60	13.55		
20	256QAM	100	0	13.55	13.66	13.63		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.43	13.71	13.51		
15	QPSK	1	37	13.47	13.46	13.37		
15	QPSK	1	74	13.40	13.56	13.68		
15	QPSK	36	0	13.66	13.53	13.54		
15	QPSK	36	20	13.51	13.53	13.59		
15	QPSK	36	39	13.34	13.37	13.43		
15	QPSK	75	0	13.37	13.62	13.50		
15	16QAM	1	0	13.62	13.63	13.53		
15	16QAM	1	37	13.45	13.58	13.51		
15	16QAM	1	74	13.52	13.49	13.62		
15	16QAM	36	0	13.58	13.48	13.61		
15	16QAM	36	20	13.46	13.52	13.42		
15	16QAM	36	39	13.43	13.57	13.40		
15	16QAM	75	0	13.59	13.41	13.57		
15	64QAM	1	0	13.44	13.25	13.64		
15	64QAM	1	37	13.68	13.56	13.49		
15	64QAM	1	74	13.51	13.55	13.51		
15	64QAM	36	0	13.54	13.61	13.47		
15	64QAM	36	20	13.59	13.44	13.47		
15	64QAM	36	39	13.53	13.37	13.56		
15	64QAM	75	0	13.50	13.59	13.50		
15	256QAM	1	0	13.36	13.44	13.62		
15	256QAM	1	37	13.42	13.58	13.52		
15	256QAM	1	74	13.52	13.72	13.60		
15	256QAM	36	0	13.49	13.52	13.49		
15	256QAM	36	20	13.56	13.55	13.63		
15	256QAM	36	39	13.48	13.52	13.54		
15	256QAM	75	0	13.49	13.47	13.60		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.47	13.57	13.57		
10	QPSK	1	25	13.52	13.30	13.49		
10	QPSK	1	49	13.52	13.42	13.56		
10	QPSK	25	0	13.64	13.56	13.56		
10	QPSK	25	12	13.42	13.41	13.53		
10	QPSK	25	25	13.44	13.44	13.54		
10	QPSK	50	0	13.40	13.60	13.49		
10	16QAM	1	0	13.45	13.45	13.47		
10	16QAM	1	25	13.51	13.53	13.61		
10	16QAM	1	49	13.51	13.50	13.51		
10	16QAM	25	0	13.48	13.41	13.55		
10	16QAM	25	12	13.35	13.54	13.48		
10	16QAM	25	25	13.59	13.60	13.57		
10	16QAM	50	0	13.48	13.39	13.59		
10	64QAM	1	0	13.40	13.37	13.51		
10	64QAM	1	25	13.54	13.64	13.48		
10	64QAM	1	49	13.47	13.36	13.53		
10	64QAM	25	0	13.59	13.58	13.41		
10	64QAM	25	12	13.55	13.52	13.54		
10	64QAM	25	25	13.49	13.35	13.59		
10	64QAM	50	0	13.49	13.53	13.37		
10	256QAM	1	0	13.45	13.41	13.53		
10	256QAM	1	25	13.33	13.59	13.48		
10	256QAM	1	49	13.55	13.73	13.51		
10	256QAM	25	0	13.52	13.49	13.54		
10	256QAM	25	12	13.45	13.55	13.54		
10	256QAM	25	25	13.57	13.48	13.36		
10	256QAM	50	0	13.54	13.57	13.53		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.54	13.70	13.62		
5	QPSK	1	12	13.51	13.41	13.44		
5	QPSK	1	24	13.47	13.54	13.65		
5	QPSK	12	0	13.63	13.63	13.50		
5	QPSK	12	7	13.50	13.40	13.46		
5	QPSK	12	13	13.47	13.43	13.54		
5	QPSK	25	0	13.38	13.59	13.60		
5	16QAM	1	0	13.50	13.45	13.42		
5	16QAM	1	12	13.39	13.66	13.44		
5	16QAM	1	24	13.63	13.58	13.56		
5	16QAM	12	0	13.58	13.33	13.62		
5	16QAM	12	7	13.44	13.51	13.44		
5	16QAM	12	13	13.50	13.40	13.46		
5	16QAM	25	0	13.41	13.42	13.63		
5	64QAM	1	0	13.47	13.43	13.51		
5	64QAM	1	12	13.58	13.59	13.54		
5	64QAM	1	24	13.46	13.51	13.57		
5	64QAM	12	0	13.55	13.49	13.56		
5	64QAM	12	7	13.63	13.37	13.40		
5	64QAM	12	13	13.46	13.46	13.66		
5	64QAM	25	0	13.47	13.50	13.49		
5	256QAM	1	0	13.50	13.40	13.48		
5	256QAM	1	12	13.49	13.53	13.58		
5	256QAM	1	24	13.39	13.71	13.65		
5	256QAM	12	0	13.47	13.49	13.65		
5	256QAM	12	7	13.60	13.52	13.65		
5	256QAM	12	13	13.46	13.47	13.40		
5	256QAM	25	0	13.48	13.64	13.59		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.44	13.60	13.55		
3	QPSK	1	8	13.59	13.44	13.47		
3	QPSK	1	14	13.42	13.58	13.56		
3	QPSK	8	0	13.63	13.52	13.54		
3	QPSK	8	4	13.51	13.50	13.41		
3	QPSK	8	7	13.30	13.40	13.41		
3	QPSK	15	0	13.46	13.52	13.45		
3	16QAM	1	0	13.52	13.63	13.47		
3	16QAM	1	8	13.57	13.66	13.46		
3	16QAM	1	14	13.47	13.57	13.55		
3	16QAM	8	0	13.53	13.38	13.70		
3	16QAM	8	4	13.36	13.47	13.46		
3	16QAM	8	7	13.44	13.65	13.54		
3	16QAM	15	0	13.51	13.43	13.45		
3	64QAM	1	0	13.43	13.28	13.56		
3	64QAM	1	8	13.56	13.53	13.41		
3	64QAM	1	14	13.50	13.42	13.48		
3	64QAM	8	0	13.49	13.58	13.50		
3	64QAM	8	4	13.55	13.47	13.43		
3	64QAM	8	7	13.50	13.43	13.65		
3	64QAM	15	0	13.50	13.52	13.43		
3	256QAM	1	0	13.36	13.35	13.54		
3	256QAM	1	8	13.48	13.50	13.49		
3	256QAM	1	14	13.42	13.71	13.48		
3	256QAM	8	0	13.53	13.53	13.49		
3	256QAM	8	4	13.61	13.55	13.50		
3	256QAM	8	7	13.54	13.42	13.51		
3	256QAM	15	0	13.64	13.54	13.45		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.53	13.68	13.61		
1.4	QPSK	1	3	13.59	13.34	13.51		
1.4	QPSK	1	5	13.33	13.47	13.63		
1.4	QPSK	3	0	13.56	13.51	13.48		
1.4	QPSK	3	1	13.47	13.57	13.46		
1.4	QPSK	3	3	13.38	13.39	13.53		
1.4	QPSK	6	0	13.36	13.68	13.48	14.5	0
1.4	16QAM	1	0	13.60	13.64	13.42		
1.4	16QAM	1	3	13.44	13.54	13.59		
1.4	16QAM	1	5	13.57	13.57	13.57		
1.4	16QAM	3	0	13.51	13.41	13.69		
1.4	16QAM	3	1	13.47	13.50	13.53		
1.4	16QAM	3	3	13.41	13.62	13.44		
1.4	16QAM	6	0	13.41	13.39	13.62	14.5	0
1.4	64QAM	1	0	13.41	13.34	13.50		
1.4	64QAM	1	3	13.51	13.69	13.59		
1.4	64QAM	1	5	13.40	13.52	13.50		
1.4	64QAM	3	0	13.62	13.59	13.39		
1.4	64QAM	3	1	13.58	13.41	13.40		
1.4	64QAM	3	3	13.43	13.35	13.57		
1.4	64QAM	6	0	13.57	13.60	13.39	14.5	0
1.4	256QAM	1	0	13.54	13.44	13.46		
1.4	256QAM	1	3	13.37	13.48	13.48		
1.4	256QAM	1	5	13.47	13.73	13.56		
1.4	256QAM	3	0	13.56	13.58	13.60		
1.4	256QAM	3	1	13.63	13.65	13.53		
1.4	256QAM	3	3	13.55	13.41	13.36		
1.4	256QAM	6	0	13.53	13.49	13.45	14.5	0

Band 2 Ant 4 DSI7 sig path: 347

BW [MHz]	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	14.27	14.36	14.11		
20	QPSK	1	49	14.24	14.15	14.10	14.5	0
20	QPSK	1	99	14.15	14.22	14.24		
20	QPSK	50	0	14.20	14.33	14.27		
20	QPSK	50	24	14.27	14.14	14.28		
20	QPSK	50	50	14.21	14.22	14.25		
20	QPSK	100	0	14.10	14.26	14.25		
20	16QAM	1	0	14.29	14.15	14.29		
20	16QAM	1	49	14.23	14.15	14.26	14.5	0
20	16QAM	1	99	14.09	14.16	14.13		
20	16QAM	50	0	14.15	14.22	14.13		
20	16QAM	50	24	14.19	14.22	14.30	14.5	0
20	16QAM	50	50	14.21	14.21	14.26		
20	16QAM	100	0	14.15	14.25	14.35		
20	64QAM	1	0	14.21	14.09	14.23		
20	64QAM	1	49	14.32	14.24	14.30	14.5	0
20	64QAM	1	99	14.30	14.27	14.31		
20	64QAM	50	0	14.26	14.30	14.20		
20	64QAM	50	24	14.30	14.16	14.14	14.5	0
20	64QAM	50	50	14.27	14.19	14.32		
20	64QAM	100	0	14.24	14.16	14.14		
20	256QAM	1	0	14.18	14.08	14.13		
20	256QAM	1	49	14.17	14.23	14.14	14.5	0
20	256QAM	1	99	14.05	14.26	14.27		
20	256QAM	50	0	14.27	14.12	14.19		
20	256QAM	50	24	14.23	14.35	14.23	14.5	0
20	256QAM	50	50	14.21	14.29	14.30		
20	256QAM	100	0	14.14	14.29	14.30		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.19	14.35	14.07		
15	QPSK	1	37	14.13	14.03	14.04	14.5	0
15	QPSK	1	74	13.88	14.05	14.11		
15	QPSK	36	0	14.13	14.23	14.21		
15	QPSK	36	20	14.22	13.95	14.19	14.5	0
15	QPSK	36	39	14.06	14.16	14.19		
15	QPSK	75	0	14.05	14.19	14.23		
15	16QAM	1	0	14.12	14.01	14.12		
15	16QAM	1	37	14.12	14.11	14.19	14.5	0
15	16QAM	1	74	14.01	14.02	14.06		
15	16QAM	36	0	14.05	13.99	14.08		
15	16QAM	36	20	14.15	14.11	14.17	14.5	0
15	16QAM	36	39	14.10	14.15	14.19		
15	16QAM	75	0	14.07	14.13	14.30		
15	64QAM	1	0	14.11	14.01	14.16		
15	64QAM	1	37	14.31	14.20	14.27	14.5	0
15	64QAM	1	74	14.23	14.12	14.29		
15	64QAM	36	0	14.07	14.14	14.06		
15	64QAM	36	20	14.17	13.96	14.20	14.5	0
15	64QAM	36	39	14.11	14.15	14.17		
15	64QAM	75	0	14.21	13.97	14.02		
15	256QAM	1	0	14.15	14.06	14.01		
15	256QAM	1	37	14.11	14.12	13.97	14.5	0
15	256QAM	1	74	13.90	14.25	14.12		
15	256QAM	36	0	14.27	14.07	13.99		
15	256QAM	36	20	14.21	14.19	14.07	14.5	0
15	256QAM	36	39	14.11	14.04	14.10		
15	256QAM	75	0	14.08	14.22	14.10		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.15	14.22	13.95		
10	QPSK	1	25	14.17	13.97	13.95	14.5	0
10	QPSK	1	49	13.97	14.10	14.17		
10	QPSK	25	0	14.18	14.30	14.13		
10	QPSK	25	12	14.09	14.07	14.15		
10	QPSK	25	25	14.08	14.21	14.21	14.5	0
10	QPSK	50	0	13.90	14.12	14.09		
10	16QAM	1	0	14.25	13.98	14.19		
10	16QAM	1	25	14.04	14.11	14.23	14.5	0
10	16QAM	1	49	13.99	14.06	14.09		
10	16QAM	25	0	14.08	14.13	14.11		
10	16QAM	25	12	14.15	14.21	14.27	14.5	0
10	16QAM	25	25	14.20	14.07	14.16		
10	16QAM	50	0	14.13	14.22	14.17		
10	64QAM	1	0	14.15	14.13	14.14		
10	64QAM	1	25	14.12	14.21	14.22	14.5	0
10	64QAM	1	49	14.19	14.20	14.11		
10	64QAM	25	0	14.08	14.15	14.01		
10	64QAM	25	12	14.13	14.09	14.10	14.5	0
10	64QAM	25	25	14.24	14.02	14.29		
10	64QAM	50	0	14.21	14.04	14.11		
10	256QAM	1	0	14.12	14.19	13.97		
10	256QAM	1	25	14.01	14.23	14.00	14.5	0
10	256QAM	1	49	13.92	14.17	14.25		
10	256QAM	25	0	14.15	14.03	14.07		
10	256QAM	25	12	14.10	14.14	14.07	14.5	0
10	256QAM	25	25	14.11	14.01	14.15		
10	256QAM	50	0	13.94	14.21	14.13		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.10	14.18	14.01		
5	QPSK	1	12	14.07	14.15	13.98	14.5	0
5	QPSK	1	24	14.02	14.18	14.23		
5	QPSK	12	0	14.12	14.32	14.15		
5	QPSK	12	7	14.17	14.02	14.23	14.5	0
5	QPSK	12	13	14.10	14.16	14.16		
5	QPSK	25	0	13.97	14.16	14.23		
5	16QAM	1	0	14.13	14.15	14.22		
5	16QAM	1	12	14.08	14.07	14.20	14.5	0
5	16QAM	1	24	13.98	14.12	14.10		
5	16QAM	12	0	14.08	14.16	14.00		
5	16QAM	12	7	14.14	14.17	14.30	14.5	0
5	16QAM	12	13	14.04	14.12	14.12		
5	16QAM	25	0	14.01	14.09	14.23		
5	64QAM	1	0	14.12	14.03	14.15		
5	64QAM	1	12	14.28	14.16	14.19	14.5	0
5	64QAM	1	24	14.26	14.16	14.26		
5	64QAM	12	0	14.22	14.26	14.07		
5	64QAM	12	7	14.16	14.07	13.97	14.5	0
5	64QAM	12	13	14.19	14.15	14.28		
5	64QAM	25	0	14.16	14.06	14.26		
5	256QAM	1	0	14.10	14.03	14.11		
5	256QAM	1	12	14.04	14.10	14.11	14.5	0
5	256QAM	1	24	13.85	14.09	14.21		
5	256QAM	12	0	14.19	14.03	14.03		
5	256QAM	12	7	14.16	14.34	14.09	14.5	0
5	256QAM	12	13	14.12	13.99	14.16		
5	256QAM	25	0	13.95	14.16	14.14		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.24	14.23	13.99		
3	QPSK	1	8	14.20	13.96	14.07	14.5	0
3	QPSK	1	14	14.02	14.14	14.07		
3	QPSK	8	0	14.13	14.27	14.08		
3	QPSK	8	4	14.20	14.12	14.13	14.5	0
3	QPSK	8	7	14.06	14.06	14.17		
3	QPSK	15	0	13.95	14.23	14.20		
3	16QAM	1	0	14.15	14.01	14.28		
3	16QAM	1	8	14.22	14.12	14.07	14.5	0
3	16QAM	1	14	14.04	14.14	13.93		
3	16QAM	8	0	14.07	14.12	14.06		
3	16QAM	8	4	14.07	14.16	14.29	14.5	0
3	16QAM	8	7	14.16	14.18	14.20		
3	16QAM	15	0	14.00	14.09	14.22		
3	64QAM	1	0	14.20	14.04	14.19		
3	64QAM	1	8	14.26	14.17	14.24	14.5	0
3	64QAM	1	14	14.19	14.10	14.25		
3	64QAM	8	0	14.15	14.16	14.18		
3	64QAM	8	4	14.21	14.14	14.12	14.5	0
3	64QAM	8	7	14.14	14.06	14.29		
3	64QAM	15	0	14.21	13.98	14.03		
3	256QAM	1	0	14.16	13.92	14.06		
3	256QAM	1	8	14.07	14.08	14.08	14.5	0
3	256QAM	1	14	13.95	14.02	14.24		
3	256QAM	8	0	14.13	14.05	14.19		
3	256QAM	8	4	14.11	14.35	14.17	14.5	0
3	256QAM	8	7	14.06	14.08	14.21		
3	256QAM	15	0	14.09	14.19	14.25		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.24	14.32	13.94		
1.4	QPSK	1	3	14.17	14.04	13.98	14.5	0
1.4	QPSK	1	5	14.02	14.15	14.20		
1.4	QPSK	3	0	14.00	14.23	14.18		
1.4	QPSK	3	1	14.24	14.13	14.10		
1.4	QPSK	3	3	14.06	14.20	14.14		
1.4	QPSK	6	0	13.99	14.12	14.12	14.5	0
1.4	16QAM	1	0	14.17	14.13	14.15		
1.4	16QAM	1	3	14.08	14.12	14.09		
1.4	16QAM	1	5	13.97	14.01	14.08	14.5	0
1.4	16QAM	3	0	14.07	14.17	13.96		
1.4	16QAM	3	1	14.02	14.19	14.16		
1.4	16QAM	3	3	14.09	14.06	14.12		
1.4	16QAM	6	0	14.05	14.08	14.33	14.5	0
1.4	64QAM	1	0	14.06	13.99	14.08		
1.4	64QAM	1	3	14.20	14.06	14.21		
1.4	64QAM	1	5	14.28	14.09	14.26	14.5	0
1.4	64QAM	3	0	14.18	14.26	14.12		
1.4	64QAM	3	1	14.21	14.19	14.10		
1.4	64QAM	3	3	14.11	14.00	14.25		
1.4	64QAM	6	0	14.16	14.03	14.11	14.5	0
1.4	256QAM	1	0	14.03	13.97	14.00		
1.4	256QAM	1	3	14.04	14.06	14.07		
1.4	256QAM	1	5	13.99	14.16	14.14	14.5	0
1.4	256QAM	3	0	14.17	14.11	14.02		
1.4	256QAM	3	1	14.16	14.26	14.18		
1.4	256QAM	3	3	14.16	13.99	14.29		
1.4	256QAM	6	0	14.06	14.18	14.11	14.5	0

Band 4 Ant 4 DSI7

BW [MHz]	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	16.28	16.35	16.13		
20	QPSK	1	49	16.21	16.20	16.12	17.5	0
20	QPSK	1	99	16.10	16.21	16.20		
20	QPSK	50	0	16.22	16.31	16.11		
20	QPSK	50	24	16.22	16.22	16.30	17.5	0
20	QPSK	50	50	16.10	16.28	16.19		
20	QPSK	100	0	16.07	16.17	16.24		
20	16QAM	1	0	16.26	16.19	16.16		
20	16QAM	1	49	16.16	16.24	16.26	17.5	0
20	16QAM	1	99	16.14	16.10	16.23		
20	16QAM	50	0	16.19	16.18	16.20		
20	16QAM	50	24	16.20	16.32	16.18	17.5	0
20	16QAM	50	50	16.07	16.25	16.14		
20	16QAM	100	0	16.22	16.12	16.16		
20	64QAM	1	0	16.22	16.16	16.24		
20	64QAM	1	49	16.23	16.26	16.22	17.5	0
20	64QAM	1	99	16.21	16.28	16.33		
20	64QAM	50	0	16.32	16.15	16.26		
20	64QAM	50	24	16.31	16.26	16.17	17.5	0
20	64QAM	50	50	16.20	16.18	16.25		
20	64QAM	100	0	16.17	16.14	16.28		
20	256QAM	1	0	16.24	16.18	16.24		

Band 12 Ant 4 DSI7

BW [MHz]	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	21.80	21.85	21.71		
10	QPSK	1	25	21.82	21.76	21.69	23	0
10	QPSK	1	49	21.72	21.74	21.65		
10	QPSK	25	0	21.55	21.58	21.49		
10	QPSK	25	12	21.57	21.49	21.54	23	0
10	QPSK	25	25	21.57	21.53	21.51		
10	QPSK	50	0	21.49	21.51	21.47		
10	16QAM	1	0	21.67	21.73	21.56		
10	16QAM	1	25	21.77	21.69	21.67	23	0
10	16QAM	1	49	21.67	21.66	21.56		
10	16QAM	25	0	20.72	20.63	20.81		
10	16QAM	25	12	20.64	20.58	20.59	22	1
10	16QAM	25	25	20.51	20.59	20.42		
10	16QAM	50	0	20.56	20.54	20.62		
10	64QAM	1	0	20.54	20.65	20.46		
10	64QAM	1	25	20.62	20.60	20.65	22	1
10	64QAM	1	49	20.62	20.63	20.58		
10	64QAM	25	0	19.56	19.57	19.53		
10	64QAM	25	12	19.49	19.47	19.57	21	2
10	64QAM	25	25	19.56	19.54	19.52		
10	64QAM	50	0	19.45	19.52	19.45		
10	256QAM	1	0	17.55	17.58	17.64		
10	256QAM	1	25	17.56	17.53	17.55	19	4
10	256QAM	1	49	17.48	17.50	17.55		
10	256QAM	25	0	17.42	17.42	17.50		
10	256QAM	25	12	17.42	17.41	17.41	19	4
10	256QAM	25	25	17.33	17.39	17.33		
10	256QAM	50	0	17.38	17.46	17.32		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.78	21.81	21.56		
5	QPSK	1	12	21.77	21.59	21.55	23	0
5	QPSK	1	24	21.56	21.56	21.48		
5	QPSK	12	0	21.37	21.46	21.45		
5	QPSK	12	7	21.51	21.45	21.51	23	0
5	QPSK	12	13	21.41	21.43	21.48		
5	QPSK	25	0	21.35	21.32	21.28		
5	16QAM	1	0	21.60	21.61	21.52		
5	16QAM	1	12	21.65	21.57	21.57	23	0
5	16QAM	1	24	21.66	21.63	21.38		
5	16QAM	12	0	20.59	20.58	20.65		
5	16QAM	12	7	20.50	20.41	20.53	22	1
5	16QAM	12	13	20.44	20.47	20.33		
5	16QAM	25	0	20.45	20.34	20.51		
5	64QAM	1	0	20.34	20.54	20.28		
5	64QAM	1	12	20.46	20.41	20.65	22	1
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	19.54	19.55	19.45		
5	64QAM	12	7	19.30	19.40	19.52	21	2
5	64QAM	12	13	19.43	19.49	19.43		
5	64QAM	25	0	19.31	19.47	19.33		
5	256QAM	1	0	17.36	17.39	17.52		
5	256QAM	1	12	17.52	17.40	17.52	19	4
5	256QAM	1	24	17.38	17.47	17.53		
5	256QAM	12	0	17.27	17.35	17.46		
5	256QAM	12	7	17.37	17.35	17.30	19	4
5	256QAM	12	13	17.28	17.28	17.30		
5	256QAM	25	0	17.37	17.39	17.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.65	21.77	21.70		
3	QPSK	1	8	21.71	21.57	21.68	23	0
3	QPSK	1	14	21.61	21.55	21.56		
3	QPSK	8	0	21.47	21.43	21.37		
3	QPSK	8	4	21.56	21.35	21.43	23	0
3	QPSK	8	7	21.42	21.45	21.43		
3	QPSK	15	0	21.39	21.41	21.41		
3	16QAM	1	0	21.59	21.57	21.50		
3	16QAM	1	8	21.74	21.54	21.55	23	0
3	16QAM	1	14	21.54	21.57	21.56		
3	16QAM	8	0	20.69	20.57	20.65		
3	16QAM	8	4	20.51	20.56	20.50	22	1
3	16QAM	8	7	20.38	20.44	20.38		
3	16QAM	15	0	20.39	20.43	20.59		
3	64QAM	1	0	20.44	20.50	20.35		
3	64QAM	1	8	20.57	20.52	20.50	22	1
3	64QAM	1	14	20.59	20.56	20.38		
3	64QAM	8	0	19.49	19.55	19.41		
3	64QAM	8	4	19.31	19.34	19.52	21	2
3	64QAM	8	7	19.44	19.40	19.39		
3	64QAM	15	0	19.26	19.51	19.28		
3	256QAM	1	0	17.52	17.43	17.52		
3	256QAM	1	8	17.39	17.40	17.48	19	4
3	256QAM	1	14	17.42	17.36	17.49		
3	256QAM	8	0	17.23	17.39	17.38		
3	256QAM	8	4	17.36	17.29	17.38	19	4
3	256QAM	8	7	17.19	17.26	17.26		
3	256QAM	15	0	17.37	17.41	17.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.75	21.73	21.58		
1.4	QPSK	1	3	21.74	21.74	21.66		
1.4	QPSK	1	5	21.56	21.66	21.45	23	0
1.4	QPSK	3	0	21.67	21.80	21.62		
1.4	QPSK	3	1	21.64	21.60	21.60		
1.4	QPSK	3	3	21.67	21.66	21.63		
1.4	QPSK	6	0	21.35	21.45	21.43	23	0
1.4	16QAM	1	0	21.40	21.37	21.47		
1.4	16QAM	1	3	21.46	21.42	21.37		
1.4	16QAM	1	5	21.46	21.43	21.38	23	0
1.4	16QAM	3	0	21.67	21.64	21.41		
1.4	16QAM	3	1	21.59	21.55	21.59		
1.4	16QAM	3	3	21.61	21.59	21.46		
1.4	16QAM	6	0	20.62	20.46	20.57	22	1
1.4	64QAM	1	0	20.43	20.56	20.27		
1.4	64QAM	1	3	20.56	20.47	20.58		
1.4	64QAM	1	5	20.48	20.64	20.43	22	1
1.4	64QAM	3	0	20.48	20.57	20.56		
1.4	64QAM	3	1	20.43	20.60	20.43		
1.4	64QAM	3	3	20.54	20.60	20.43		
1.4	64QAM	6	0	19.43	19.41	19.44	21	2
1.4	256QAM	1	0	17.46	17.39	17.55		
1.4	256QAM	1	3	17.49	17.46	17.43		
1.4	256QAM	1	5	17.40	17.43	17.36	19	4
1.4	256QAM	3	0	17.27	17.31	17.40		
1.4	256QAM	3	1	17.34	17.33	17.27		
1.4	256QAM	3	3	17.13	17.36	17.29		
1.4	256QAM	6	0	17.34	17.26	17.24	19	4

Band 12 Ant 4 DSI7 sig path: 300

BW [MHz]	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	21.86	21.94	21.89		
10	QPSK	1	25	21.87	21.82	21.75	23	0
10	QPSK	1	49	21.68	21.75	21.84		
10	QPSK	25	0	21.82	21.83	21.81		
10	QPSK	25	12	21.81	21.80	21.76	23	0
10	QPSK	25	25	21.78	21.82	21.77		
10	QPSK	50	0	21.79	21.83	21.81		
10	16QAM	1	0	21.79	21.82	21.83		
10	16QAM	1	25	21.83	21.82	21.89	23	0
10	16QAM	1	49	21.82	21.86	21.89		
10	16QAM	25	0	20.99	20.87	21.09		
10	16QAM	25	12	20.84	20.80	20.87	22	1
10	16QAM	25	25	20.70	20.91	20.66		
10	16QAM	50	0	20.81	20.84	20.85		
10	64QAM	1	0	20.84	20.96	20.65		
10	64QAM	1	25	20.92	20.81	20.87	22	1
10	64QAM	1	49	20.83	20.95	20.84		
10	64QAM	25	0	19.79	19.89	19.81		
10	64QAM	25	12	19.75	19.68	19.81	21	2
10	64QAM	25	25	19.74	19.78	19.82		
10	64QAM	50	0	19.66	19.80	19.77		
10	256QAM	1	0	17.80	17.86	17.82		
10	256QAM	1	25	17.73	17.81	17.73	19	4
10	256QAM	1	49	17.68	17.77	17.73		
10	256QAM	25	0	17.68	17.70	17.71		
10	256QAM	25	12	17.68	17.64	17.65	19	4
10	256QAM	25	25	17.63	17.58	17.59		
10	256QAM	50	0	17.62	17.70	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.57	21.74	21.71		
5	QPSK	1	12	21.75	21.64	21.59	23	0
5	QPSK	1	24	21.41	21.52	21.71		
5	QPSK	12	0	21.79	21.85	21.77		
5	QPSK	12	7	21.78	21.76	21.67	23	0
5	QPSK	12	13	21.61	21.70	21.62		
5	QPSK	25	0	21.65	21.81	21.70		
5	16QAM	1	0	21.86	21.76	21.75		
5	16QAM	1	12	21.79	21.87	21.77	23	0
5	16QAM	1	24	21.89	21.92	21.86		
5	16QAM	12	0	20.84	20.69	20.94		
5	16QAM	12	7	20.78	20.65	20.82	22	1
5	16QAM	12	13	20.62	20.77	20.57		
5	16QAM	25	0	20.72	20.75	20.72		
5	64QAM	1	0	20.79	20.87	20.51		
5	64QAM	1	12	20.76	20.67	20.83	22	1
5	64QAM	1	24	20.76	20.77	20.79		
5	64QAM	12	0	19.67	19.81	19.74		
5	64QAM	12	7	19.62	19.60	19.66	21	2
5	64QAM	12	13	19.63	19.63	19.65		
5	64QAM	25	0	19.64	19.67	19.71		
5	256QAM	1	0	17.67	17.80	17.73		
5	256QAM	1	12	17.67	17.64	17.68	19	4
5	256QAM	1	24	17.55	17.73	17.59		
5	256QAM	12	0	17.64	17.64	17.66		
5	256QAM	12	7	17.52	17.59	17.57	19	4
5	256QAM	12	13	17.50	17.51	17.47		
5	256QAM	25	0	17.59	17.56	17.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.78		
3	QPSK	1	8	21.76	21.59	21.49	23	0
3	QPSK	1	14	21.43	21.63	21.60		
3	QPSK	8	0	21.78	21.85	21.85		
3	QPSK	8	4	21.70	21.84	21.63	23	0
3	QPSK	8	7	21.72	21.66	21.60		
3	QPSK	15	0	21.71	21.71	21.81		
3	16QAM	1	0	21.82	21.91	21.81		
3	16QAM	1	8	21.84	21.89	21.77	23	0
3	16QAM	1	14	21.75	21.85	21.85		
3	16QAM	8	0	20.84	20.72	21.03		
3	16QAM	8	4	20.81	20.65	20.75	22	1
3	16QAM	8	7	20.60	20.87	20.55		
3	16QAM	15	0	20.69	20.71	20.70		
3	64QAM	1	0	20.68	20.79	20.51		
3	64QAM	1	8	20.79	20.70	20.72	22	1
3	64QAM	1	14	20.72	20.83	20.76		
3	64QAM	8	0	19.70	19.74	19.65		
3	64QAM	8	4	19.72	19.54	19.74	21	2
3	64QAM	8	7	19.71	19.76	19.71		
3	64QAM	15	0	19.55	19.71	19.68		
3	256QAM	1	0	17.77	17.80	17.71		
3	256QAM	1	8	17.68	17.75	17.70	19	4
3	256QAM	1	14	17.65	17.61	17.66		
3	256QAM	8	0	17.57	17.58	17.64		
3	256QAM	8	4	17.61	17.56	17.60	19	4
3	256QAM	8	7	17.49	17.45	17.54		
3	256QAM	15	0	17.50	17.68	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.58	21.79	21.68		
1.4	QPSK	1	3	21.61	21.57	21.65		
1.4	QPSK	1	5	21.50	21.56	21.54	23	0
1.4	QPSK	3	0	21.70	21.75	21.58		
1.4	QPSK	3	1	21.64	21.68	21.61		
1.4	QPSK	3	3	21.58	21.74	21.59		
1.4	QPSK	6	0	21.60	21.69	21.63	23	0
1.4	16QAM	1	0	21.62	21.62	21.76		
1.4	16QAM	1	3	21.67	21.62	21.59		
1.4	16QAM	1	5	21.63	21.68	21.71	23	0
1.4	16QAM	3	0	21.91	21.89	21.66		
1.4	16QAM	3	1	21.79	21.87	21.78		
1.4	16QAM	3	3	21.87	21.87	21.63		
1.4	16QAM	6	0	20.89	20.66	20.84	22	1
1.4	64QAM	1	0	20.72	20.79	20.53		
1.4	64QAM	1	3	20.79	20.77	20.81		
1.4	64QAM	1	5	20.77	20.94	20.71	22	1
1.4	64QAM	3	0	20.78	20.89	20.79		
1.4	64QAM	3	1	20.70	20.82	20.67		
1.4	64QAM	3	3	20.84	20.80	20.69		
1.4	64QAM	6	0	19.71	19.68	19.73	21	2
1.4	256QAM	1	0	17.78	17.65	17.81		
1.4	256QAM	1	3	17.72	17.75	17.66		
1.4	256QAM	1	5	17.70	17.66	17.68	19	4
1.4	256QAM	3	0	17.50	17.52	17.67		
1.4	256QAM	3	1	17.66	17.57	17.49		
1.4	256QAM	3	3	17.37	17.65	17.49		
1.4	256QAM	6	0	17.59	17.50	17.56	19	4

Band 13 Ant 4 DSI7

BW [MHz]	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		21.24			
10	QPSK	1	25		21.19		22.5	0
10	QPSK	1	49		21.20			
10	QPSK	25	0		21.18			
10	QPSK	25	12		21.06		22.5	0
10	QPSK	25	25		21.14			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.06			
10	16QAM	1	25		21.13		22.5	0
10	16QAM	1	49		21.20			
10	16QAM	25	0		20.68			
10	16QAM	25	12		20.64		22	0.5
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.68			
10	64QAM	1	25		20.52		22	0.5
10	64QAM	1	49		20.59			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.46		21	1.5
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.39		19	3.5
10	256QAM	1	49		17.32			
10	256QAM	25	0		17.63			
10	256QAM	25	12		17.52		19	3.5
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.10	21.09	21.06		
5	QPSK	1	12	21.00	21.15	21.10	22.5	0
5	QPSK	1	24	21.11	21.10	21.19		
5	QPSK	12	0	21.03	21.00	21.06		
5	QPSK	12	7	21.02	20.91	21.03	22.5	0
5	QPSK	12	13	21.09	21.04	21.01		
5	QPSK	25	0	21.01	21.09	20.99		
5	16QAM	1	0	21.01	21.02	21.02		
5	16QAM	1	12	21.02	20.99	20.96	22.5	0
5	16QAM	1	24	21.18	21.18	21.12		
5	16QAM	12	0	20.64	20.54	20.49		
5	16QAM	12	7	20.49	20.51	20.62	22	0.5
5	16QAM	12	13	20.49	20.53	20.50		
5	16QAM	25	0	20.46	20.34	20.48		
5	64QAM	1	0	20.59	20.60	20.50		
5	64QAM	1	12	20.52	20.47	20.48	22	0.5
5	64QAM	1	24	20.44	20.57	20.58		
5	64QAM	12	0	19.48	19.34	19.32		
5	64QAM	12	7	19.35	19.29	19.28	21	1.5
5	64QAM	12	13	19.37	19.34	19.40		
5	64QAM	25	0	19.54	19.46	19.53		
5	256QAM	1	0	17.44	17.37	17.28		
5	256QAM	1	12	17.31	17.38	17.26	19	3.5
5	256QAM	1	24	17.13	17.13	17.26		
5	256QAM	12	0	17.49	17.47	17.49		
5	256QAM	12	7	17.42	17.49	17.49	19	3.5
5	256QAM	12	13	17.38	17.29	17.34		
5	256QAM	25	0	17.36	17.43	17.35		

Band 13 Ant 4 DSI7 sig path: 378

BW [MHz]	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		21.03			
10	QPSK	1	25		20.89		22.5	0
10	QPSK	1	49		20.75			
10	QPSK	25	0		20.89			
10	QPSK	25	12		20.98		22.5	0
10	QPSK	25	25		20.84			
10	QPSK	50	0		20.91			
10	16QAM	1	0		20.94			
10	16QAM	1	25		20.92		22.5	0
10	16QAM	1	49		20.78			
10	16QAM	25	0		20.49			
10	16QAM	25	12		20.43		22	0.5
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.27			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.35		22	0.5
10	64QAM	1	49		20.42			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.29		21	1.5
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.41			
10	256QAM	1	0		17.25			
10	256QAM	1	25		17.22		19	3.5
10	256QAM	1	49		17.16			
10	256QAM	25	0		17.36			
10	256QAM	25	12		17.37		19	3.5
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.32			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.96	20.92	20.92		
5	QPSK	1	12	20.87	20.72	20.80	22.5	0
5	QPSK	1	24	20.59	20.58	20.68		
5	QPSK	12	0	20.75	20.76	20.77		
5	QPSK	12	7	20.85	20.82	20.93	22.5	0
5	QPSK	12	13	20.64	20.81	20.70		
5	QPSK	25	0	20.86	20.82	20.73		
5	16QAM	1	0	20.78	20.79	20.89		
5	16QAM	1	12	20.81	20.76	20.82	22.5	0
5	16QAM	1	24	20.59	20.69	20.65		
5	16QAM	12	0	20.44	20.35	20.34		
5	16QAM	12	7	20.35	20.32	20.28	22	0.5
5	16QAM	12	13	20.30	20.26	20.30		
5	16QAM	25	0	20.19	20.21	20.17		
5	64QAM	1	0	20.36	20.38	20.37		
5	64QAM	1	12	20.24	20.29	20.30	22	0.5
5	64QAM	1	24	20.38	20.28	20.33		
5	64QAM	12	0	19.13	19.15	19.22		
5	64QAM	12	7	19.13	19.24	19.19	21	1.5
5	64QAM	12	13	19.14	19.13	19.23		
5	64QAM	25	0	19.27	19.33	19.26		
5	256QAM	1	0	17.13	17.14	17.20		
5	256QAM	1	12	17.16	17.12	17.13	19	3.5
5	256QAM	1	24	17.11	17.00	17.09		
5	256QAM	12	0	17.27	17.29	17.26		
5	256QAM	12	7	17.23	17.22	17.31	19	3.5
5	256QAM	12	13	17.13	17.12	17.20		
5	256QAM	25	0	17.27	17.19	17.20		

Band 14 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.52		23.5	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.41			
10	QPSK	25	0		21.77		23	0.5
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.65			
10	16QAM	1	0		22.01		23	0.5
10	16QAM	1	25		22.02			
10	16QAM	1	49		21.98			
10	16QAM	25	0		20.56		22	1.5
10	16QAM	25	12		20.62			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.86		22	1.5
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.93			
10	64QAM	25	0		19.62		21	2.5
10	64QAM	25	12		19.68			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.52			
10	256QAM	1	0		17.64		19	4.5
10	256QAM	1	25		17.60			
10	256QAM	1	49		17.59			
10	256QAM	25	0		17.70		19	4.5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.70			
10	256QAM	50	0		17.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.43	22.42	22.50	23.5	0
5	QPSK	1	12	22.31	22.45	22.33		
5	QPSK	1	24	22.38	22.40	22.31		
5	QPSK	12	0	21.67	21.60	21.58	23	0.5
5	QPSK	12	7	21.54	21.54	21.66		
5	QPSK	12	13	21.58	21.63	21.66		
5	QPSK	25	0	21.62	21.56	21.46		
5	16QAM	1	0	21.86	21.96	21.97	23	0.5
5	16QAM	1	12	22.01	21.95	21.93		
5	16QAM	1	24	21.93	21.90	21.98		
5	16QAM	12	0	20.38	20.47	20.42	22	1.5
5	16QAM	12	7	20.52	20.59	20.43		
5	16QAM	12	13	20.54	20.36	20.43		
5	16QAM	25	0	20.36	20.33	20.42		
5	64QAM	1	0	20.75	20.74	20.71	22	1.5
5	64QAM	1	12	20.64	20.61	20.73		
5	64QAM	1	24	20.89	20.79	20.91		
5	64QAM	12	0	19.52	19.49	19.45	21	2.5
5	64QAM	12	7	19.67	19.61	19.65		
5	64QAM	12	13	19.58	19.55	19.56		
5	64QAM	25	0	19.32	19.35	19.42		
5	256QAM	1	0	17.44	17.61	17.45	19	4.5
5	256QAM	1	12	17.52	17.42	17.52		
5	256QAM	1	24	17.40	17.58	17.54		
5	256QAM	12	0	17.53	17.62	17.65	19	4.5
5	256QAM	12	7	17.53	17.48	17.54		
5	256QAM	12	13	17.61	17.59	17.64		
5	256QAM	25	0	17.65	17.65	17.53		

Band 14 Ant 4 DSI7 sig path: 381

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.36		23.5	0
10	QPSK	1	25		22.34			
10	QPSK	1	49		22.29			
10	QPSK	25	0		21.71		23	0.5
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.68			
10	16QAM	1	0		21.88		23	0.5
10	16QAM	1	25		21.75			
10	16QAM	1	49		21.76			
10	16QAM	25	0		20.65		22	1.5
10	16QAM	25	12		20.59			
10	16QAM	25	25		20.55			
10	16QAM	50	0		20.50			
10	64QAM	1	0		20.50		22	1.5
10	64QAM	1	25		20.34			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.60		21	2.5
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.46			
10	64QAM	50	0		19.63			
10	256QAM	1	0		17.57		19	4.5
10	256QAM	1	25		17.53			
10	256QAM	1	49		17.44			
10	256QAM	25	0		17.47		19	4.5
10	256QAM	25	12		17.48			
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.50			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.24	22.31	22.25	23.5	0
5	QPSK	1	12	22.25	22.18	22.23		
5	QPSK	1	24	22.16	22.26	22.25		
5	QPSK	12	0	21.63	21.63	21.57	23	0.5
5	QPSK	12	7	21.50	21.44	21.49		
5	QPSK	12	13	21.37	21.44	21.36		
5	QPSK	25	0	21.62	21.60	21.59		
5	16QAM	1	0	21.78	21.80	21.78	23	0.5
5	16QAM	1	12	21.62	21.64	21.63		
5	16QAM	1	24	21.63	21.66	21.62		
5	16QAM	12	0	20.57	20.49	20.53	22	1.5
5	16QAM	12	7	20.47	20.44	20.53		
5	16QAM	12	13	20.46	20.41	20.45		
5	16QAM	25	0	20.42	20.46	20.34		
5	64QAM	1	0	20.44	20.36	20.41	22	1.5
5	64QAM	1	12	20.26	20.19	20.25		
5	64QAM	1	24	20.39	20.35	20.35		
5	64QAM	12	0	19.55	19.46	19.47	21	2.5
5	64QAM	12	7	19.39	19.36	19.37		
5	64QAM	12	13	19.38	19.32	19.39		
5	64QAM	25	0	19.56	19.57	19.53		
5	256QAM	1	0	17.48	17.49	17.48	19	4.5
5	256QAM	1	12	17.38	17.48	17.38		
5	256QAM	1	24	17.33	17.36	17.40		
5	256QAM	12	0	17.41	17.34	17.39	19	4.5
5	256QAM	12	7	17.42	17.43	17.35		
5	256QAM	12	13	17.41	17.36	17.42		
5	256QAM	25	0	17.40	17.34	17.37		

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BW [MHz]	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	21.65	21.73	21.71	23	0
10	QPSK	1	25	21.57	21.62	21.69		
10	QPSK	1	49	21.61	21.54	21.58		
10	QPSK	25	0	21.61	21.68	21.60	23	0
10	QPSK	25	12	21.62	21.62	21.60		
10	QPSK	25	25	21.47	21.59	21.55		
10	QPSK	50	0	21.58	21.64	21.56		
10	16QAM	1	0	21.64	21.64	21.62	23	0
10	16QAM	1	25	21.59	21.66	21.67		
10	16QAM	1	49	21.56	21.62	21.64		
10	16QAM	25	0	20.68	20.66	20.66	22	1
10	16QAM	25	12	20.52	20.61	20.47		
10	16QAM	25	25	20.69	20.62	20.62		
10	16QAM	50	0	20.67	20.63	20.57		
10	64QAM	1	0	20.45	20.53	20.50	22	1
10	64QAM	1	25	20.45	20.45	20.52		
10	64QAM	1	49	20.48	20.43	20.51		
10	64QAM	25	0	19.71	19.63	19.72	21	2
10	64QAM	25	12	19.63	19.56	19.61		
10	64QAM	25	25	19.45	19.53	19.52		
10	64QAM	50	0	19.53	19.61	19.57		
10	256QAM	1	0	17.55	17.63	17.54	19	4
10	256QAM	1	25	17.61	17.58	17.66		
10	256QAM	1	49	17.48	17.56	17.55		
10	256QAM	25	0	17.50	17.56	17.59	19	4
10	256QAM	25	12	17.54	17.49	17.43		
10	256QAM	25	25	17.46	17.52	17.43		
10	256QAM	50	0	17.60	17.52	17.58		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.65	21.59	23	0
5	QPSK	1	12	21.54	21.59	21.64		
5	QPSK	1	24	21.43	21.36	21.47		
5	QPSK	12	0	21.48	21.57	21.50	23	0
5	QPSK	12	7	21.53	21.61	21.56		
5	QPSK	12	13	21.37	21.43	21.40		
5	QPSK	25	0	21.57	21.62	21.53		
5	16QAM	1	0	21.49	21.45	21.46	23	0
5	16QAM	1	12	21.45	21.49	21.47		
5	16QAM	1	24	21.39	21.44	21.50		
5	16QAM	12	0	20.67	20.52	20.55	22	1
5	16QAM	12	7	20.51	20.50	20.46		
5	16QAM	12	13	20.58	20.61	20.44		
5	16QAM	25	0	20.66	20.46	20.45		
5	64QAM	1	0	20.31	20.47	20.44	22	1
5	64QAM	1	12	20.33	20.25	20.36		
5	64QAM	1	24	20.38	20.35	20.41		
5	64QAM	12	0	19.52	19.47	19.64	21	2
5	64QAM	12	7	19.57	19.54	19.54		
5	64QAM	12	13	19.29	19.38	19.41		
5	64QAM	25	0	19.47	19.57	19.53		
5	256QAM	1	0	17.45	17.54	17.45	19	4
5	256QAM	1	12	17.56	17.41	17.48		
5	256QAM	1	24	17.33	17.52	17.37		
5	256QAM	12	0	17.39	17.40	17.49	19	4
5	256QAM	12	7	17.47	17.35	17.37		
5	256QAM	12	13	17.46	17.47	17.41		
5	256QAM	25	0	17.58	17.50	17.49		

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BW [MHz]	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	13.76	13.84	13.80	14.5	0
20	QPSK	1	49	13.73	13.64	13.67		
20	QPSK	1	99	13.73	13.66	13.73		
20	QPSK	50	0	13.71	13.81	13.75	14.5	0
20	QPSK	50	24	13.70	13.70	13.70		
20	QPSK	50	50	13.70	13.66	13.73		
20	QPSK	100	0	13.146	13.80	13.73		
20	16QAM	1	0	13.69	13.68	13.68	14.5	0
20	16QAM	1	49	13.70	13.76	13.76		
20	16QAM	1	99	13.59	13.63	13.62		
20	16QAM	50	0	13.73	13.72	13.69	14.5	0
20	16QAM	50	24	13.62	13.77	13.71		
20	16QAM	50	50	13.67	13.73	13.65		
20	16QAM	100	0	13.76	13.64	13.78		
20	64QAM	1	0	13.69	13.74	13.68	14.5	0
20	64QAM	1	49	13.78	13.77	13.78		
20	64QAM	1	99	13.78	13.64	13.83		
20	64QAM	50	0	13.69	13.63	13.79	14.5	0
20	64QAM	50	24	13.79	13.74	13.70		
20	64QAM	50	50	13.75	13.75	13.75		
20	64QAM	100	0	13.67	13.76	13.70		
20	256QAM	1	0	13.72	13.71	13.71	14.5	0
20	256QAM	1	49	13.64	13.62	13.66		
20	256QAM	1	99	13.67	13.73	13.62		
20	256QAM	50	0	13.79	13.66	13.73	14.5	0
20	256QAM	50	24	13.76	13.75	13.77		
20	256QAM	50	50	13.77	13.83	13.80		
20	256QAM	100	0	13.77	13.73	13.73		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	13.73	13.73	13.63	14.5	0
15	QPSK	1	37	13.66	13.45	13.65		
15	QPSK	1	74	13.72	13.57	13.72		
15	QPSK	36	0	13.63	13.67	13.73	14.5	0
15	QPSK	36	20	13.68	13.69	13.62		
15	QPSK	36	39	13.52	13.50	13.60		
15	QPSK	75	0	13.50	13.70	13.72		
15	16QAM	1	0	13.50	13.51	13.58	14.5	0
15	16QAM	1	37	13.51	13.74	13.58		
15	16QAM	1	74	13.45	13.56	13.50		
15	16QAM	36	0	13.66	13.68	13.90	14.5	0
15	16QAM	36	20	13.44	13.60	13.51		
15	16QAM	36	39	13.61	13.55	13.48		
15	16QAM	75	0	13.70	13.47	13.64		
15	64QAM	1	0	13.53	13.68	13.68	14.5	0
15	64QAM	1	37	13.72	13.61	13.64		
15	64QAM	1	74	13.62	13.60	13.73		
15	64QAM	36	0	13.68	13.50	13.70	14.5	0
15	64QAM	36	20	13.74	13.75	13.69		
15	64QAM	75	0	13.55	13.73	13.50		
15	256QAM	1	0	13.54	13.65	13.53	14.5	0
15	256QAM	1	37	13.58	13.49	13.90		
15	256QAM	1	74	13.48	13.60	13.51		
15	256QAM	36	0	13.66	13.53	13.66	14.5	0
15	256QAM	36	20	13.56	13.57	13.71		
15	256QAM	36	39	13.67	13.61	13.64		
15	256QAM	75	0	13.76	13.69	13.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.72	13.67	13.72	14.5	0
10	QPSK	1	25	13.61	13.48	13.55		
10	QPSK	1	49	13.62	13.51	13.60		
10	QPSK	25	0	13.58	13.63	13.58	14.5	0
10	QPSK	25	12	13.60	13.67	13.57		
10	QPSK	25	25	13.66	13.65	13.55		
10	QPSK	50	0	13.50	13.75	13.71		
10	16QAM	1	0	13.53	13.65	13.62	14.5	0
10	16QAM	1	25	13.57	13.69	13.64		
10	16QAM	1	49	13.57	13.62	13.53		
10	16QAM	25	0	13.63	13.55	13.63	14.5	0
10	16QAM	25	12	13.54	13.59	13.54		
10	16QAM	25	25	13.52	13.69	13.90		
10	16QAM	50	0	13.64	13.57	13.70		
10	64QAM	1	0	13.59	13.70	13.57	14.5	0
10	64QAM	1	25	13.78	13.61	13.62		
10	64QAM	1	49	13.72	13.50	13.72		
10	64QAM	25	0	13.63	13.56	13.65	14.5	0
10	64QAM	25	12	13.62	13.64	13.55		
10	64QAM	25	25	13.57	13.57	13.63		
10	64QAM	50	0	13.52	13.74	13.63		
10	256QAM	1	0	13.68	13.53	13.71	14.5	0
10	256QAM	1	25	13.64	13.49	13.56		
10	256QAM	1	49	13.65	13.73	13.42		
10	256QAM	25	0	13.61	13.51	13.65	14.5	0
10	256QAM	25	12	13.69	13.69	13.63		
10	256QAM	25	25	13.66	13.68	13.73		
10	256QAM	50	0	13.58	13.56	13.59		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.70	13.66	13.76	14.5	0
5	QPSK	1	12	13.55	13.58	13.58		
5	QPSK	1	24	13.53	13.47	13.70		
5	QPSK	12	0	13.64	13.69	13.73	14.5	0
5	QPSK	12	7	13.57	13.57	13.56		
5	QPSK	12	13	13.69	13.60	13.72		
5	QPSK	25	0	13.41	13.74	13.60		
5	16QAM	1	0	13.58	13.60	13.53	14.5	0
5	16QAM	1	12	13.63	13.71	13.72		
5	16QAM	1	24	13.57	13.53	13.53		
5	16QAM	12	0	13.69	13.70	13.50	14.5	0
5	16QAM	12	7	13.55	13.69	13.70		
5	16QAM	12	13	13.49	13.71	13.59		
5	16QAM	25	0	13.65	13.56	13.62		
5	64QAM	1	0	13.54	13.55	13.63	14.5	0
5	64QAM	1	12	13.65	13.58	13.61		
5	64QAM	1	24	13.74	13.56	13.67		
5	64QAM	12	0	13.61	13.60	13.75	14.5	0
5	64QAM	12	7	13.69	13.69	13.60		
5	64QAM	12	13	13.67	13.71	13.69		
5	64QAM	25	0	13.57	13.67	13.56		
5	256QAM	1	0	13.57	13.61	13.67	14.5	0
5	256QAM	1	12	13.51	13.59	13.47		
5	256QAM	1	24	13.65	13.64	13.52		
5	256QAM	12	0	13.66	13.52	13.59	14.5	0
5	256QAM	12	7	13.62	13.65	13.65		
5	256QAM	12	13	13.64	13.77	13.63		
5	256QAM	25	0	13.74	13.64	13.53		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.57	13.72	13.63	14.5	0
3	QPSK	1	8	13.57	13.53	13.64		
3	QPSK	1	14	13.70	13.56	13.65		
3	QPSK	8	0	13.64	13.73	13.59	14.5	0
3	QPSK	8	4	13.65	13.59	13.60		
3	QPSK	8	7	13.53	13.59	13.55		
3	QPSK	15	0	13.47	13.67	13.64		
3	16QAM	1	0	13.51	13.59	13.53	14.5	0
3	16QAM	1	8	13.65	13.59	13.67		
3	16QAM	1	14	13.52	13.60	13.42		
3	16QAM	8	0	13.67	13.60	13.65	14.5	0
3	16QAM	8	4	13.49	13.72	13.57		
3	16QAM	8	7	13.62	13.58	13.53		
3	16QAM	15	0	13.69	13.53	13.69	14.5	0
3	64QAM	1	0	13.55	13.57	13.61		
3	64QAM	1	8	13.63	13.68	13.66		
3	64QAM	1	14	13.71	13.62	13.80		
3	64QAM	8	0	13.51	13.53	13.68	14.5	0
3	64QAM	8	4	13.73	13.69	13.61		
3	64QAM	8	7	13.65	13.61	13.59		
3	64QAM	15	0	13.49	13.73	13.65		
3	256QAM	1	0	13.64	13.59	13.59	14.5	0
3	256QAM	1	8	13.54	13.57	13.55		
3	256QAM	1	14	13.57	13.60	13.58		
3	256QAM	8	0	13.77	13.49	13.62	14.5	0
3	256QAM	8	4	13.70	13.62	13.65		
3	256QAM	8	7	13.57	13.83	13.69		
3	256QAM	15	0	13.76	13.58	13.72		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	13.73	13.80	13.63	14.5	0
1.4	QPSK	1	3	13.68	13.58	13.63		
1.4	QPSK	1	5	13.66	13.59	13.73		
1.4	QPSK	3	0	13.61	13.67	13.69		
1.4	QPSK	3	1	13.61	13.69	13.65		
1.4	QPSK	3	3	13.59	13.66	13.68		
1.4	QPSK	6	0	13.50	13.71	13.68	14.5	0
1.4	16QAM	1	0	13.61	13.62	13.54	14.5	0
1.4	16QAM	1	3	13.59	13.72	13.58		
1.4	16QAM	1	5	13.44	13.61	13.60		
1.4	16QAM	3	0	13.64	13.65	13.63		
1.4	16QAM	3	1	13.52	13.57	13.71		
1.4	16QAM	3	3	13.66	13.60	13.47		
1.4	16QAM	6	0	13.59	13.53	13.76	14.5	0
1.4	64QAM	1	0	13.62	13.55	13.64	14.5	0
1.4	64QAM	1	3	13.58	13.76	13.64		
1.4	64QAM	1	5	13.62	13.54	13.70		
1.4	64QAM	3	0	13.68	13.51	13.61		
1.4	64QAM	3	1	13.78	13.68	13.60		
1.4	64QAM	3	3	13.73	13.57	13.73		
1.4	64QAM	6	0	13.49	13.60	13.61	14.5	0
1.4	256QAM	1	0	13.69	13.54	13.64	14.5	0
1.4	256QAM	1	3	13.58	13.55	13.48		
1.4	256QAM	1	5	13.52	13.70	13.51		
1.4	256QAM	3	0	13.71	13.53	13.61		
1.4	256QAM	3	1	13.64	13.69	13.63		
1.4	256QAM	3	3	13.65	13.69	13.68		
1.4	256QAM	6	0	13.69	13.58	13.67	14.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.30	22.35	22.26	23.5	0
15	QPSK	1	37	22.29	22.31	22.23		
15	QPSK	1	74	22.34	22.26	22.30		
15	QPSK	36	0	21.62	21.65	21.55	23	0.5
15	QPSK	36	20	21.56	21.61	21.59		
15	QPSK	36	39	21.57	21.56	21.59		
15	QPSK	75	0	21.55	21.57	21.54		
15	16QAM	1	0	21.63	21.62	21.61	23	0.5
15	16QAM	1	37	21.60	21.60	21.59		
15	16QAM	1	74	21.56	21.51	21.59		
15	16QAM	36	0	20.55	20.57	20.48	22	1.5
15	16QAM	36	20	20.46	20.53	20.47		
15	16QAM	36	39	20.45	20.53	20.38		
15	16QAM	75	0	20.48	20.55	20.46		
15	64QAM	1	0	20.59	20.53	20.49	22	1.5
15	64QAM	1	37	20.47	20.47	20.41		
15	64QAM	1	74	20.43	20.48	20.49		
15	64QAM	36	0	19.50	19.48	19.53	21	2.5
15	64QAM	36	20	19.35	19.43	19.37		
15	64QAM	36	39	19.55	19.46	19.57		
15	64QAM	75	0	19.45	19.45	19.49		
15	256QAM	1	0	17.59	17.59	17.62	19	4.5
15	256QAM	1	37	17.57	17.57	17.59		
15	256QAM	1	74	17.48	17.50	17.44		
15	256QAM	36	0	17.58	17.55	17.51	19	4.5
15	256QAM	36	20	17.49	17.49	17.39		
15	256QAM	36	39	17.40	17.40	17.42		
15	256QAM	75	0	17.42	17.51	17.47		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.17	22.17	22.15	23.5	0
10	QPSK	1	25	22.26	22.14	22.12		
10	QPSK	1	49	22.27	22.16	22.25		
10	QPSK	25	0	21.58	21.47	21.38	23	0.5
10	QPSK	25	12	21.49	21.48	21.54		
10	QPSK	25	25	21.43	21.45	21.42		
10	QPSK	50	0	21.51	21.45	21.52		
10	16QAM	1	0	21.54	21.42	21.53	23	0.5
10	16QAM	1	25	21.42	21.54	21.55		
10	16QAM	1	49	21.44	21.32	21.54		
10	16QAM	25	0	20.49	20.49	20.36	22	1.5
10	16QAM	25	12	20.31	20.42	20.33		
10	16QAM	25	25	20.36	20.42	20.27		
10	16QAM	50	0	20.35	20.36	20.31		
10	64QAM	1	0	20.47	20.52	20.34	22	1.5
10	64QAM	1	25	20.28	20.36	20.23		
10	64QAM	1	49	20.27	20.48	20.40		
10	64QAM	25	0	19.48	19.45	19.34	21	2.5
10	64QAM	25	12	19.34	19.41	19.30		
10	64QAM	25	25	19.48	19.42	19.56		
10	64QAM	50	0	19.41	19.27	19.41		
10	256QAM	1	0	17.45	17.57	17.50	19	4.5
10	256QAM	1	25	17.45	17.53	17.54		
10	256QAM	1	49	17.32	17.31	17.40		
10	256QAM	25	0	17.55	17.44	17.46	19	4.5
10	256QAM	25	12	17.48	17.46	17.29		
10	256QAM	25	25	17.24	17.35	17.31		
10	256QAM	50	0	17.38	17.48	17.41		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.23	22.14	23.5	0
5	QPSK	1	12	22.27	22.31	22.16		
5	QPSK	1	24	22.18	22.07	22.27		
5	QPSK	12	0	21.52	21.58	21.49	23	0.5
5	QPSK	12	7	21.49	21.54	21.45		
5	QPSK	12	13	21.44	21.46	21.40		
5	QPSK	25	0	21.46	21.53	21.47		
5	16QAM	1	0	21.59	21.60	21.42	23	0.5
5	16QAM	1	12	21.43	21.57	21.47		
5	16QAM	1	24	21.36	21.31	21.47		
5	16QAM	12	0	20.53	20.56	20.30	22	1.5
5	16QAM	12	7	20.41	20.50	20.35		
5	16QAM	12	13	20.26	20.43	20.19		
5	16QAM	25	0	20.48	20.45	20.31		
5	64QAM	1	0	20.52	20.33	20.30	22	1.5
5	64QAM	1	12	20.38	20.28	20.34		
5	64QAM	1	24	20.39	20.34	20.42		
5	64QAM	12	0	19.44	19.40	19.51	21	2.5
5	64QAM	12	7	19.25	19.42	19.22		
5	64QAM	12	13	19.54	19.34	19.40		
5	64QAM	25	0	19.33	19.44	19.32		
5	256QAM	1	0	17.54	17.41	17.46	19	4.5
5	256QAM	1	12	17.48	17.54	17.55		
5	256QAM	1	24	17.41	17.40	17.30		
5	256QAM	12	0	17.41	17.40	17.44	19	4.5
5	256QAM	12	7	17.47	17.34	17.38		
5	256QAM	12	13	17.23	17.21	17.27		
5	256QAM	25	0	17.37	17.49	17.33		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.14	22.22	22.13	23.5	0
3	QPSK	1	8	22.16	22.18	22.17		
3	QPSK	1	14	22.26	22.16	22.17		
3	QPSK	8	0	21.56	21.54	21.36	23	0.5
3	QPSK	8	4	21.37	21.47	21.40		
3	QPSK	8	7	21.54	21.38	21.43		
3	QPSK	15	0	21.41	21.38	21.40		
3	16QAM	1	0	21.48	21.51	21.38	23	0.5
3	16QAM	1	8	21.44	21.54	21.45		
3	16QAM	1	14	21.41	21.36	21.48		
3	16QAM	8	0	20.38	20.56	20.29	22	1.5
3	16QAM	8	4	20.38	20.52	20.31		
3	16QAM	8	7	20.27	20.39	20.33		
3	16QAM	15	0	20.37	20.40	20.38		
3	64QAM	1	0	20.41	20.46	20.41	22	1.5
3	64QAM	1	8	20.45	20.47	20.28		
3	64QAM	1	14	20.35	20.47	20.49		
3	64QAM	8	0	19.34	19.46	19.35	21	2.5
3	64QAM	8	4	19.29	19.32	19.25		
3	64QAM	8	7	19.48	19.33	19.46		
3	64QAM	15	0	19.42	19.26	19.36		
3	256QAM	1	0	17.55	17.41	17.49	19	4.5
3	256QAM	1	8	17.45	17.53	17.53		
3	256QAM	1	14	17.36	17.41	17.33		
3	256QAM	8	0	17.45	17.50	17.32	19	4.5
3	256QAM	8	4	17.43	17.33	17.34		
3	256QAM	8	7	17.40	17.38	17.42		
3	256QAM	15	0	17.28	17.34	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.24	22.17	22.13	23.5	0
1.4	QPSK	1	3	22.14	22.17	22.05		
1.4	QPSK	1	5	22.33	22.12	22.25		
1.4	QPSK	3	0	22.26	22.30	22.16		
1.4	QPSK	3	1	22.28	22.21	22.14		
1.4	QPSK	3	3	22.20	22.19	22.23		
1.4	QPSK	6	0	21.59	21.65	21.53	23	0.5
1.4	16QAM	1	0	21.43	21.57	21.53	23	0.5
1.4	16QAM	1	3	21.50	21.38	21.44		
1.4	16QAM	1	5	21.55	21.39	21.52		
1.4	16QAM	3	0	21.55	21.50	21.61		
1.4	16QAM	3	1	21.59	21.60	21.45		
1.4	16QAM	3	3	21.45	21.31	21.54		
1.4	16QAM	6	0	20.51	20.46	20.42	22	1.5
1.4	64QAM	1	0	20.34	20.49	20.37	22	1.5
1.4	64QAM	1	3	20.33	20.53	20.28		
1.4	64QAM	1	5	20.39	20.53	20.32		
1.4	64QAM	3	0	20.43	20.45	20.31		
1.4	64QAM	3	1	20.46	20.46	20.40		
1.4	64QAM	3	3	20.42	20.29	20.35		
1.4	64QAM	6	0	19.45	19.42	19.35	21	2.5
1.4	256QAM	1	0	17.54	17.55	17.61	19	4.5
1.4	256QAM	1	3	17.53	17.52	17.49		
1.4	256QAM	1	5	17.28	17.34	17.28		
1.4	256QAM	3	0	17.39	17.54	17.34		
1.4	256QAM	3	1	17.41	17.29	17.26		
1.4	256QAM	3	3	17.21	17.21	17.34		
1.4	256QAM	6	0	17.40	17.38	17.31	19	4.5

Band 26 for FCC Ant 4 DSI7 sig path: 320

BW [MHz]	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	22.54	22.65	22.58	23.5	0
15	QPSK	1	37	22.56	22.59	22.52		
15	QPSK	1	74	22.53	22.50	22.60		
15	QPSK	36	0	21.97	22.05	21.96	23	0.5
15	QPSK	36	20	22.01	21.93	22.03		
15	QPSK	36	39	21.99	21.85	21.98		
15	QPSK	75	0	21.88	21.89	21.88		
15	16QAM	1	0	21.96	22.03	21.90	23	0.5
15	16QAM	1	37	21.85	21.87	21.90		
15	16QAM	1	74	21.95	21.97	21.98		
15	16QAM	36	0	20.92	20.91	20.96	22	1.5
15	16QAM	36	20	20.78	20.85	20.89		
15	16QAM	36	39	20.71	20.83	20.84		
15	16QAM	75	0	20.88	20.88	20.88		
15	64QAM	1	0	20.87	21.00	20.79	22	1.5
15	64QAM	1	37	20.91	20.85	20.96		
15	64QAM	1	74	20.78	20.93	20.89		
15	64QAM	36	0	19.99	19.99	19.98	21	2.5
15	64QAM	36	20	19.95	19.93	20.00		
15	64QAM	36	39	19.94	19.92	19.90		
15	64QAM	75	0	19.97	19.87	20.02		
15	256QAM	1	0	17.71	17.79	17.65	19	4.5
15	256QAM	1	37	17.69	17.85	17.63		
15	256QAM	1	74	17.79	17.80	17.94		
15	256QAM	36	0	17.82	17.85	17.96	19	4.5
15	256QAM	36	20	17.74	17.90	17.61		
15	256QAM	36	39	17.84	17.74	17.71		
15	256QAM	75	0	17.81	17.79	17.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.56	22.56	23.5	0
10	QPSK	1	25	22.60	22.57	22.58		
10	QPSK	1	49	22.59	22.55	22.55		
10	QPSK	25	0	21.90	21.88	21.79	23	0.5
10	QPSK	25	12	21.88	21.76	21.91		
10	QPSK	25	25	21.92	21.78	21.82		
10	QPSK	50	0	21.79	21.83	21.72		
10	16QAM	1	0	21.81	21.95	21.80	23	0.5
10	16QAM	1	25	21.73	21.84	21.76		
10	16QAM	1	49	21.93	21.85	21.88		
10	16QAM	25	0	20.78	20.75	20.87	22	1.5
10	16QAM	25	12	20.73	20.79	20.86		
10	16QAM	25	25	20.68	20.69	20.75		
10	16QAM	50	0	20.79	20.70	20.84		
10	64QAM	1	0	20.72	20.88	20.71	22	1.5
10	64QAM	1	25	20.76	20.73	20.89		
10	64QAM	1	49	20.65	20.90	20.87		
10	64QAM	25	0	19.95	19.85	19.86	21	2.5
10	64QAM	25	12	19.80	19.90	19.87		
10	64QAM	25	25	19.80	19.85	19.83		
10	64QAM	50	0	19.85	19.78	19.91		
10	256QAM	1	0	17.58	17.75	17.48	19	4.5
10	256QAM	1	25	17.57	17.76	17.53		
10	256QAM	1	49	17.61	17.75	17.82		
10	256QAM	25	0	17.71	17.76	17.92	19	4.5
10	256QAM	25	12	17.68	17.78	17.55		
10	256QAM	25	25	17.67	17.64	17.64		
10	256QAM	50	0	17.72	17.69	17.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.56	22.62	22.52	23.5	0
5	QPSK	1	12	22.58	22.58	22.55		
5	QPSK	1	24	22.55	22.54	22.57		
5	QPSK	12	0	21.81	22.02	21.81	23	0.5
5	QPSK	12	7	21.96	21.81	21.89		
5	QPSK	12	13	21.95	21.73	21.87		
5	QPSK	25	0	21.80	21.75	21.83		
5	16QAM	1	0	21.91	21.98	21.85	23	0.5
5	16QAM	1	12	21.81	21.79	21.86		
5	16QAM	1	24	21.86	21.82	21.89		
5	16QAM	12	0	20.81	20.74	20.86	22	1.5
5	16QAM	12	7	20.73	20.71	20.72		
5	16QAM	12	13	20.68	20.65	20.70		
5	16QAM	25	0	20.85	20.83	20.80		
5	64QAM	1	0	20.74	20.96	20.70	22	1.5
5	64QAM	1	12	20.88	20.78	20.89		
5	64QAM	1	24	20.62	20.88	20.81		
5	64QAM	12	0	19.86	19.95	19.90	21	2.5
5	64QAM	12	7	19.93	19.79	19.93		
5	64QAM	12	13	19.82	19.74	19.77		
5	64QAM	25	0	19.95	19.73	19.98		
5	256QAM	1	0	17.57	17.67	17.53	19	4.5
5	256QAM	1	12	17.53	17.78	17.52		
5	256QAM	1	24	17.72	17.75	17.84		
5	256QAM	12	0	17.64	17.73	17.80	19	4.5
5	256QAM	12	7	17.86	17.85	17.45		
5	256QAM	12	13	17.82	17.72	17.62		
5	256QAM	25	0	17.71	17.74	17.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.58	22.58	22.58	23.5	0
3	QPSK	1	8	22.56	22.52	22.60		
3	QPSK	1	14	22.51	22.51	22.54		
3	QPSK	8	0	21.80	21.95	21.83	23	0.5
3	QPSK	8	4	21.83	21.91	21.91		
3	QPSK	8	7	21.83	21.73	21.91		
3	QPSK	15	0	21.85	21.79	21.84		
3	16QAM	1	0	21.80	21.94	21.78	23	0.5
3	16QAM	1	8	21.72	21.83	21.76		
3	16QAM	1	14	21.92	21.82	21.81		
3	16QAM	8	0	20.79	20.83	20.83	22	1.5
3	16QAM	8	4	20.67	20.71	20.79		
3	16QAM	8	7	20.84	20.81	20.75		
3	16QAM	15	0	20.76	20.77	20.82		
3	64QAM	1	0	20.77	20.97	20.65	22	1.5
3	64QAM	1	8	20.85	20.82	20.89		
3	64QAM	1	14	20.74	20.78	20.71		
3	64QAM	8	0	19.81	19.96	19.92	21	2.5
3	64QAM	8	4	19.90	19.90	19.89		
3	64QAM	8	7	19.87	19.74	19.83		
3	64QAM	15	0	19.82	19.76	19.98		
3	256QAM	1	0	17.57	17.74	17.53	19	4.5
3	256QAM	1	8	17.65	17.70	17.53		
3	256QAM	1	14	17.72	17.72	17.78		
3	256QAM	8	0	17.66	17.72	17.80	19	4.5
3	256QAM	8	4	17.66	17.78	17.50		
3	256QAM	8	7	17.79	17.66	17.65		
3	256QAM	15	0	17.64	17.69	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.60	22.50	23.5	0
1.4	QPSK	1	3	22.56	22.51	22.57		
1.4	QPSK	1	5	22.59	22.55	22.50		
1.4	QPSK	3	0	22.51	22.59	22.59		
1.4	QPSK	3	1	22.58	22.51	22.53		
1.4	QPSK	3	3	22.51	22.55	22.62		
1.4	QPSK	6	0	21.91	21.99	21.81	23	0.5
1.4	16QAM	1	0	21.80	22.00	21.79	23	0.5
1.4	16QAM	1	3	21.82	21.93	21.70		
1.4	16QAM	1	5	21.79	21.84	21.86		
1.4	16QAM	3	0	21.95	21.91	21.85		
1.4	16QAM	3	1	21.95	21.89	22.02		
1.4	16QAM	3	3	21.85	22.02	21.91		
1.4	16QAM	6	0	21.04	20.62	20.89	22	1.5
1.4	64QAM	1	0	20.75	20.66	20.82	22	1.5
1.4	64QAM	1	3	20.71	20.98	20.70		
1.4	64QAM	1	5	20.70	20.69	20.66		
1.4	64QAM	3	0	20.71	20.71	20.69		
1.4	64QAM	3	1	20.70	20.68	20.71		
1.4	64QAM	3	3	20.80	20.57	20.90		
1.4	64QAM	6	0	19.99	20.06	20.05	21	2.5
1.4	256QAM	1	0	17.93	17.97	17.68	19	4.5
1.4	256QAM	1	3	17.85	18.03	18.15		
1.4	256QAM	1	5	17.97	18.00	17.99		
1.4	256QAM	3	0	17.76	17.96	17.59		
1.4	256QAM	3	1	17.76	17.92	17.86		
1.4	256QAM	3	3	17.78	17.67	17.68		
1.4	256QAM	6	0	17.73	17.71	17.55	19	4.5

Band 66 Ant 4 DSI7

BW [MHz]	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	16.48	16.55	16.51		
20	QPSK	1	49	16.33	16.39	16.33	17.5	0
20	QPSK	1	99	16.44	16.39	16.46		
20	QPSK	50	0	16.47	16.51	16.42		
20	QPSK	50	24	16.41	16.45	16.36	17.5	0
20	QPSK	50	50	16.45	16.45	16.36		
20	QPSK	100	0	16.33	16.48	16.44		
20	16QAM	1	0	16.48	16.47	16.48		
20	16QAM	1	49	16.40	16.33	16.51	17.5	0
20	16QAM	1	99	16.41	16.40	16.44		
20	16QAM	50	0	16.37	16.47	16.46		
20	16QAM	50	24	16.42	16.39	16.49	17.5	0
20	16QAM	50	50	16.36	16.31	16.33		
20	16QAM	100	0	16.34	16.44	16.54		
20	64QAM	1	0	16.38	16.29	16.47		
20	64QAM	1	49	16.49	16.36	16.33	17.5	0
20	64QAM	1	99	16.51	16.35	16.48		
20	64QAM	50	0	16.45	16.40	16.43		
20	64QAM	50	24	16.49	16.44	16.36	17.5	0
20	64QAM	50	50	16.43	16.45	16.50		
20	64QAM	100	0	16.48	16.42	16.30		
20	256QAM	1	0	16.39	16.47	16.47		
20	256QAM	1	49	16.35	16.34	16.36	17.5	0
20	256QAM	1	99	16.29	16.42	16.37		
20	256QAM	50	0	16.39	16.49	16.39		
20	256QAM	50	24	16.45	16.48	16.43	17.5	0
20	256QAM	50	50	16.31	16.41	16.40		
20	256QAM	100	0	16.52	16.37	16.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.31	16.38	16.33		
15	QPSK	1	37	16.20	16.31	16.31	17.5	0
15	QPSK	1	74	16.24	16.38	16.40		
15	QPSK	36	0	16.30	16.35	16.40		
15	QPSK	36	20	16.25	16.28	16.24	17.5	0
15	QPSK	36	39	16.43	16.34	16.32		
15	QPSK	75	0	16.23	16.46	16.30		
15	16QAM	1	0	16.46	16.29	16.40		
15	16QAM	1	37	16.28	16.27	16.46	17.5	0
15	16QAM	1	74	16.24	16.21	16.31		
15	16QAM	36	0	16.35	16.40	16.38		
15	16QAM	36	20	16.26	16.26	16.44	17.5	0
15	16QAM	36	39	16.20	16.23	16.13		
15	16QAM	75	0	16.21	16.35	16.48		
15	64QAM	1	0	16.35	16.28	16.40		
15	64QAM	1	37	16.45	16.27	16.22	17.5	0
15	64QAM	1	74	16.46	16.30	16.44		
15	64QAM	36	0	16.36	16.24	16.38		
15	64QAM	36	20	16.38	16.27	16.34	17.5	0
15	64QAM	36	39	16.35	16.28	16.39		
15	64QAM	75	0	16.31	16.36	16.24		
15	256QAM	1	0	16.34	16.37	16.29		
15	256QAM	1	37	16.35	16.20	16.35	17.5	0
15	256QAM	1	74	16.19	16.37	16.19		
15	256QAM	36	0	16.19	16.36	16.22		
15	256QAM	36	20	16.41	16.30	16.41	17.5	0
15	256QAM	36	39	16.26	16.34	16.25		
15	256QAM	75	0	16.34	16.22	16.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.42	16.38	16.32		
10	QPSK	1	25	16.32	16.24	16.30	17.5	0
10	QPSK	1	49	16.31	16.36	16.30		
10	QPSK	25	0	16.42	16.48	16.36		
10	QPSK	25	12	16.31	16.43	16.21	17.5	0
10	QPSK	25	25	16.35	16.31	16.20		
10	QPSK	50	0	16.31	16.38	16.44		
10	16QAM	1	0	16.35	16.43	16.32		
10	16QAM	1	25	16.26	16.20	16.44	17.5	0
10	16QAM	1	49	16.27	16.38	16.26		
10	16QAM	25	0	16.36	16.41	16.36		
10	16QAM	25	12	16.30	16.31	16.39	17.5	0
10	16QAM	25	25	16.24	16.16	16.23		
10	16QAM	50	0	16.18	16.33	16.37		
10	64QAM	1	0	16.36	16.25	16.42		
10	64QAM	1	25	16.38	16.20	16.17	17.5	0
10	64QAM	1	49	16.43	16.22	16.34		
10	64QAM	25	0	16.36	16.22	16.38		
10	64QAM	25	12	16.42	16.36	16.20	17.5	0
10	64QAM	25	25	16.35	16.38	16.32		
10	64QAM	50	0	16.30	16.24	16.16		
10	256QAM	1	0	16.21	16.31	16.32		
10	256QAM	1	25	16.23	16.20	16.33	17.5	0
10	256QAM	1	49	16.20	16.40	16.19		
10	256QAM	25	0	16.38	16.39	16.39		
10	256QAM	25	12	16.38	16.45	16.41	17.5	0
10	256QAM	25	25	16.29	16.26	16.34		
10	256QAM	50	0	16.49	16.20	16.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.35	16.47	16.32		
5	QPSK	1	12	16.21	16.31	16.33	17.5	0
5	QPSK	1	24	16.40	16.19	16.41		
5	QPSK	12	0	16.45	16.51	16.32		
5	QPSK	12	7	16.40	16.25	16.31	17.5	0
5	QPSK	12	13	16.35	16.40	16.17		
5	QPSK	25	0	16.24	16.30	16.34		
5	16QAM	1	0	16.45	16.40	16.45		
5	16QAM	1	12	16.30	16.15	16.40	17.5	0
5	16QAM	1	24	16.41	16.30	16.26		
5	16QAM	12	0	16.25	16.44	16.40		
5	16QAM	12	7	16.34	16.38	16.43	17.5	0
5	16QAM	12	13	16.30	16.23	16.19		
5	16QAM	25	0	16.17	16.37	16.53		
5	64QAM	1	0	16.28	16.24	16.32		
5	64QAM	1	12	16.35	16.20	16.16	17.5	0
5	64QAM	1	24	16.37	16.17	16.35		
5	64QAM	12	0	16.45	16.22	16.40		
5	64QAM	12	7	16.35	16.37	16.34	17.5	0
5	64QAM	12	13	16.28	16.36	16.41		
5	64QAM	25	0	16.33	16.23	16.14		
5	256QAM	1	0	16.23	16.39	16.41		
5	256QAM	1	12	16.18	16.15	16.20	17.5	0
5	256QAM	1	24	16.17	16.35	16.20		
5	256QAM	12	0	16.31	16.33	16.20		
5	256QAM	12	7	16.38	16.43	16.30	17.5	0
5	256QAM	12	13	16.15	16.37	16.29		
5	256QAM	25	0	16.41	16.22	16.42		
Channel				131967	132222	132567	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.43	16.45	16.44		
3	QPSK	1	8	16.17	16.22	16.23	17.5	0
3	QPSK	1	14	16.41	16.37	16.32		
3	QPSK	8	0	16.36	16.40	16.34		
3	QPSK	8	4	16.32	16.32	16.22	17.5	0
3	QPSK	8	7	16.26	16.30	16.35		
3	QPSK	15	0	16.19	16.40	16.31		
3	16QAM	1	0	16.31	16.31	16.33		
3	16QAM	1	8	16.29	16.14	16.37	17.5	0
3	16QAM	1	14	16.32	16.24	16.25		
3	16QAM	8	0	16.29	16.29	16.30		
3	16QAM	8	4	16.39	16.30	16.39	17.5	0
3	16QAM	8	7	16.31	16.22	16.26		
3	16QAM	15	0	16.23	16.36	16.51		
3	64QAM	1	0	16.32	16.27	16.41		
3	64QAM	1	8	16.38	16.20	16.14	17.5	0
3	64QAM	1	14	16.38	16.23	16.48		
3	64QAM	8	0	16.43	16.29	16.25		
3	64QAM	8	4	16.31	16.29	16.33	17.5	0
3	64QAM	8	7	16.42	16.34	16.41		
3	64QAM	15	0	16.39	16.33	16.12		
3	256QAM	1	0	16.38	16.34	16.29		
3	256QAM	1	8	16.33	16.23	16.31	17.5	0
3	256QAM	1	14	16.26	16.22	16.33		
3	256QAM	8	0	16.22	16.30	16.33		
3	256QAM	8	4	16.36	16.34	16.30	17.5	0
3	256QAM	8	7	16.19	16.39	16.27		
3	256QAM	15	0	16.40	16.22	16.40		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.36	16.42	16.40		
1.4	QPSK	1	3	16.14	16.23	16.29		
1.4	QPSK	1	5	16.37	16.22	16.28	17.5	0
1.4	QPSK	3	0	16.40	16.44	16.23		
1.4	QPSK	3	1	16.27	16.41	16.34		
1.4	QPSK	3	3	16.45	16.32	16.29		
1.4	QPSK	6	0	16.30	16.34	16.39	17.5	0
1.4	16QAM	1	0	16.30	16.40	16.30		
1.4	16QAM	1	3	16.31	16.27	16.50		
1.4	16QAM	1	5	16.38	16.40	16.31	17.5	0
1.4	16QAM	3	0	16.32	16.47	16.37		
1.4	16QAM	3	1	16.24	16.19	16.49		
1.4	16QAM	3	3	16.31	16.23	16.23		
1.4	16QAM	6	0	16.27	16.32	16.51	17.5	0
1.4	64QAM	1	0	16.29	16.17	16.31		
1.4	64QAM	1	3	16.34	16.18	16.27		
1.4	64QAM	1	5	16.51	16.24	16.38	17.5	0
1.4	64QAM	3	0	16.29	16.29	16.30		
1.4	64QAM	3	1	16.37	16.36	16.21		
1.4	64QAM	3	3	16.35	16.26	16.38		
1.4	64QAM	6	0	16.44	16.22	16.10	17.5	0
1.4	256QAM	1	0	16.25	16.29	16.40		
1.4	256QAM	1	3	16.25	16.33	16.20		
1.4	256QAM	1	5	16.26	16.42	16.26	17.5	0
1.4	256QAM	3	0	16.21	16.34	16.38		
1.4	256QAM	3	1	16.40	16.46	16.36		
1.4	256QAM	3	3	16.16	16.26	16.35		
1.4	256QAM	6	0	16.51	16.26	16.40	17.5	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	16.08	16.13	16.01		
20	QPSK	1	49	15.94	15.94	16.02	17.5	0
20	QPSK	1	99	16.00	16.03	16.08		
20	QPSK	50	0	15.99	16.11	16.07		
20	QPSK	50	24	16.10	16.01	16.07	17.5	0
20	QPSK	50	50	16.00	16.09	16.02		
20	QPSK	100	0	16.01	16.05	16.01		
20	16QAM	1	0	16.00	16.05	16.04		
20	16QAM	1	49	15.99	16.03	16.01	17.5	0
20	16QAM	1	99	15.88	15.90	16.08		
20	16QAM	50	0	16.09	15.90	16.06		
20	16QAM	50	24	15.87	15.95	16.05	17.5	0
20	16QAM	50	50	15.88	15.95	15.93		
20	16QAM	100	0	16.03	15.99	16.08		
20	64QAM	1	0	16.01	15.97	15.98		
20	64QAM	1	49	16.00	16.12	16.12	17.5	0
20	64QAM	1	99	16.08	15.94	16.08		
20	64QAM	50	0	15.99	15.98	15.98		
20	64QAM	50	24	16.11	15.96	16.06	17.5	0
20	64QAM	50	50	16.08	15.97	16.09		
20	64QAM	100	0	15.91	16.01	15.90		
20	256QAM	1	0	16.00	15.94	16.03		
20	256QAM	1	49	15.92	15.88	16.01	17.5	0
20	256QAM	1	99	15.87	16.02	15.95		
20	256QAM	50	0	16.11	15.95	15.97		
20	256QAM	50	24	16.06	16.01	16.10	17.5	0
20	256QAM	50	50	16.09	16.01	15.99		
20	256QAM	100	0	15.99	16.12	15.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.91	16.10	15.97		
15	QPSK	1	37	15.93	15.74	16.01	17.5	0
15	QPSK	1	74	15.92	15.85	15.89		
15	QPSK	36	0	15.85	16.11	16.01		
15	QPSK	36	20	16.01	15.84	16.06	17.5	0
15	QPSK	36	39	15.85	15.92	15.87		
15	QPSK	75	0	16.01	15.96	15.84		
15	16QAM	1	0	15.98	15.97	15.95		
15	16QAM	1	37	15.88	15.93	15.89	17.5	0
15	16QAM	1	74	15.75	15.82	15.98		
15	16QAM	36	0	16.07	15.88	15.89		
15	16QAM	36	20	15.75	15.80	15.85	17.5	0
15	16QAM	36	39	15.74	15.92	15.90		
15	16QAM	75	0	15.89	15.91	16.06		
15	64QAM	1	0	16.00	15.83	15.88		
15	64QAM	1	37	15.81	15.94	15.96	17.5	0
15	64QAM	1	74	16.05	15.75	15.94		
15	64QAM	36	0	15.94	15.89	15.96		
15	64QAM	36	20	15.98	15.90	15.93	17.5	0
15	64QAM	36	39	16.07	15.88	15.91		
15	64QAM	75	0	15.87	15.88	15.75		
15	256QAM	1	0	15.88	15.91	16.03		
15	256QAM	1	37	15.90	15.86	15.94	17.5	0
15	256QAM	1	74	15.81	16.00	15.80		
15	256QAM	36	0	15.91	15.82	15.82		
15	256QAM	36	20	15.93	15.84	16.08	17.5	0
15	256QAM	36	39	16.08	15.83	15.87		
15	256QAM	75	0	15.98	16.04	15.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.94	15.97	15.95		
10	QPSK	1	25	15.91	15.87	15.97	17.5	0
10	QPSK	1	49	15.92	15.88	15.98		
10	QPSK	25	0	15.81	16.10	15.88		
10	QPSK	25	12	15.95	15.84	15.90	17.5	0
10	QPSK	25	25	15.88	15.96	15.86		
10	QPSK	50	0	15.88	16.07	15.92		
10	16QAM	1	0	15.99	15.93	15.97		
10	16QAM	1	25	15.85	15.86	16.00	17.5	0
10	16QAM	1	49	15.81	15.87	16.01		
10	16QAM	25	0	15.98	15.72	16.00		
10	16QAM	25	12	15.75	15.90	15.96	17.5	0
10	16QAM	25	25	15.80	15.76	15.92		
10	16QAM	50	0	15.93	15.86	16.05		
10	64QAM	1	0	15.90	15.86	15.85		
10	64QAM	1	25	15.88	16.02	15.99	17.5	0
10	64QAM	1	49	16.07	15.87	16.07		
10	64QAM	25	0	15.80	15.96	15.82		
10	64QAM	25	12	16.03	15.85	16.05	17.5	0
10	64QAM	25	25	15.96	15.85	16.04		
10	64QAM	50	0	15.91	15.88	15.81		
10	256QAM	1	0	15.97	15.90	15.90		
10	256QAM	1	25	15.86	15.82	16.00	17.5	0
10	256QAM	1	49	15.84	15.85	15.86		
10	256QAM	25	0	15.95	15.90	15.82		
10	256QAM	25	12	15.88	16.01	16.06	17.5	0
10	256QAM	25	25	15.95	15.97	15.97		
10	256QAM	50	0	15.84	16.00	15.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.01	16.05	15.84		
5	QPSK	1	12	15.90	15.94	16.00	17.5	0
5	QPSK	1	24	15.87	15.91	15.96		
5	QPSK	12	0	15.86	15.99	16.06		
5	QPSK	12	7	16.00	16.01	15.87	17.5	0
5	QPSK	12	13	15.94	15.95	15.86		
5	QPSK	25	0	15.93	15.93	15.84		
5	16QAM	1	0	15.96	15.99	15.98		
5	16QAM	1	12	15.92	15.87	15.96	17.5	0
5	16QAM	1	24	15.88	15.85	15.93		
5	16QAM	12	0	16.01	15.80	16.04		
5	16QAM	12	7	15.84	15.90	15.99	17.5	0
5	16QAM	12	13	15.85	15.76	15.83		
5	16QAM	25	0	15.96	15.93	16.05		
5	64QAM	1	0	15.95	15.85	15.79		
5	64QAM	1	12	15.95	16.02	15.98	17.5	0
5	64QAM	1	24	15.86	15.81	16.03		
5	64QAM	12	0	15.86	15.85	15.96		
5	64QAM	12	7	16.05	15.84	15.97	17.5	0
5	64QAM	12	13	15.94	15.87	16.00		
5	64QAM	25	0	15.73	15.95	15.73		
5	256QAM	1	0	15.85	15.91	15.97		
5	256QAM	1	12	15.86	15.76	15.88	17.5	0
5	256QAM	1	24	15.86	15.94	15.92		
5	256QAM	12	0	15.93	15.85	15.80		
5	256QAM	12	7	15.87	16.00	16.07	17.5	0
5	256QAM	12	13	16.00	15.81	15.84		
5	256QAM	25	0	15.94	16.02	15.76		
Channel				131967	132222	132567	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.90	15.97	15.89		
3	QPSK	1	8	15.74	15.83	15.86	17.5	0
3	QPSK	1	14	16.00	15.94	16.03		
3	QPSK	8	0	15.84	15.97	15.87		
3	QPSK	8	4	15.99	15.97	15.99	17.5	0
3	QPSK	8	7	15.97	16.07	16.02		
3	QPSK	15	0	15.92	16.03	15.96		
3	16QAM	1	0	15.95	16.03	15.91		
3	16QAM	1	8	15.85	16.02	15.88	17.5	0
3	16QAM	1	14	15.70	15.78	15.99		
3	16QAM	8	0	15.98	15.87	15.87		
3	16QAM	8	4	15.84	15.92	16.00	17.5	0
3	16QAM	8	7	15.87	15.94	15.84		
3	16QAM	15	0	15.93	15.86	16.04		
3	64QAM	1	0	15.89	15.78	15.83		
3	64QAM	1	8	15.82	16.05	15.94	17.5	0
3	64QAM	1	14	15.95	15.77	15.97		
3	64QAM	8	0	15.87	15.85	15.91		
3	64QAM	8	4	15.96	15.81	15.97	17.5	0
3	64QAM	8	7	15.96	15.95	16.01		
3	64QAM	15	0	15.76	15.86	15.86		
3	256QAM	1	0	15.85	15.83	15.83		
3	256QAM	1	8	15.90	15.72	15.97	17.5	0
3	256QAM	1	14	15.71	15.86	15.75		
3	256QAM	8	0	16.08	15.88	15.78		
3	256QAM	8	4	15.94	15.96	16.08	17.5	0
3	256QAM	8	7	16.03	15.90	15.79		
3	256QAM	15	0	15.92	16.05	15.90		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.05	16.10	15.96		
1.4	QPSK	1	3	15.90	15.82	15.97		
1.4	QPSK	1	5	15.96	15.97	16.04	17.5	0
1.4	QPSK	3	0	15.98	15.98	15.88		
1.4	QPSK	3	1	15.92	15.91	16.01		
1.4	QPSK	3	3	15.98	16.01	15.91		
1.4	QPSK	6	0	15.89	15.93	15.90	17.5	0
1.4	16QAM	1	0	15.96	15.93	15.96		
1.4	16QAM	1	3	15.99	15.95	15.86		
1.4	16QAM	1	5	15.81	15.79	15.91	17.5	0
1.4	16QAM	3	0	15.95	15.77	15.91		
1.4	16QAM	3	1	15.78	15.94	15.97		
1.4	16QAM	3	3	15.83	15.88	15.91		
1.4	16QAM	6	0	16.02	15.82	16.06	17.5	0
1.4	64QAM	1	0	15.98	15.88	15.81		
1.4	64QAM	1	3	15.94	16.11	16.06		
1.4	64QAM	1	5	15.93	15.81	15.98	17.5	0
1.4	64QAM	3	0	15.85	15.84	15.92		
1.4	64QAM	3	1	15.97	15.89	15.90		
1.4	64QAM	3	3	16.04	15.84	15.96		
1.4	64QAM	6	0	15.77	15.94	15.77	17.5	0
1.4	256QAM	1	0	15.93	15.89	16.02		
1.4	256QAM	1	3	15.85	15.84	15.84		
1.4	256QAM	1	5	15.81	15.96	15.91	17.5	0
1.4	256QAM	3	0	15.97	15.94	15.88		
1.4	256QAM	3	1	15.90	15.85	16.01		
1.4	256QAM	3	3	16.04	15.97	15.81		
1.4	256QAM	6	0	15.97	16.04	15.81	17.5	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				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.73	22.82	22.79		
20	QPSK	1	49	22.73	22.77	22.80	24	0
20	QPSK	1	99	22.59	22.74	22.65		
20	QPSK	50	0	21.65	21.75	21.59		
20	QPSK	50	24	21.63	21.68	21.66	23	1
20	QPSK	50	50	21.62	21.58	21.64		
20	QPSK	100	0	21.51	21.66	21.51		
20	16QAM	1	0	21.71	21.77	21.62		
20	16QAM	1	49	21.55	21.61	21.57	23	1
20	16QAM	1	99	21

Band 48_FCC Ant 5 DSI7

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	16.87	16.99	16.98	16.97	18	0
20	QPSK	1	49	16.93	16.85	16.83	16.84		
20	QPSK	1	99	16.86	16.90	16.86	16.80		
20	QPSK	50	0	16.89	16.95	16.90	16.89	18	0
20	QPSK	50	24	16.89	16.91	16.89	16.93		
20	QPSK	50	50	16.84	16.84	16.90	16.83		
20	QPSK	100	0	16.84	16.85	16.80	16.83		
20	16QAM	1	0	16.90	16.87	16.85	16.84	18	0
20	16QAM	1	49	16.84	16.85	16.95	16.88		
20	16QAM	1	99	16.86	16.82	16.91	16.94		
20	16QAM	50	0	16.84	16.94	16.86	16.83	18	0
20	16QAM	50	24	16.82	16.95	16.93	16.89		
20	16QAM	50	50	16.95	16.80	16.81	16.93		
20	16QAM	100	0	16.89	16.89	16.97	16.95		
20	64QAM	1	0	16.98	16.91	16.95	16.87	18	0
20	64QAM	1	49	16.84	16.87	16.81	16.97		
20	64QAM	1	99	16.85	16.86	16.86	16.86		
20	64QAM	50	0	16.85	16.98	16.95	16.89	18	0
20	64QAM	50	24	16.96	16.97	16.95	16.88		
20	64QAM	50	50	16.81	16.83	16.87	16.89		
20	64QAM	100	0	16.82	16.94	16.97	16.95		
20	256QAM	1	0	16.86	16.89	16.81	16.89	18	0
20	256QAM	1	49	16.90	16.95	16.91	16.96		
20	256QAM	1	99	16.88	16.82	16.84	16.82		
20	256QAM	50	0	16.81	16.94	16.97	16.92	18	0
20	256QAM	50	24	16.84	16.95	16.90	16.86		
20	256QAM	50	50	16.91	16.94	16.93	16.95		
20	256QAM	100	0	16.95	16.77	16.90	16.82		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.86	16.87	16.83	16.97	18	0
15	QPSK	1	37	16.91	16.76	16.73	16.81		
15	QPSK	1	74	16.80	16.71	16.70	16.65		
15	QPSK	36	0	16.88	16.71	16.87	16.76	18	0
15	QPSK	36	20	16.78	16.73	16.70	16.82		
15	QPSK	36	39	16.83	16.70	16.74	16.82		
15	QPSK	75	0	16.66	16.63	16.77	16.67		
15	16QAM	1	0	16.86	16.70	16.81	16.79	18	0
15	16QAM	1	37	16.80	16.81	16.84	16.74		
15	16QAM	1	74	16.83	16.84	16.84	16.88		
15	16QAM	36	0	16.74	16.82	16.84	16.65	18	0
15	16QAM	36	20	16.64	16.90	16.77	16.81		
15	16QAM	36	39	16.86	16.76	16.70	16.92		
15	16QAM	75	0	16.89	16.70	16.87	16.84		
15	64QAM	1	0	16.94	16.95	16.78	16.68	18	0
15	64QAM	1	37	16.81	16.90	16.76	16.89		
15	64QAM	1	74	16.65	16.79	16.74	16.75		
15	64QAM	36	0	16.80	16.74	16.83	16.82	18	0
15	64QAM	36	20	16.76	16.83	16.85	16.85		
15	64QAM	36	39	16.67	16.75	16.77	16.76		
15	64QAM	75	0	16.67	16.84	16.95	16.83		
15	256QAM	1	0	16.81	16.86	16.75	16.78	18	0
15	256QAM	1	37	16.89	16.78	16.84	16.81		
15	256QAM	1	74	16.72	16.82	16.65	16.72		
15	256QAM	36	0	16.67	16.80	16.85	16.77	18	0
15	256QAM	36	20	16.80	16.77	16.81	16.73		
15	256QAM	36	39	16.71	16.67	16.86	16.82		
15	256QAM	75	0	16.88	16.90	16.90	16.73		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.81	16.74	16.80	16.93	18	0
10	QPSK	1	25	16.75	16.76	16.75	16.82		
10	QPSK	1	49	16.76	16.75	16.68	16.70		
10	QPSK	25	0	16.69	16.68	16.72	16.74	18	0
10	QPSK	25	12	16.70	16.65	16.78	16.79		
10	QPSK	25	25	16.65	16.69	16.75	16.83		
10	QPSK	50	0	16.67	16.62	16.65	16.78		
10	16QAM	1	0	16.84	16.67	16.81	16.81	18	0
10	16QAM	1	25	16.79	16.77	16.87	16.74		
10	16QAM	1	49	16.80	16.87	16.79	16.84		
10	16QAM	25	0	16.77	16.78	16.86	16.71	18	0
10	16QAM	25	12	16.78	16.83	16.81	16.87		
10	16QAM	25	25	16.78	16.80	16.74	16.91		
10	16QAM	50	0	16.71	16.81	16.95	16.93		
10	64QAM	1	0	16.92	16.87	16.87	16.72	18	0
10	64QAM	1	25	16.69	16.85	16.70	16.96		
10	64QAM	1	49	16.80	16.83	16.85	16.74		
10	64QAM	25	0	16.76	16.77	16.79	16.77	18	0
10	64QAM	25	12	16.90	16.92	16.78	16.76		
10	64QAM	25	25	16.80	16.63	16.86	16.86		
10	64QAM	50	0	16.69	16.71	16.83	16.79		
10	256QAM	1	0	16.82	16.85	16.72	16.86	18	0
10	256QAM	1	25	16.89	16.78	16.85	16.96		
10	256QAM	1	49	16.78	16.78	16.81	16.82		
10	256QAM	25	0	16.62	16.74	16.87	16.77	18	0
10	256QAM	25	12	16.79	16.73	16.85	16.67		
10	256QAM	25	25	16.90	16.69	16.74	16.79		
10	256QAM	50	0	16.88	16.78	16.71	16.73		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.79	16.83	16.82	16.94	18	0
5	QPSK	1	12	16.91	16.79	16.70	16.65		
5	QPSK	1	24	16.77	16.76	16.76	16.79		
5	QPSK	12	0	16.71	16.76	16.74	16.71	18	0
5	QPSK	12	7	16.84	16.67	16.76	16.83		
5	QPSK	12	13	16.83	16.79	16.82	16.76		
5	QPSK	25	0	16.82	16.69	16.60	16.63		
5	16QAM	1	0	16.79	16.83	16.72	16.64	18	0
5	16QAM	1	12	16.68	16.68	16.80	16.83		
5	16QAM	1	24	16.73	16.68	16.85	16.74		
5	16QAM	12	0	16.82	16.77	16.80	16.73	18	0
5	16QAM	12	7	16.63	16.85	16.87	16.78		
5	16QAM	12	13	16.77	16.75	16.65	16.81		
5	16QAM	25	0	16.87	16.83	16.94	16.90		
5	64QAM	1	0	16.92	16.78	16.83	16.73	18	0
5	64QAM	1	12	16.65	16.78	16.71	16.77		
5	64QAM	1	24	16.66	16.88	16.70	16.82		
5	64QAM	12	0	16.66	16.84	16.91	16.85	18	0
5	64QAM	12	7	16.88	16.81	16.91	16.81		
5	64QAM	12	13	16.77	16.70	16.74	16.84		
5	64QAM	25	0	16.71	16.77	16.84	16.82		
5	256QAM	1	0	16.76	16.77	16.67	16.71	18	0
5	256QAM	1	12	16.84	16.81	16.72	16.93		
5	256QAM	1	24	16.72	16.75	16.72	16.69		
5	256QAM	12	0	16.63	16.74	16.87	16.74	18	0
5	256QAM	12	7	16.68	16.78	16.88	16.77		
5	256QAM	12	13	16.87	16.66	16.79	16.92		
5	256QAM	25	0	16.83	16.89	16.82	16.68		

Reduced Power Mode for Main PA DSI0 ENDC&UL CA

Band 2 Ant 0 DSI7

BW [MHz]	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	12.57	12.71	12.63	14	0
20	QPSK	1	49	12.48	12.47	12.53		
20	QPSK	1	99	12.56	12.55	12.59		
20	QPSK	50	0	12.44	12.66	12.56	14	0
20	QPSK	50	24	12.53	12.56	12.55		
20	QPSK	50	50	12.50	12.60	12.62		
20	QPSK	100	0	12.61	12.63	12.59		
20	16QAM	1	0	12.56	12.53	12.56	14	0
20	16QAM	1	49	12.49	12.56	12.63		
20	16QAM	1	99	12.57	12.55	12.58		
20	16QAM	50	0	12.53	12.47	12.55	14	0
20	16QAM	50	24	12.60	12.48	12.69		
20	16QAM	50	50	12.53	12.57	12.58		
20	16QAM	100	0	12.53	12.54	12.50		
20	64QAM	1	0	12.51	12.53	12.50	14	0
20	64QAM	1	49	12.48	12.56	12.58		
20	64QAM	1	99	12.49	12.54	12.48		
20	64QAM	50	0	12.59	12.49	12.56	14	0
20	64QAM	50	24	12.48	12.51	12.58		
20	64QAM	50	50	12.54	12.48	12.58		
20	64QAM	100	0	12.46	12.50	12.57		
20	256QAM	1	0	12.58	12.49	12.51	14	0
20	256QAM	1	49	12.51	12.51	12.50		
20	256QAM	1	99	12.61	12.54	12.47		
20	256QAM	50	0	12.44	12.56	12.60	14	0
20	256QAM	50	24	12.45	12.48	12.60		
20	256QAM	50	50	12.55	12.57	12.54		
20	256QAM	100	0	12.55	12.44	12.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.49	12.50	12.48	14	0
15	QPSK	1	37	12.41	12.48	12.53		
15	QPSK	1	74	12.30	12.50	12.56		
15	QPSK	36	0	12.24	12.65	12.36	14	0
15	QPSK	36	20	12.44	12.47	12.39		
15	QPSK	36	39	12.41	12.53	12.46		
15	QPSK	75	0	12.40	12.45	12.34		
15	16QAM	1	0	12.32	12.32	12.49	14	0
15	16QAM	1	37	12.27	12.55	12.42		
15	16QAM	1	74	12.55	12.38	12.53		
15	16QAM	36	0	12.31	12.40	12.42	14	0
15	16QAM	36	20	12.49	12.49	12.57		
15	16QAM	36	39	12.36	12.50	12.53		
15	16QAM	75	0	12.43	12.43	12.45		
15	64QAM	1	0	12.51	12.49	12.24	14	0
15	64QAM	1	37	12.34	12.40	12.58		
15	64QAM	1	74	12.42	12.40	12.37		
15	64QAM	36	0	12.45	12.47	12.34	14	0
15	64QAM	36	20	12.47	12.53	12.44		
15	64QAM	36	39	12.55	12.38	12.63		
15	64QAM	75	0	12.41	12.46	12.53		
15	256QAM	1	0	12.39	12.34	12.47	14	0
15	256QAM	1	37	12.34	12.43	12.48		
15	256QAM	1	74	12.39	12.32	12.42		
15	256QAM	36	0	12.39	12.37	12.41	14	0
15	256QAM	36	20	12.46	12.35	12.38		
15	256QAM	36	39	12.45	12.43	12.42		
15	256QAM	75	0	12.38	12.39	12.48		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.61	12.61	12.53	14	0
10	QPSK	1	25	12.48	12.39	12.50		
10	QPSK	1	49	12.52	12.50	12.55		
10	QPSK	25	0	12.35	12.57	12.47	14	0
10	QPSK	25	12	12.47	12.42	12.39		
10	QPSK	25	25	12.38	12.37	12.38		
10	QPSK	50	0	12.36	12.48	12.42		
10	16QAM	1	0	12.34	12.28	12.41	14	0
10	16QAM	1	25	12.43	12.51	12.58		
10	16QAM	1	49	12.37	12.58	12.53		
10	16QAM	25	0	12.39	12.50	12.39	14	0
10	16QAM	25	12	12.43	12.31	12.53		
10	16QAM	25	25	12.44	12.51	12.37		
10	16QAM	50	0	12.45	12.39	12.36		
10	64QAM	1	0	12.43	12.42	12.43	14	0
10	64QAM	1	25	12.39	12.32	12.51		
10	64QAM	1	49	12.30	12.47	12.38		
10	64QAM	25	0	12.44	12.48	12.46	14	0
10	64QAM	25	12	12.35	12.41	12.44		
10	64QAM	25	25	12.41	12.41	12.48		
10	64QAM	50	0	12.54	12.35	12.47		
10	256QAM	1	0	12.41	12.39	12.47	14	0
10	256QAM	1	25	12.41	12.51	12.38		
10	256QAM	1	49	12.57	12.55	12.30		
10	256QAM	25	0	12.31	12.35	12.43	14	0
10	256QAM	25	12	12.40	12.49	12.37		
10	256QAM	25	25	12.44	12.56	12.38		
10	256QAM	50	0	12.49	12.33	12.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.53	12.54	12.46	14	0
5	QPSK	1	12	12.41	12.50	12.52		
5	QPSK	1	24	12.44	12.47	12.53		
5	QPSK	12	0	12.37	12.41	12.42	14	0
5	QPSK	12	7	12.47	12.63	12.40		
5	QPSK	12	13	12.49	12.46	12.53		
5	QPSK	25	0	12.43	12.43	12.49		
5	16QAM	1	0	12.49	12.49	12.60	14	0
5	16QAM	1	12	12.38	12.38	12.52		
5	16QAM	1	24	12.47	12.56	12.51		
5	16QAM	12	0	12.36	12.41	12.53	14	0
5	16QAM	12	7	12.37	12.40	12.66		
5	16QAM	12	13	12.39	12.53	12.40		
5	16QAM	25	0	12.44	12.58	12.53		
5	64QAM	1	0	12.49	12.35	12.45	14	0
5	64QAM	1	12	12.43	12.36	12.38		
5	64QAM	1	24	12.31	12.47	12.54		
5	64QAM	12	0	12.55	12.37	12.41	14	0
5	64QAM	12	7	12.36	12.35	12.48		
5	64QAM	12	13	12.39	12.35	12.59		
5	64QAM	25	0	12.46	12.46	12.37		
5	256QAM	1	0	12.56	12.44	12.41	14	0
5	256QAM	1	12	12.52	12.46	12.40		
5	256QAM	1	24	12.42	12.39	12.29		
5	256QAM	12	0	12.38	12.35	12.51	14	0
5	256QAM	12	7	12.34	12.47	12.54		
5	256QAM	12	13	12.51	12.57	12.54		
5	256QAM	25	0	12.58	12.33	12.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.55	12.53	12.48	14	0
3	QPSK	1	8	12.46	12.35	12.48		
3	QPSK	1	14	12.49	12.42	12.53		
3	QPSK	8	0	12.24	12.33	12.38	14	0
3	QPSK	8	4	12.41	12.50	12.37		
3	QPSK	8	7	12.43	12.47	12.44		
3	QPSK	15	0	12.38	12.55	12.44		
3	16QAM	1	0	12.48	12.39	12.53	14	0
3	16QAM	1	8	12.35	12.33	12.54		
3	16QAM	1	14	12.37	12.56	12.51		
3	16QAM	8	0	12.37	12.49	12.54	14	0
3	16QAM	8	4	12.39	12.53	12.47		
3	16QAM	8	7	12.47	12.38	12.34		
3	16QAM	15	0	12.49	12.43	12.29		
3	64QAM	1	0	12.51	12.48	12.47	14	0
3	64QAM	1	8	12.48	12.39	12.49		
3	64QAM	1	14	12.42	12.37	12.53		
3	64QAM	8	0	12.36	12.49	12.33	14	0
3	64QAM	8	4	12.35	12.39	12.46		
3	64QAM	8	7	12.50	12.37	12.67		
3	64QAM	15	0	12.31	12.38	12.50		
3	256QAM	1	0	12.57	12.32	12.42	14	0
3	256QAM	1	8	12.27	12.44	12.39		
3	256QAM	1	14	12.57	12.52	12.40		
3	256QAM	8	0	12.38	12.33	12.36	14	0
3	256QAM	8	4	12.48	12.45	12.55		
3	256QAM	8	7	12.43	12.62	12.39		
3	256QAM	15	0	12.53	12.33	12.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.51	12.47	12.57	14	0
1.4	QPSK	1	3	12.45	12.43	12.34		
1.4	QPSK	1	5	12.43	12.45	12.52		
1.4	QPSK	3	0	12.27	12.39	12.30		
1.4	QPSK	3	1	12.44	12.51	12.42		
1.4	QPSK	3	3	12.49	12.38	12.38		
1.4	QPSK	6	0	12.32	12.56	12.45	14	0
1.4	16QAM	1	0	12.37	12.39	12.51	14	0
1.4	16QAM	1	3	12.33	12.48	12.57		
1.4	16QAM	1	5	12.54	12.45	12.43		
1.4	16QAM	3	0	12.34	12.48	12.43		
1.4	16QAM	3	1	12.53	12.29	12.60		
1.4	16QAM	3	3	12.34	12.46	12.42		
1.4	16QAM	6	0	12.57	12.51	12.49	14	0
1.4	64QAM	1	0	12.44	12.46	12.49	14	0
1.4	64QAM	1	3	12.26	12.43	12.48		
1.4	64QAM	1	5	12.41	12.50	12.32		
1.4	64QAM	3	0	12.60	12.41	12.36		
1.4	64QAM	3	1	12.40	12.53	12.48		
1.4	64QAM	3	3	12.51	12.52	12.55		
1.4	64QAM	6	0	12.51	12.50	12.40	14	0
1.4	256QAM	1	0	12.43	12.44	12.37	14	0
1.4	256QAM	1	3	12.43	12.48	12.40		
1.4	256QAM	1	5	12.48	12.51	12.40		
1.4	256QAM	3	0	12.45	12.42	12.50		
1.4	256QAM	3	1	12.40	12.47	12.52		
1.4	256QAM	3	3	12.52	12.50	12.47		
1.4	256QAM	6	0	12.49	12.37	12.38	14	0

Band 2 Ant 0 DSI7 sig path：347

BW [MHz]	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	13.18	13.27	13.16	14	0
20	QPSK	1	49	13.04	13.11	13.07		
20	QPSK	1	99	13.05	13.05	13.10		
20	QPSK	50	0	12.96	13.22	13.08	14	0
20	QPSK	50	24	13.05	13.11	13.14		
20	QPSK	50	50	13.08	13.16	13.12		
20	QPSK	100	0	13.11	13.19	13.13		
20	16QAM	1	0	13.00	12.98	13.11	14	0
20	16QAM	1	49	13.08	13.07	13.17		
20	16QAM	1	99	13.10	13.18	13.06		
20	16QAM	50	0	13.05	12.99	13.00	14	0
20	16QAM	50	24	13.15	12.99	13.20		
20	16QAM	50	50	13.07	13.07	13.07		
20	16QAM	100	0	13.16	13.08	13.05		
20	64QAM	1	0	13.14	13.14	12.99	14	0
20	64QAM	1	49	12.94	13.09	13.05		
20	64QAM	1	99	13.00	12.94	12.95		
20	64QAM	50	0	13.13	13.11	13.03	14	0
20	64QAM	50	24	12.97	13.11	13.11		
20	64QAM	50	50	13.03	12.99	13.22		
20	64QAM	100	0	13.05	13.08	13.14		
20	256QAM	1	0	13.11	13.05	12.95	14	0
20	256QAM	1	49	13.04	13.07	13.10		
20	256QAM	1	99	13.10	12.98	12.96		
20	256QAM	50	0	13.03	13.13	13.05	14	0
20	256QAM	50	24	13.09	12.98	13.10		
20	256QAM	50	50	13.12	13.09	13.09		
20	256QAM	100	0	13.23	12.93	13.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.10	13.26	12.95	14	0
15	QPSK	1	37	12.96	12.95	13.13		
15	QPSK	1	74	12.91	12.85	13.19		
15	QPSK	36	0	12.84	13.06	12.97	14	0
15	QPSK	36	20	13.03	12.96	12.93		
15	QPSK	36	39	13.00	12.96	12.96		
15	QPSK	75	0	12.98	12.95	13.11		
15	16QAM	1	0	12.98	12.89	13.10	14	0
15	16QAM	1	37	12.92	12.90	13.06		
15	16QAM	1	74	12.98	13.10	12.99		
15	16QAM	36	0	12.96	12.92	13.08	14	0
15	16QAM	36	20	13.05	13.04	13.11		
15	16QAM	36	39	12.95	13.13	13.09		
15	16QAM	75	0	13.03	13.16	13.01		
15	64QAM	1	0	13.10	12.94	12.82	14	0
15	64QAM	1	37	12.99	13.13	12.97		
15	64QAM	1	74	12.86	12.94	12.92		
15	64QAM	36	0	13.00	12.96	12.90	14	0
15	64QAM	36	20	13.01	13.05	13.01		
15	64QAM	36	39	13.00	12.90	13.17		
15	64QAM	75	0	12.98	12.86	12.93		
15	256QAM	1	0	13.01	12.92	12.79	14	0
15	256QAM	1	37	12.94	13.11	12.99		
15	256QAM	1	74	12.96	13.00	12.97		
15	256QAM	36	0	12.88	12.86	13.05	14	0
15	256QAM	36	20	13.00	12.93	13.12		
15	256QAM	36	39	13.15	13.00	12.95		
15	256QAM	75	0	13.08	12.86	13.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.16	13.12	13.07	14	0
10	QPSK	1	25	12.96	13.04	13.09		
10	QPSK	1	49	13.00	12.94	13.21		
10	QPSK	25	0	12.91	13.06	12.99	14	0
10	QPSK	25	12	12.93	13.04	13.09		
10	QPSK	25	25	12.86	12.92	12.96		
10	QPSK	50	0	12.99	12.96	12.99		
10	16QAM	1	0	12.92	12.93	12.91	14	0
10	16QAM	1	25	12.95	12.88	13.00		
10	16QAM	1	49	12.91	13.00	13.10		
10	16QAM	25	0	13.05	12.87	12.99	14	0
10	16QAM	25	12	13.06	12.88	13.18		
10	16QAM	25	25	12.99	13.13	12.96		
10	16QAM	50	0	13.05	12.97	12.91		
10	64QAM	1	0	13.06	13.16	12.83	14	0
10	64QAM	1	25	12.83	13.10	13.02		
10	64QAM	1	49	12.89	12.95	12.95		
10	64QAM	25	0	13.06	12.93	13.02	14	0
10	64QAM	25	12	12.92	13.11	13.03		
10	64QAM	25	25	12.93	12.87	13.09		
10	64QAM	50	0	12.82	13.02	12.97		
10	256QAM	1	0	12.99	12.91	12.93	14	0
10	256QAM	1	25	12.83	12.95	13.01		
10	256QAM	1	49	13.01	12.94	12.88		
10	256QAM	25	0	12.92	13.02	13.01	14	0
10	256QAM	25	12	13.01	13.01	13.20		
10	256QAM	25	25	13.02	12.99	13.04		
10	256QAM	50	0	13.10	12.90	13.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.09	13.14	13.10	14	0
5	QPSK	1	12	12.90	13.03	12.88		
5	QPSK	1	24	12.95	12.94	13.11		
5	QPSK	12	0	12.75	13.23	12.87	14	0
5	QPSK	12	7	12.97	13.06	13.12		
5	QPSK	12	13	13.08	13.05	13.01		
5	QPSK	25	0	13.00	13.03	13.06		
5	16QAM	1	0	12.94	13.01	13.05	14	0
5	16QAM	1	12	12.97	12.81	13.00		
5	16QAM	1	24	13.02	13.18	12.97		
5	16QAM	12	0	12.92	12.88	13.00	14	0
5	16QAM	12	7	13.12	13.04	13.01		
5	16QAM	12	13	12.89	12.88	13.02		
5	16QAM	25	0	13.07	13.00	12.83		
5	64QAM	1	0	12.99	13.09	12.86	14	0
5	64QAM	1	12	12.79	12.89	13.05		
5	64QAM	1	24	12.85	12.76	12.77		
5	64QAM	12	0	12.88	12.91	12.92	14	0
5	64QAM	12	7	12.82	12.96	13.07		
5	64QAM	12	13	13.00	12.90	13.13		
5	64QAM	25	0	13.02	12.97	12.95		
5	256QAM	1	0	13.18	12.90	12.83	14	0
5	256QAM	1	12	12.83	12.97	13.03		
5	256QAM	1	24	12.89	12.90	12.82		
5	256QAM	12	0	13.02	12.96	12.83	14	0
5	256QAM	12	7	12.99	12.96	13.12		
5	256QAM	12	13	12.99	13.08	12.94		
5	256QAM	25	0	13.09	12.97	13.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.00	13.19	13.06	14	0
3	QPSK	1	8	13.06	12.90	12.96		
3	QPSK	1	14	12.95	12.92	13.13		
3	QPSK	8	0	12.92	13.20	12.98	14	0
3	QPSK	8	4	12.99	12.99	13.05		
3	QPSK	8	7	12.93	12.97	13.01		
3	QPSK	15	0	12.95	13.16	13.20		
3	16QAM	1	0	12.95	12.93	13.08	14	0
3	16QAM	1	8	12.97	12.95	13.13		
3	16QAM	1	14	13.09	12.94	13.02		
3	16QAM	8	0	13.01	13.01	13.03	14	0
3	16QAM	8	4	13.00	12.90	13.13		
3	16QAM	8	7	13.00	12.99	12.94		
3	16QAM	15	0	13.08	13.09	12.87		
3	64QAM	1	0	13.06	13.01	12.81	14	0
3	64QAM	1	8	12.99	13.09	12.87		
3	64QAM	1	14	12.82	12.88	12.93		
3	64QAM	8	0	12.95	12.96	12.93	14	0
3	64QAM	8	4	12.92	13.09	13.09		
3	64QAM	8	7	13.00	12.99	13.12		
3	64QAM	15	0	12.88	13.02	13.01		
3	256QAM	1	0	12.98	12.84	12.99	14	0
3	256QAM	1	8	12.84	12.95	13.02		
3	256QAM	1	14	12.98	12.91	12.83		
3	256QAM	8	0	12.87	12.84	12.83	14	0
3	256QAM	8	4	12.95	13.03	13.13		
3	256QAM	8	7	12.99	13.08	12.94		
3	256QAM	15	0	13.05	12.94	13.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.11	13.15	13.03	14	0
1.4	QPSK	1	3	13.06	12.90	13.00		
1.4	QPSK	1	5	12.94	12.87	13.09		
1.4	QPSK	3	0	12.79	13.10	12.87		
1.4	QPSK	3	1	13.01	12.86	13.05		
1.4	QPSK	3	3	12.90	13.11	13.13		
1.4	QPSK	6	0	12.90	13.09	13.06	14	0
1.4	16QAM	1	0	12.90	12.95	13.12	14	0
1.4	16QAM	1	3	13.03	12.87	13.05		
1.4	16QAM	1	5	12.85	12.95	13.09		
1.4	16QAM	3	0	12.87	12.91	13.07		
1.4	16QAM	3	1	13.12	12.96	13.15		
1.4	16QAM	3	3	12.83	13.17	13.09		
1.4	16QAM	6	0	12.92	12.96	12.87	14	0
1.4	64QAM	1	0	13.03	13.14	12.85	14	0
1.4	64QAM	1	3	12.81	12.91	12.97		
1.4	64QAM	1	5	12.78	12.93	12.90		
1.4	64QAM	3	0	13.12	13.02	13.02		
1.4	64QAM	3	1	13.07	13.05	13.11		
1.4	64QAM	3	3	12.88	12.93	13.05		
1.4	64QAM	6	0	12.95	12.96	12.97	14	0
1.4	256QAM	1	0	13.11	12.90	12.86	14	0
1.4	256QAM	1	3	13.07	13.09	13.08		
1.4	256QAM	1	5	12.91	12.94	12.91		
1.4	256QAM	3	0	13.04	12.92	12.93		
1.4	256QAM	3	1	13.03	12.95	13.14		
1.4	256QAM	3	3	13.07	12.95	12.93		
1.4	256QAM	6	0	13.17	13.03	13.09	14	0

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BW [MHz]	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	14.06	14.23	14.12	15.5	0
20	QPSK	1	49	14.06	14.10	14.07		
20	QPSK	1	99	14.05	14.04	14.14		
20	QPSK	50	0	14.07	14.18	14.06	15.5	0
20	QPSK	50	24	14.16	14.05	14.13		
20	QPSK	50	50	14.10	14.07	14.11		
20	QPSK	100	0	14.09	14.15	14.11		
20	16QAM	1	0	14.14	14.01	13.98	15.5	0
20	16QAM	1	49	14.06	14.02	14.08		
20	16QAM	1	99	14.04	14.06	14.22		
20	16QAM	50	0	14.02	14.04	14.11	15.5	0
20	16QAM	50	24	14.14	14.00	14.07		
20	16QAM	50	50	14.10	14.13	14.17		
20