Default Power for WWAN

GSM850_Ant 13	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	32.68	32.57	32.66	33.50	23.68	23.57	23.66	24.50
GPRS 1 Tx slot	32.65	32.55	32.60	33.50	23.65	23.55	23.60	24.50
GPRS 2 Tx slots	30.71	30.61	30.55	31.50	24.71	24.61	24.55	25.50
GPRS 3 Tx slots	28.45	28.21	28.19	29.50	24.19	23.95	23.93	25.24
GPRS 4 Tx slots	27.21	26.85	26.86	28.00	24.21	23.85	23.86	25.00
EDGE(GMSK 1 Tx slot)	32.61	32.52	32.57	33.50	23.61	23.52	23.57	24.50
EDGE(GMSK 2 Tx slots)	30.68	30.60	30.51	31.50	24.68	24.60	24.51	25.50
EDGE(GMSK 3 Tx slots)	28.44	28.18	28.15	29.50	24.18	23.92	23.89	25.24
EDGE(GMSK 4 Tx slots)	27.18	26.83	26.85	28.00	24.18	23.83	23.85	25.00
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	33.04	32.93	32.89	33.50	24.04	23.93	23.89	24.50
GPRS 1 Tx slot	32.86	32.81	32.62	33.50	23.86	23.81	23.62	24.50
GPRS 2 Tx slots	30.50	30.43	30.31	31.50	24.50	24.43	24.31	25.50
GPRS 3 Tx slots	28.22	28.01	27.83	29.50	23.96	23.75	23.57	25.24
GPRS 4 Tx slots	26.95	26.73	26.51	28.00	23.95	23.73	23.51	25.00
EDGE(GMSK 1 Tx slot)	32.68	32.70	32.47	33.50	23.68	23.70	23.47	24.50
EDGE(GMSK 2 Tx slots)	30.35	30.34	30.25	31.50	24.35	24.34	24.25	25.50
EDGE(GMSK 3 Tx slots)	28.14	27.99	27.79	29.50	23.88	23.73	23.53	25.24
EDGE(GMSK 4 Tx slots)	26.75	26.73	26.43	28.00	23.75	23.73	23.43	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.37	30.45	30.35	31.20	21.37	21.45	21.35	22.20
GPRS 1 Tx slot	30.35	30.41	30.33	31.20	21.35	21.41	21.33	22.20
GPRS 2 Tx slots	29.19	29.25	29.02	29.90	23.19	23.25	23.02	23.90
GPRS 3 Tx slots	26.71	26.73	26.68	27.50	22.45	22.47	22.42	23.24
GPRS 4 Tx slots	25.10	25.23	25.03	26.40	22.10	22.23	22.03	23.40
EDGE(GMSK 1 Tx slot)	30.33	30.39	30.31	31.20	21.33	21.39	21.31	22.20
EDGE(GMSK 2 Tx slots)	29.16	29.24	28.89	29.90	23.16	23.24	22.89	23.90
EDGE(GMSK 3 Tx slots)	26.68	26.82	26.67	27.50	22.42	22.56	22.41	23.24
EDGE(GMSK 4 Tx slots)	25.09	25.19	25.01	26.40	22.09	22.19	22.01	23.40
EDGE 1 Tx slot	25.82	25.95	25.70	27.00	16.82	16.95	16.70	18.00
EDGE 2 Tx slots	23.61	23.61	23.69	25.00	17.61	17.61	17.69	19.00
EDGE 3 Tx slots	21.95	21.84	21.95	23.00	17.69	17.58	17.69	18.74
EDGE 4 Tx slots	20.64	20.74	20.50	22.00	17.64	17.74	17.50	19.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.61	30.69	30.42	31.20	21.61	21.69	21.42	22.20
GPRS 1 Tx slot	30.58	30.61	30.37	31.20	21.58	21.61	21.37	22.20
GPRS 2 Tx slots	29.41	29.46	29.13	29.90	23.41	23.46	23.13	23.90
GPRS 3 Tx slots	26.71	26.92	26.72	27.50	22.45	22.66	22.46	23.24
GPRS 4 Tx slots	25.10	25.15	25.17	26.40	22.10	22.15	22.17	23.40
EDGE(GMSK 1 Tx slot)	30.58	30.48	30.28	31.20	21.58	21.48	21.28	22.20
EDGE(GMSK 2 Tx slots)	29.29	29.29	28.96	29.90	23.29	23.29	22.96	23.90
EDGE(GMSK 3 Tx slots)	26.62	26.77	26.66	27.50	22.36	22.51	22.40	23.24
EDGE(GMSK 4 Tx slots)	24.99	24.98	25.12	26.40	21.99	21.98	22.12	23.40
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			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	23.49	23.61	23.54	24.50	23.55	23.58	23.56	24.50	23.27	23.24	23.35	24.50
3GPP Rel 99	RMC 12.2Kbps	23.61	23.69	23.60	24.50	23.58	23.65	23.64	24.50	23.32	23.29	23.39	24.50
3GPP Rel 6	HSDPA Subtest-1	22.55	22.68	22.50	23.50	22.40	22.62	22.60	23.50	22.04	22.07	22.23	23.50
3GPP Rel 6	HSDPA Subtest-2	22.53	22.66	22.47	23.50	22.44	22.58	22.58	23.50	22.09	22.06	22.30	23.50
3GPP Rel 6	HSDPA Subtest-3	21.96	22.16	21.99	23.00	21.95	22.11	22.11	23.00	21.58	21.55	21.77	23.00
3GPP Rel 6	HSDPA Subtest-4	21.96	22.13	21.97	23.00	21.95	22.13	22.08	23.00	21.57	21.58	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.59	22.33	23.50	22.34	22.42	22.54	23.50	21.98	21.93	22.12	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.65	22.47	23.50	22.30	22.48	22.39	23.50	21.99	21.87	22.19	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.93	22.12	21.96	23.00	21.87	22.06	22.00	23.00	21.46	21.41	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.76	22.07	21.94	23.00	21.92	22.12	21.97	23.00	21.39	21.38	21.71	23.00
3GPP Rel 6	HSUPA Subtest-1	22.47	22.68	22.53	23.50	22.49	22.64	22.61	23.50	22.13	22.16	22.35	23.50
3GPP Rel 6	HSUPA Subtest-2	20.74	20.70	20.54	21.50	20.46	20.62	20.66	21.50	20.16	20.15	20.38	21.50
3GPP Rel 6	HSUPA Subtest-3	21.71	21.68	21.59	22.50	21.59	21.63	21.63	22.50	21.20	21.21	21.39	22.50
3GPP Rel 6	HSUPA Subtest-4	20.63	20.71	20.55	21.50	20.59	20.63	20.63	21.50	20.14	20.14	20.35	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.50	23.50	22.60	22.60	22.60	23.50	22.10	22.20	22.30	23.50

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	23.37	23.51	23.33	24.50	23.27	23.41	23.37	24.50	23.12	23.09	23.15	24.50
3GPP Rel 99	RMC 12.2Kbps	23.42	23.57	23.41	24.50	23.35	23.47	23.40	24.50	23.18	23.14	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	22.54	22.61	22.53	23.50	22.41	22.53	22.56	23.50	22.18	22.23	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.63	22.52	23.50	22.39	22.53	22.59	23.50	22.20	22.28	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	22.07	22.19	22.03	23.00	21.91	22.02	22.05	23.00	21.70	21.75	21.88	23.00
3GPP Rel 6	HSDPA Subtest-4	22.01	22.11	22.03	23.00	21.89	22.02	22.07	23.00	21.71	21.76	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.57	22.48	23.50	22.40	22.39	22.49	23.50	22.18	22.05	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.48	22.55	22.37	23.50	22.19	22.39	22.53	23.50	22.14	22.20	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	22.05	21.92	23.00	21.85	21.90	21.91	23.00	21.51	21.72	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.94	22.02	21.87	23.00	21.72	21.97	21.93	23.00	21.55	21.69	21.77	23.00
3GPP Rel 6	HSUPA Subtest-1	22.57	22.71	22.62	23.50	22.36	22.57	22.60	23.50	22.08	22.23	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.66	20.53	21.50	20.32	20.55	20.64	21.50	20.09	20.22	20.29	21.50
3GPP Rel 6	HSUPA Subtest-3	21.53	21.66	21.61	22.50	21.34	21.57	21.65	22.50	21.08	21.16	21.30	22.50
3GPP Rel 6	HSUPA Subtest-4	20.55	20.72	20.54	21.50	20.44	20.57	20.62	21.50	20.17	20.15	20.29	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.60	23.50	22.30	22.60	22.60	23.50	22.20	22.20	22.30	23.50

Band 2_Ant 13

BW [MHz]	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	23.07	23.28	23.22	24	0
20	QPSK	1	49	23.10	23.36	23.22		
20	QPSK	1	99	23.03	23.15	23.11		
20	QPSK	50	0	22.07	22.31	22.22	23	1
20	QPSK	50	24	22.06	22.36	22.20		
20	QPSK	50	50	22.06	22.25	22.10		
20	QPSK	100	0	22.01	22.25	22.16		
20	16QAM	1	0	22.28	22.55	22.46	23	1
20	16QAM	1	49	22.25	22.47	22.29		
20	16QAM	1	99	22.29	22.42	22.36		
20	16QAM	50	0	21.01	21.31	21.22	22	2
20	16QAM	50	24	21.07	21.34	21.20		
20	16QAM	50	50	21.04	21.19	21.09		
20	16QAM	100	0	20.95	21.29	21.12		
20	64QAM	1	0	21.35	21.43	21.46	22	2
20	64QAM	1	49	21.26	21.22	21.25		
20	64QAM	1	99	21.26	21.37	21.25		
20	64QAM	50	0	20.08	20.38	20.23	21	3
20	64QAM	50	24	20.10	20.43	20.22		
20	64QAM	50	50	20.05	20.31	20.10		
20	64QAM	100	0	19.95	20.27	20.09		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.95	23.16	23.21	24	0
15	QPSK	1	37	22.96	23.20	23.01		
15	QPSK	1	74	23.05	23.12	23.05		
15	QPSK	36	0	21.94	22.25	22.12	23	1
15	QPSK	36	20	21.97	22.37	22.19		
15	QPSK	36	39	22.00	22.18	21.94		
15	QPSK	75	0	21.87	22.08	22.07		
15	16QAM	1	0	22.14	22.52	22.40	23	1
15	16QAM	1	37	22.17	22.30	22.31		
15	16QAM	1	74	22.14	22.41	22.32		
15	16QAM	36	0	20.88	21.32	21.19	22	2
15	16QAM	36	20	20.97	21.25	21.08		
15	16QAM	36	39	21.05	21.19	21.08		
15	16QAM	75	0	20.81	21.30	21.06		
15	64QAM	1	0	21.17	21.28	21.37	22	2
15	64QAM	1	37	21.25	21.11	21.19		
15	64QAM	1	74	21.27	21.33	21.09		
15	64QAM	36	0	20.04	20.26	20.12	21	3
15	64QAM	36	20	19.99	20.39	20.18		
15	64QAM	36	39	20.04	20.25	20.06		
15	64QAM	75	0	19.84	20.17	19.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.91	23.29	23.04	24	0
10	QPSK	1	25	22.98	23.30	23.04		
10	QPSK	1	49	22.91	23.05	22.90		
10	QPSK	25	0	22.07	22.21	22.08	23	1
10	QPSK	25	12	21.90	22.20	22.15		
10	QPSK	25	25	22.07	22.24	21.93		
10	QPSK	50	0	21.88	22.23	22.06		
10	16QAM	1	0	22.15	22.39	22.42	23	1
10	16QAM	1	25	22.17	22.45	22.30		
10	16QAM	1	49	22.31	22.35	22.28		
10	16QAM	25	0	20.93	21.24	21.10	22	2
10	16QAM	25	12	21.06	21.17	21.06		
10	16QAM	25	25	21.06	21.18	21.08		
10	16QAM	50	0	20.88	21.28	21.13		
10	64QAM	1	0	21.31	21.33	21.36	22	2
10	64QAM	1	25	21.16	21.15	21.13		
10	64QAM	1	49	21.20	21.31	21.09		
10	64QAM	25	0	20.10	20.25	20.10	21	3
10	64QAM	25	12	20.02	20.36	20.24		
10	64QAM	25	25	20.01	20.26	19.92		
10	64QAM	50	0	19.86	20.14	20.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.92	23.25	23.11	24	0
5	QPSK	1	12	23.04	23.33	22.95		
5	QPSK	1	24	22.98	23.13	23.05		
5	QPSK	12	0	22.08	22.24	22.11	23	1
5	QPSK	12	7	21.98	22.36	22.05		
5	QPSK	12	13	21.94	22.14	22.08		
5	QPSK	25	0	21.91	22.24	21.99		
5	16QAM	1	0	22.22	22.54	22.36	23	1
5	16QAM	1	12	22.27	22.38	22.13		
5	16QAM	1	24	22.14	22.42	22.37		
5	16QAM	12	0	20.83	21.23	21.04	22	2
5	16QAM	12	7	20.97	21.23	21.09		
5	16QAM	12	13	20.94	21.17	21.05		
5	16QAM	25	0	20.96	21.21	21.00		
5	64QAM	1	0	21.33	21.27	21.47	22	2
5	64QAM	1	12	21.12	21.11	21.21		
5	64QAM	1	24	21.20	21.39	21.13		
5	64QAM	12	0	19.90	20.31	20.09	21	3
5	64QAM	12	7	20.06	20.26	20.23		
5	64QAM	12	13	19.97	20.25	20.06		
5	64QAM	25	0	19.78	20.16	20.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.04	23.14	23.12	24	0
3	QPSK	1	8	22.96	23.31	22.97		
3	QPSK	1	14	23.03	23.06	22.88		
3	QPSK	8	0	21.94	22.19	22.06	23	1
3	QPSK	8	4	21.88	22.32	22.17		
3	QPSK	8	7	22.07	22.25	22.02		
3	QPSK	15	0	21.90	22.27	22.07		
3	16QAM	1	0	22.11	22.44	22.35	23	1
3	16QAM	1	8	22.13	22.42	22.31		
3	16QAM	1	14	22.25	22.38	22.23		
3	16QAM	8	0	20.94	21.28	21.11	22	2
3	16QAM	8	4	20.93	21.36	21.04		
3	16QAM	8	7	20.97	21.04	21.05		
3	16QAM	15	0	20.83	21.12	21.08		
3	64QAM	1	0	21.17	21.42	21.28	22	2
3	64QAM	1	8	21.10	21.09	21.11		
3	64QAM	1	14	21.24	21.36	21.08		
3	64QAM	8	0	19.97	20.23	20.09	21	3
3	64QAM	8	4	20.05	20.31	20.23		
3	64QAM	8	7	19.90	20.24	19.94		
3	64QAM	15	0	19.89	20.12	19.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.09	23.18	23.07	24	0
1.4	QPSK	1	3	23.09	23.22	22.93		
1.4	QPSK	1	5	23.05	23.21	22.99		
1.4	QPSK	3	0	23.07	23.27	23.01		
1.4	QPSK	3	1	23.15	23.33	23.09		
1.4	QPSK	3	3	23.08	23.20	23.09		
1.4	QPSK	6	0	22.04	22.19	22.00	23	1
1.4	16QAM	1	0	22.47	22.47	22.31	23	1
1.4	16QAM	1	3	22.46	22.56	22.33		
1.4	16QAM	1	5	22.23	22.50	22.25		
1.4	16QAM	3	0	22.14	22.33	21.98		
1.4	16QAM	3	1	22.14	22.29	21.97		
1.4	16QAM	3	3	22.10	22.22	22.00		
1.4	16QAM	6	0	21.22	21.35	21.09	22	2
1.4	64QAM	1	0	21.20	21.36	21.17	22	2
1.4	64QAM	1	3	21.26	21.41	21.27		
1.4	64QAM	1	5	21.17	21.27	21.18		
1.4	64QAM	3	0	21.16	21.31	21.14		
1.4	64QAM	3	1	21.20	21.36	21.16		
1.4	64QAM	3	3	21.14	21.37	21.16		
1.4	64QAM	6	0	20.06	20.19	20.04	21	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	23.07	23.18	23.08	24	0
20	QPSK	1	49	23.14	23.31	23.28		
20	QPSK	1	99	22.89	22.93	22.91		
20	QPSK	50	0	22.09	22.33	22.32	23	1
20	QPSK	50	24	22.28	22.43	22.39		
20	QPSK	50	50	21.94	22.31	22.19		
20	QPSK	100	0	21.99	22.21	22.20		
20	16QAM	1	0	22.28	22.30	22.37	23	1
20	16QAM	1	49	21.96	21.98	21.92		
20	16QAM	1	99	22.05	22.12	22.04		
20	16QAM	50	0	20.98	21.11	21.18	22	2
20	16QAM	50	24	21.05	21.28	21.14		
20	16QAM	50	50	20.99	21.14	20.86		
20	16QAM	100	0	20.91	21.06	21.20		
20	64QAM	1	0	21.46	21.22	21.45	22	2
20	64QAM	1	49	21.10	21.04	21.29		
20	64QAM	1	99	21.19	21.50	21.22		
20	64QAM	50	0	20.08	20.25	20.22	21	3
20	64QAM	50	24	20.16	20.35	20.31		
20	64QAM	50	50	19.89	20.04	19.89		
20	64QAM	100	0	20.02	20.21	20.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.00	23.10	23.11	24	0
15	QPSK	1	37	23.15	22.96	23.10		
15	QPSK	1	74	22.70	23.12	22.97		
15	QPSK	36	0	21.97	22.39	22.24	23	1
15	QPSK	36	20	22.06	22.47	22.41		
15	QPSK	36	39	21.99	22.26	22.03		
15	QPSK	75	0	22.07	22.30	22.17		
15	16QAM	1	0	22.38	22.43	22.44	23	1
15	16QAM	1	37	22.09	21.99	22.04		
15	16QAM	1	74	22.12	22.28	22.11		
15	16QAM	36	0	21.00	21.24	21.27	22	2
15	16QAM	36	20	21.11	21.41	21.27		
15	16QAM	36	39	21.04	21.20	21.02		
15	16QAM	75	0	20.96	21.19	21.24		
15	64QAM	1	0	21.55	21.23	21.47	22	2
15	64QAM	1	37	21.15	21.09	21.42		
15	64QAM	1	74	21.17	21.58	21.20		
15	64QAM	36	0	20.07	20.32	20.28	21	3
15	64QAM	36	20	20.06	20.42	20.30		
15	64QAM	36	39	20.05	20.24	20.30		
15	64QAM	75	0	19.99	20.24	20.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.12	23.01	23.15	24	0
10	QPSK	1	25	23.12	23.11	22.97		
10	QPSK	1	49	23.12	23.11	23.09		
10	QPSK	25	0	22.18	22.32	22.22	23	1
10	QPSK	25	12	22.15	22.31	22.41		
10	QPSK	25	25	22.21	22.31	22.21		
10	QPSK	50	0	22.10	22.33	22.18		
10	16QAM	1	0	22.42	22.27	22.30	23	1
10	16QAM	1	25	22.46	22.17	22.17		
10	16QAM	1	49	22.33	22.59	22.61		
10	16QAM	25	0	21.13	21.17	21.30	22	2
10	16QAM	25	12	21.13	21.38	21.16		
10	16QAM	25	25	21.20	21.33	21.08		
10	16QAM	50	0	21.16	21.42	21.21		
10	64QAM	1	0	21.34	21.16	21.30	22	2
10	64QAM	1	25	21.43	20.93	21.34		
10	64QAM	1	49	21.36	21.34	21.34		
10	64QAM	25	0	20.14	20.32	20.16	21	3
10	64QAM	25	12	20.16	20.38	20.17		
10	64QAM	25	25	20.14	20.41	20.18		
10	64QAM	50	0	20.14	20.29	20.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.05	23.09	23.00	24	0
5	QPSK	1	12	23.10	23.10	23.09		
5	QPSK	1	24	23.10	23.08	22.92		
5	QPSK	12	0	22.37	22.30	22.12	23	1
5	QPSK	12	7	22.06	22.34	22.21		
5	QPSK	12	13	22.12	22.23	22.14		
5	QPSK	25	0	22.16	22.35	22.28		
5	16QAM	1	0	22.36	22.60	22.52	23	1
5	16QAM	1	12	22.77	22.74	22.65		
5	16QAM	1	24	22.60	22.37	22.34		
5	16QAM	12	0	21.18	21.39	21.35	22	2
5	16QAM	12	7	21.21	21.39	21.22		
5	16QAM	12	13	21.18	21.37	21.17		
5	16QAM	25	0	21.18	21.49	21.23		
5	64QAM	1	0	21.07	21.40	21.49	22	2
5	64QAM	1	12	21.09	21.15	21.54		
5	64QAM	1	24	21.32	21.42	21.39		
5	64QAM	12	0	20.39	20.42	20.36	21	3
5	64QAM	12	7	20.26	20.48	20.33		
5	64QAM	12	13	20.19	20.42	20.19		
5	64QAM	25	0	20.27	20.46	20.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.99	23.06	22.98	24	0
3	QPSK	1	8	22.97	22.81	22.94		
3	QPSK	1	14	22.59	23.02	22.99		
3	QPSK	8	0	21.80	22.19	22.22	23	1
3	QPSK	8	4	22.00	22.23	22.27		
3	QPSK	8	7	21.98	22.26	22.01		
3	QPSK	15	0	22.02	22.13	22.05		
3	16QAM	1	0	22.34	22.37	22.33	23	1
3	16QAM	1	8	22.05	22.00	21.92		
3	16QAM	1	14	22.12	22.22	22.10		
3	16QAM	8	0	21.01	21.21	21.22	22	2
3	16QAM	8	4	21.04	21.26	21.26		
3	16QAM	8	7	21.01	21.15	20.95		
3	16QAM	15	0	20.94	21.01	21.21		
3	64QAM	1	0	21.42	21.07	21.39	22	2
3	64QAM	1	8	21.17	21.06	21.24		
3	64QAM	1	14	21.03	21.40	21.17		
3	64QAM	8	0	19.92	20.25	20.22	21	3
3	64QAM	8	4	19.98	20.26	20.31		
3	64QAM	8	7	20.06	20.08	20.16		
3	64QAM	15	0	19.98	20.07	19.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.93	23.11	22.97	24	0
1.4	QPSK	1	3	23.08	22.91	22.96		
1.4	QPSK	1	5	22.69	23.10	22.80		
1.4	QPSK	3	0	23.00	23.11	22.99		
1.4	QPSK	3	1	23.15	22.99	23.02		
1.4	QPSK	3	3	22.79	22.94	22.96		
1.4	QPSK	6	0	21.96	22.31	22.07	23	1
1.4	16QAM	1	0	22.36	22.28	22.18	23	1
1.4	16QAM	1	3	22.04	21.96	22.03		
1.4	16QAM	1	5	22.19	22.28	22.08		
1.4	16QAM	3	0	22.24	22.34	22.32		
1.4	16QAM	3	1	22.02	21.89	21.94		
1.4	16QAM	3	3	22.16	22.17	21.94		
1.4	16QAM	6	0	20.83	21.02	21.07	22	2
1.4	64QAM	1	0	21.36	21.15	21.38	22	2
1.4	64QAM	1	3	21.10	21.06	21.26		
1.4	64QAM	1	5	21.09	21.49	21.14		
1.4	64QAM	3	0	21.27	21.22	21.28		
1.4	64QAM	3	1	21.03	21.10	21.25		
1.4	64QAM	3	3	21.04	21.21	21.12		
1.4	64QAM	6	0	20.01	20.10	20.17	21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.78	22.87	22.86	24	0
20	QPSK	1	49	22.83	22.97	22.84		
20	QPSK	1	99	22.64	22.92	22.90		
20	QPSK	50	0	21.88	21.95	21.86	23	1
20	QPSK	50	24	21.93	21.97	21.93		
20	QPSK	50	50	21.83	21.92	21.85		
20	QPSK	100	0	21.91	21.95	21.94		
20	16QAM	1	0	22.02	21.81	21.84	23	1
20	16QAM	1	49	22.20	21.87	21.99		
20	16QAM	1	99	21.84	21.91	22.09		
20	16QAM	50	0	20.64	20.79	20.80	22	2
20	16QAM	50	24	20.88	20.96	20.92		
20	16QAM	50	50	20.91	20.93	20.86		
20	16QAM	100	0	21.03	20.81	21.00		
20	64QAM	1	0	20.93	20.93	21.02	22	2
20	64QAM	1	49	21.14	20.89	21.16		
20	64QAM	1	99	20.91	20.95	20.84		
20	64QAM	50	0	19.62	19.85	19.74	21	3
20	64QAM	50	24	19.93	19.73	19.84		
20	64QAM	50	50	19.85	19.90	19.78		
20	64QAM	100	0	19.87	19.83	19.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.92	22.91	22.81	24	0
15	QPSK	1	37	22.87	22.71	22.87		
15	QPSK	1	74	22.87	22.92	22.96		
15	QPSK	36	0	22.06	21.87	21.98	23	1
15	QPSK	36	20	21.92	21.70	21.98		
15	QPSK	36	39	21.81	21.89	21.89		
15	QPSK	75	0	21.85	21.86	21.95		
15	16QAM	1	0	22.29	22.24	22.15	23	1
15	16QAM	1	37	22.11	22.42	22.45		
15	16QAM	1	74	22.50	22.38	22.08		
15	16QAM	36	0	20.63	20.86	20.95	22	2
15	16QAM	36	20	20.77	20.76	21.01		
15	16QAM	36	39	20.89	20.84	20.89		
15	16QAM	75	0	20.86	20.81	20.94		
15	64QAM	1	0	20.91	21.17	21.39	22	2
15	64QAM	1	37	21.03	21.00	20.99		
15	64QAM	1	74	21.19	20.97	21.20		
15	64QAM	36	0	19.88	19.75	19.96	21	3
15	64QAM	36	20	19.98	19.72	19.98		
15	64QAM	36	39	19.85	19.87	19.97		
15	64QAM	75	0	19.80	19.80	19.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.85	22.68	22.73	24	0
10	QPSK	1	25	22.58	22.73	22.67		
10	QPSK	1	49	22.81	22.82	22.78		
10	QPSK	25	0	21.71	21.70	21.80	23	1
10	QPSK	25	12	21.80	21.76	21.76		
10	QPSK	25	25	21.75	21.88	21.75		
10	QPSK	50	0	21.74	21.68	21.72		
10	16QAM	1	0	22.31	22.33	22.01	23	1
10	16QAM	1	25	22.08	22.09	22.28		
10	16QAM	1	49	22.34	22.45	22.39		
10	16QAM	25	0	20.69	20.84	20.94	22	2
10	16QAM	25	12	20.69	20.67	20.82		
10	16QAM	25	25	20.74	20.76	20.79		
10	16QAM	50	0	20.62	20.88	20.80		
10	64QAM	1	0	21.11	20.72	20.95	22	2
10	64QAM	1	25	20.86	20.98	21.14		
10	64QAM	1	49	21.10	21.02	21.18		
10	64QAM	25	0	19.77	19.74	19.93	21	3
10	64QAM	25	12	19.59	19.72	19.76		
10	64QAM	25	25	19.83	19.66	19.86		
10	64QAM	50	0	19.75	19.86	19.77		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.95	22.77	22.62	24	0
5	QPSK	1	12	22.83	22.71	22.85		
5	QPSK	1	24	22.80	22.65	22.62		
5	QPSK	12	0	21.74	21.79	21.87	23	1
5	QPSK	12	7	21.76	21.64	21.72		
5	QPSK	12	13	21.64	21.69	21.75		
5	QPSK	25	0	21.67	21.74	21.81		
5	16QAM	1	0	21.98	22.16	22.17	23	1
5	16QAM	1	12	21.97	22.09	22.09		
5	16QAM	1	24	21.73	22.07	22.19		
5	16QAM	12	0	20.77	20.88	20.80	22	2
5	16QAM	12	7	20.74	20.77	20.75		
5	16QAM	12	13	20.68	20.54	20.81		
5	16QAM	25	0	20.82	20.72	20.79		
5	64QAM	1	0	21.12	20.86	21.03	22	2
5	64QAM	1	12	21.10	20.72	21.18		
5	64QAM	1	24	20.90	20.98	20.76		
5	64QAM	12	0	19.65	20.14	19.94	21	3
5	64QAM	12	7	19.73	19.70	19.83		
5	64QAM	12	13	19.76	19.72	19.82		
5	64QAM	25	0	19.75	19.87	19.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.72	22.91	22.92	24	0
3	QPSK	1	8	22.78	22.85	22.96		
3	QPSK	1	14	22.88	22.91	22.89		
3	QPSK	8	0	21.78	21.80	22.03	23	1
3	QPSK	8	4	21.73	21.88	21.82		
3	QPSK	8	7	21.78	21.84	21.78		
3	QPSK	15	0	21.75	21.85	21.90		
3	16QAM	1	0	22.13	22.20	22.39	23	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.59	22.72	22.68	24	0
20	QPSK	1	49	22.72	22.82	22.78		
20	QPSK	1	99	22.54	22.74	22.63		
20	QPSK	50	0	21.62	21.70	21.67	23	1
20	QPSK	50	24	21.64	21.75	21.68		
20	QPSK	50	50	21.60	21.70	21.67		
20	QPSK	100	0	21.60	21.73	21.70		
20	16QAM	1	0	21.52	21.62	21.70	23	1
20	16QAM	1	49	21.72	21.64	21.85		
20	16QAM	1	99	21.61	21.66	21.73		
20	16QAM	50	0	20.52	20.61	20.73	22	2
20	16QAM	50	24	20.74	20.67	20.71		
20	16QAM	50	50	20.69	20.74	20.69		
20	16QAM	100	0	20.44	20.63	20.73		
20	64QAM	1	0	20.56	20.55	20.63	22	2
20	64QAM	1	49	20.85	20.98	20.89		
20	64QAM	1	99	20.65	20.79	21.00		
20	64QAM	50	0	19.58	19.56	19.61	21	3
20	64QAM	50	24	19.70	19.70	19.67		
20	64QAM	50	50	19.57	19.70	19.70		
20	64QAM	100	0	19.45	19.65	19.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.61	22.73	22.53	24	0
15	QPSK	1	37	22.65	22.65	22.65		
15	QPSK	1	74	22.46	22.74	22.55		
15	QPSK	36	0	21.47	21.54	21.63	23	1
15	QPSK	36	20	21.63	21.61	21.56		
15	QPSK	36	39	21.56	21.60	21.55		
15	QPSK	75	0	21.44	21.73	21.68		
15	16QAM	1	0	21.47	21.57	21.69	23	1
15	16QAM	1	37	21.74	21.56	21.80		
15	16QAM	1	74	21.54	21.56	21.65		
15	16QAM	36	0	20.42	20.63	20.57	22	2
15	16QAM	36	20	20.72	20.59	20.69		
15	16QAM	36	39	20.59	20.67	20.71		
15	16QAM	75	0	20.41	20.57	20.74		
15	64QAM	1	0	20.52	20.53	20.54	22	2
15	64QAM	1	37	20.84	20.82	20.81		
15	64QAM	1	74	20.65	20.77	20.87		
15	64QAM	36	0	19.60	19.52	19.50	21	3
15	64QAM	36	20	19.53	19.57	19.55		
15	64QAM	36	39	19.39	19.60	19.64		
15	64QAM	75	0	19.27	19.54	19.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.52	22.71	22.68	24	0
10	QPSK	1	25	22.73	22.80	22.69		
10	QPSK	1	49	22.46	22.67	22.63		
10	QPSK	25	0	21.46	21.52	21.62	23	1
10	QPSK	25	12	21.61	21.69	21.61		
10	QPSK	25	25	21.44	21.69	21.61		
10	QPSK	50	0	21.62	21.75	21.52		
10	16QAM	1	0	21.42	21.45	21.72	23	1
10	16QAM	1	25	21.73	21.58	21.74		
10	16QAM	1	49	21.55	21.49	21.60		
10	16QAM	25	0	20.50	20.62	20.67	22	2
10	16QAM	25	12	20.71	20.56	20.54		
10	16QAM	25	25	20.53	20.59	20.59		
10	16QAM	50	0	20.32	20.46	20.73		
10	64QAM	1	0	20.56	20.51	20.65	22	2
10	64QAM	1	25	20.75	20.92	20.73		
10	64QAM	1	49	20.52	20.69	20.83		
10	64QAM	25	0	19.51	19.46	19.44	21	3
10	64QAM	25	12	19.58	19.65	19.56		
10	64QAM	25	25	19.39	19.63	19.65		
10	64QAM	50	0	19.44	19.48	19.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.41	22.67	22.60	24	0
5	QPSK	1	12	22.59	22.64	22.79		
5	QPSK	1	24	22.54	22.62	22.61		
5	QPSK	12	0	21.49	21.70	21.51	23	1
5	QPSK	12	7	21.55	21.57	21.50		
5	QPSK	12	13	21.42	21.68	21.66		
5	QPSK	25	0	21.47	21.57	21.58		
5	16QAM	1	0	21.42	21.60	21.72	23	1
5	16QAM	1	12	21.65	21.54	21.74		
5	16QAM	1	24	21.45	21.50	21.72		
5	16QAM	12	0	20.46	20.45	20.74	22	2
5	16QAM	12	7	20.73	20.55	20.56		
5	16QAM	12	13	20.62	20.69	20.51		
5	16QAM	25	0	20.44	20.63	20.57		
5	64QAM	1	0	20.38	20.53	20.51	22	2
5	64QAM	1	12	20.84	20.84	20.87		
5	64QAM	1	24	20.58	20.81	20.78		
5	64QAM	12	0	19.52	19.50	19.50	21	3
5	64QAM	12	7	19.62	19.66	19.66		
5	64QAM	12	13	19.49	19.56	19.61		
5	64QAM	25	0	19.27	19.47	19.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.50	22.54	22.50	24	0
3	QPSK	1	8	22.62	22.66	22.69		
3	QPSK	1	14	22.45	22.72	22.49		
3	QPSK	8	0	21.51	21.59	21.66	23	1
3	QPSK	8	4	21.62	21.68	21.66		
3	QPSK	8	7	21.51	21.68	21.63		
3	QPSK	15	0	21.52	21.58	21.63		
3	16QAM	1	0	21.36	21.61	21.59	23	1
3	16QAM	1	8	21.56	21.60	21.73		
3	16QAM	1	14	21.60	21.53	21.68		
3	16QAM	8	0	20.53	20.63	20.61	22	2
3	16QAM	8	4	20.70	20.60	20.72		
3	16QAM	8	7	20.56	20.58	20.69		
3	16QAM	15	0	20.43	20.63	20.67		
3	64QAM	1	0	20.45	20.50	20.65	22	2
3	64QAM	1	8	20.83	20.86	20.74		
3	64QAM	1	14	20.65	20.65	20.67		
3	64QAM	8	0	19.44	19.51	19.47	21	3
3	64QAM	8	4	19.53	19.56	19.59		
3	64QAM	8	7	19.39	19.54	19.63		
3	64QAM	15	0	19.32	19.63	19.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.46	22.57	22.53	24	0
1.4	QPSK	1	3	22.55	22.67	22.62		
1.4	QPSK	1	5	22.46	22.73	22.54		
1.4	QPSK	3	0	22.58	22.68	22.53		
1.4	QPSK	3	1	22.51	22.65	22.54		
1.4	QPSK	3	3	22.62	22.67	22.64		
1.4	QPSK	6	0	21.56	21.66	21.67	23	1
1.4	16QAM	1	0	21.53	21.46	21.64	23	1
1.4	16QAM	1	3	21.67	21.53	21.71		
1.4	16QAM	1	5	21.59	21.62	21.55		
1.4	16QAM	3	0	21.52	21.46	21.60		
1.4	16QAM	3	1	21.73	21.63	21.63		
1.4	16QAM	3	3	21.65	21.69	21.69		
1.4	16QAM	6	0	20.38	20.54	20.61	22	2
1.4	64QAM	1	0	20.41	20.41	20.61	22	2
1.4	64QAM	1	3	20.70	20.74	20.78		
1.4	64QAM	1	5	20.50	20.76	20.87		
1.4	64QAM	3	0	20.55	20.48	20.50		
1.4	64QAM	3	1	20.56	20.57	20.52		
1.4	64QAM	3	3	20.40	20.63	20.56		
1.4	64QAM	6	0	19.38	19.52	19.82	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.90	23.10	22.92	24	0
10	QPSK	1	25	22.92	23.12	23.10		
10	QPSK	1	49	22.94	23.04	23.03		
10	QPSK	25	0	21.75	21.89	21.82	23	1
10	QPSK	25	12	21.71	21.95	21.88		
10	QPSK	25	25	21.83	21.91	21.86		
10	QPSK	50	0	21.77	21.91	21.83		
10	16QAM	1	0	22.33	22.21	22.17	23	1
10	16QAM	1	25	22.01	21.90	21.87		
10	16QAM	1	49	22.14	21.97	21.99		
10	16QAM	25	0	20.78	20.93	20.79	22	2
10	16QAM	25	12	20.68	21.03	20.81		
10	16QAM	25	25	20.87	21.00	20.97		
10	16QAM	50	0	20.82	21.03	20.78		
10	64QAM	1	0	21.09	21.16	20.97	22	2
10	64QAM	1	25	21.14	21.26	21.02		
10	64QAM	1	49	21.27	21.42	21.34		
10	64QAM	25	0	19.74	19.87	19.70	21	3
10	64QAM	25	12	19.84	20.14	19.83		
10	64QAM	25	25	19.77	20.10	19.93		
10	64QAM	50	0	19.77	19.99	19.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.81	23.02	22.90	24	0
5	QPSK	1	12	22.89	22.94	23.10		
5	QPSK	1	24	22.79	22.93	23.02		
5	QPSK	12	0	21.60	21.89	21.70	23	1
5	QPSK	12	7	21.71	21.93	21.90		
5	QPSK	12	13	21.76	21.82	21.84		
5	QPSK	25	0	21.78	21.90	21.75		
5	16QAM	1	0	22.24	22.16	22.04	23	1
5	16QAM	1	12	21.83	21.83	21.79		
5	16QAM	1	24	22.08	21.88	21.98		
5	16QAM	12	0	20.80	20.78	20.76	22	2
5	16QAM	12	7	20.56	20.85	20.63		
5	16QAM	12	13	20.83	20.92	20.93		
5	16QAM	25	0	20.78	20.99	20.67		
5	64QAM	1	0	21.07	21.10	20.91	22	2
5	64QAM	1	12	21.05	21.10	21.02		
5	64QAM	1	24	21.25	21.33	21.33		
5	64QAM	12	0	19.66	19.85	19.63	21	3
5	64QAM	12	7	19.77	20.09	19.84		
5	64QAM	12	13	19.73	20.08	19.82		
5	64QAM	25	0	19.78	19.90	19.66		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.77	22.98	22.83	24	0
3	QPSK	1	8	22.94	23.00	22.92		
3	QPSK	1	14	22.82	22.96	22.89		
3	QPSK	8	0	21.64	21.88	21.84	23	1
3	QPSK	8	4	21.56	21.77	21.74		
3	QPSK	8	7	21.69	21.84	21.69		
3	QPSK	15	0	21.73	21.88	21.84		
3	16QAM	1	0	22.22	22.18	22.10	23	1
3	16QAM	1	8	21.95	21.73	21.86		
3	16QAM	1	14	22.09	21.84	21.87		
3	16QAM	8	0	20.75	20.82	20.67	22	2
3	16QAM	8	4	20.64	20.90	20.68		
3	16QAM	8	7	20.80	20.85	20.85		
3	16QAM	15	0	20.73	21.02	20.66		
3	64QAM	1	0	21.10	21.18	20.99	22	2
3	64QAM	1	8	21.10	21.28	20.93		
3	64QAM	1	14	21.21	21.41	21.24		
3	64QAM	8	0	19.75	19.86	19.59	21	3
3	64QAM	8	4	19.69	19.98	19.77		
3	64QAM	8	7	19.66	20.04	19.82		
3	64QAM	15	0	19.73	19.94	19.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.55	22.98	22.79	24	0
1.4	QPSK	1	3	22.96	22.75	22.89		
1.4	QPSK	1	5	22.73	22.51	22.98		
1.4	QPSK	3	0	22.70	22.92	22.86		
1.4	QPSK	3	1	22.91	22.67	22.90		
1.4	QPSK	3	3	22.73	22.84	22.99		
1.4	QPSK	6	0	21.75	21.76	21.87	23	1
1.4	16QAM	1	0	21.87	21.88	21.93	23	1
1.4	16QAM	1	3	21.76	21.99	21.99		
1.4	16QAM	1	5	22.16	21.84	22.11		
1.4	16QAM	3	0	21.79	21.66	21.65		
1.4	16QAM	3	1	21.96	21.69	21.92		
1.4	16QAM	3	3	21.52	21.68	21.84		
1.4	16QAM	6	0	20.76	20.82	20.85	22	2
1.4	64QAM	1	0	21.18	21.32	21.13	22	2
1.4	64QAM	1	3	20.98	21.27	20.99		
1.4	64QAM	1	5	21.04	21.17	21.05		
1.4	64QAM	3	0	20.66	21.04	21.04		
1.4	64QAM	3	1	21.06	20.84	21.09		
1.4	64QAM	3	3	20.90	20.86	21.09		
1.4	64QAM	6	0	19.76	19.82	20.08	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.10	23.16	23.03	24	0
20	QPSK	1	49	23.34	23.47	23.31		
20	QPSK	1	99	23.05	23.08	22.97		
20	QPSK	50	0	22.30	22.35	22.14	23	1
20	QPSK	50	24	22.38	22.44	22.27		
20	QPSK	50	50	22.23	22.28	22.11		
20	QPSK	100	0	22.34	22.40	22.18		
20	16QAM	1	0	22.38	22.36	22.28	23	1
20	16QAM	1	49	22.72	22.74	22.35		
20	16QAM	1	99	22.29	22.30	22.26		
20	16QAM	50	0	21.25	21.41	21.14	22	2
20	16QAM	50	24	21.39	21.49	21.26		
20	16QAM	50	50	21.12	21.35	21.15		
20	16QAM	100	0	21.29	21.31	21.16		
20	64QAM	1	0	21.35	21.37	21.27	22	2
20	64QAM	1	49	21.71	21.54	21.46		
20	64QAM	1	99	21.27	21.27	21.25		
20	64QAM	50	0	20.27	20.38	20.09	21	3
20	64QAM	50	24	20.41	20.43	20.31		
20	64QAM	50	50	20.20	20.25	20.13		
20	64QAM	100	0	20.26	20.31	20.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.04	22.85	24	0
15	QPSK	1	37	23.29	23.28	23.32		
15	QPSK	1	74	23.05	22.95	22.98		
15	QPSK	36	0	22.30	22.21	22.04	23	1
15	QPSK	36	20	22.33	22.43	22.10		
15	QPSK	36	39	22.16	22.24	21.93		
15	QPSK	75	0	22.25	22.30	22.15		
15	16QAM	1	0	22.31	22.18	22.19	23	1
15	16QAM	1	37	22.56	22.60	22.27		
15	16QAM	1	74	22.22	22.23	22.21		
15	16QAM	36	0	21.27	21.25	21.03	22	2
15	16QAM	36	20	21.22	21.32	21.27		
15	16QAM	36	39	21.04	21.32	21.13		
15	16QAM	75	0	21.21	21.31	21.05		
15	64QAM	1	0	21.30	21.26	21.17	22	2
15	64QAM	1	37	21.41	21.45	21.45		
15	64QAM	1	74	21.25	21.10	21.11		
15	64QAM	36	0	20.27	20.25	20.00	21	3
15	64QAM	36	20	20.30	20.34	20.21		
15	64QAM	36	39	20.11	20.16	20.14		
15	64QAM	75	0	20.25	20.24	20.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.07	22.99	22.96	24	0
10	QPSK	1	25	23.17	23.32	23.17		
10	QPSK	1	49	23.03	23.04	22.84		
10	QPSK	25	0	22.32	22.29	22.13	23	1
10	QPSK	25	12	22.37	22.37	22.12		
10	QPSK	25	25	22.22	22.20	22.06		
10	QPSK	50	0	22.20	22.34	22.05		
10	16QAM	1	0	22.20	22.27	22.22	23	1
10	16QAM	1	25	22.60	22.59	22.25		
10	16QAM	1	49	22.21	22.23	22.26		
10	16QAM	25	0	21.20	21.31	21.01	22	2
10	16QAM	25	12	21.31	21.35	21.09		
10	16QAM	25	25	21.11	21.33	21.14		
10	16QAM	50	0	21.26	21.13	21.08		
10	64QAM	1	0	21.18	21.34	21.25	22	2
10	64QAM	1	25	21.55	21.39	21.44		
10	64QAM	1	49	21.18	21.19	21.18		
10	64QAM	25	0	20.28	20.27	20.04	21	3
10	64QAM	25	12	20.24	20.34	20.15		
10	64QAM	25	25	20.18	20.12	19.96		
10	64QAM	50	0	20.11	20.22	20.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.02	23.15	22.91	24	0
5	QPSK	1	12	23.34	23.35	23.23		
5	QPSK	1	24	22.88	22.99	22.89		
5	QPSK	12	0	22.17	22.17	22.05	23	1
5	QPSK	12	7	22.35	22.32	22.11		
5	QPSK	12	13	22.22	22.18	21.97		
5	QPSK	25	0	22.19	22.32	22.18		
5	16QAM	1	0	22.23	22.20	22.30	23	1
5	16QAM	1	12	22.60	22.70	22.31		
5	16QAM	1	24	22.22	22.22	22.24		
5	16QAM	12	0	21.14	21.28	21.04	22	2
5	16QAM	12	7	21.36	21.45	21.16		
5	16QAM	12	13	20.96	21.17	21.11		
5	16QAM	25	0	21.20	21.20	21.01		
5	64QAM	1	0	21.21	21.38	21.29	22	2
5	64QAM	1	12	21.54	21.39	21.44		
5	64QAM	1	24	21.18	21.20	21.16		
5	64QAM	12	0	20.27	20.32	20.06	21	3
5	64QAM	12	7	20.33	20.26	20.32		
5	64QAM	12	13	20.07	20.27	19.96		
5	64QAM	25	0	20.26	20.22	20.19		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.82	23.04	22.71	24	0
20	QPSK	1	49	22.94	23.19	22.89		
20	QPSK	1	99	22.71	22.78	22.70		
20	QPSK	50	0	21.80	22.06	21.78	23	1
20	QPSK	50	24	22.15	22.16	22.03		
20	QPSK	50	50	21.89	22.14	22.07		
20	QPSK	100	0	22.08	22.12	22.04		
20	16QAM	1	0	21.91	21.83	21.99	23	1
20	16QAM	1	49	21.88	22.14	21.83		
20	16QAM	1	99	21.78	21.72	21.97		
20	16QAM	50	0	21.14	20.99	20.75	22	2
20	16QAM	50	24	20.92	21.11	21.09		
20	16QAM	50	50	20.90	21.08	21.17		
20	16QAM	100	0	20.90	20.99	20.92		
20	64QAM	1	0	20.94	20.94	20.77	22	2
20	64QAM	1	49	20.75	21.23	21.19		
20	64QAM	1	99	20.97	20.81	20.86		
20	64QAM	50	0	19.88	20.09	19.76	21	3
20	64QAM	50	24	20.03	20.03	19.77		
20	64QAM	50	50	19.82	20.06	20.10		
20	64QAM	100	0	19.90	19.97	19.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.69	23.06	22.67	24	0
15	QPSK	1	37	22.86	23.12	22.91		
15	QPSK	1	74	22.73	22.77	22.68		
15	QPSK	36	0	21.71	21.93	21.74	23	1
15	QPSK	36	20	22.13	22.16	22.01		
15	QPSK	36	39	21.88	22.00	22.01		
15	QPSK	75	0	22.06	22.02	21.86		
15	16QAM	1	0	21.91	21.83	21.85	23	1
15	16QAM	1	37	21.75	22.00	21.84		
15	16QAM	1	74	21.64	21.64	21.98		
15	16QAM	36	0	21.12	20.92	20.70	22	2
15	16QAM	36	20	20.76	21.01	21.05		
15	16QAM	36	39	20.90	20.98	21.08		
15	16QAM	75	0	20.86	20.96	20.94		
15	64QAM	1	0	20.82	20.92	20.61	22	2
15	64QAM	1	37	20.61	21.06	21.01		
15	64QAM	1	74	20.97	20.83	20.72		
15	64QAM	36	0	19.77	20.00	19.74	21	3
15	64QAM	36	20	19.94	20.02	19.79		
15	64QAM	36	39	19.70	20.07	20.00		
15	64QAM	75	0	19.85	19.80	19.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.72	22.90	22.61	24	0
10	QPSK	1	25	22.83	23.09	22.74		
10	QPSK	1	49	22.76	22.78	22.60		
10	QPSK	25	0	21.80	21.94	21.64	23	1
10	QPSK	25	12	22.08	22.02	21.99		
10	QPSK	25	25	21.71	22.08	22.02		
10	QPSK	50	0	22.10	22.05	21.87		
10	16QAM	1	0	21.91	21.65	21.91	23	1
10	16QAM	1	25	21.70	21.96	21.68		
10	16QAM	1	49	21.76	21.62	21.97		
10	16QAM	25	0	21.00	20.87	20.65	22	2
10	16QAM	25	12	20.78	21.11	21.11		
10	16QAM	25	25	20.72	21.01	21.01		
10	16QAM	50	0	20.74	21.00	20.90		
10	64QAM	1	0	20.92	20.88	20.60	22	2
10	64QAM	1	25	20.58	21.08	21.07		
10	64QAM	1	49	20.82	20.83	20.72		
10	64QAM	25	0	19.74	19.93	19.66	21	3
10	64QAM	25	12	19.94	19.98	19.73		
10	64QAM	25	25	19.79	20.03	19.98		
10	64QAM	50	0	19.89	19.83	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.77	22.96	22.63	24	0
5	QPSK	1	12	22.84	23.10	22.75		
5	QPSK	1	24	22.71	22.69	22.72		
5	QPSK	12	0	21.70	21.88	21.80	23	1
5	QPSK	12	7	22.08	22.18	22.01		
5	QPSK	12	13	21.74	22.07	21.96		
5	QPSK	25	0	21.95	21.97	21.90		
5	16QAM	1	0	21.92	21.84	21.94	23	1
5	16QAM	1	12	21.87	22.09	21.77		
5	16QAM	1	24	21.61	21.74	21.85		
5	16QAM	12	0	21.05	20.84	20.73	22	2
5	16QAM	12	7	20.87	21.04	20.98		
5	16QAM	12	13	20.79	21.03	21.15		
5	16QAM	25	0	20.74	20.97	20.94		
5	64QAM	1	0	20.94	20.93	20.79	22	2
5	64QAM	1	12	20.70	21.18	21.16		
5	64QAM	1	24	20.82	20.78	20.86		
5	64QAM	12	0	19.85	19.97	19.70	21	3
5	64QAM	12	7	19.88	20.02	19.79		
5	64QAM	12	13	19.79	19.89	19.98		
5	64QAM	25	0	19.82	19.98	19.77		

Band 12_Ant 13

BW [MHz]	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	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		23.18		24	0
10	QPSK	1	25		23.21			
10	QPSK	1	49		23.16			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.75			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.15		23	1
10	16QAM	1	25		21.70			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.74		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.72			
10	16QAM	50	0		20.75			
10	64QAM	1	0		21.13		22	2
10	64QAM	1	25		20.99			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.75		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.69			
10	64QAM	50	0		19.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.64	22.71	22.83	24	0
5	QPSK	1	12	22.95	22.69	22.89		
5	QPSK	1	24	22.73	22.59	23.04		
5	QPSK	12	0	21.68	21.80	21.70	23	1
5	QPSK	12	7	21.64	21.66	21.63		
5	QPSK	12	13	21.70	21.66	21.71		
5	QPSK	25	0	21.63	21.88	21.72		
5	16QAM	1	0	21.82	21.80	21.95	23	1
5	16QAM	1	12	22.07	21.69	22.03		
5	16QAM	1	24	21.95	22.02	22.12		
5	16QAM	12	0	20.59	20.79	20.75	22	2
5	16QAM	12	7	20.72	20.68	20.76		
5	16QAM	12	13	20.71	20.70	20.71		
5	16QAM	25	0	20.56	20.79	20.74		
5	64QAM	1	0	20.87	20.73	21.19	22	2
5	64QAM	1	12	20.95	21.22	21.16		
5	64QAM	1	24	20.91	20.79	20.83		
5	64QAM	12	0	19.63	19.82	19.83	21	3
5	64QAM	12	7	19.76	19.69	19.67		
5	64QAM	12	13	19.62	19.77	19.66		
5	64QAM	25	0	19.69	19.74	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	23.11	23.27	23.02	24	0
15	QPSK	1	37	23.21	23.31	23.17		
15	QPSK	1	74	23.20	23.24	23.09		
15	QPSK	36	0	22.21	22.27	22.19	23	1
15	QPSK	36	20	22.28	22.33	22.24		
15	QPSK	36	39	22.03	22.11	21.85		
15	QPSK	75	0	22.22	22.25	22.13		
15	16QAM	1	0	22.59	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.42	22.32		
15	16QAM	1	74	22.74	22.51	22.29		
15	16QAM	36	0	21.32	21.26	21.35	22	2
15	16QAM	36	20	21.11	21.20	20.98		
15	16QAM	36	39	20.91	20.85	20.96		
15	16QAM	75	0	21.11	21.08	20.94		
15	64QAM	1	0	21.32	21.35	21.34	22	2
15	64QAM	1	37	21.13	21.32	20.93		
15	64QAM	1	74	21.23	21.29	21.11		
15	64QAM	36	0	20.32	20.20	20.14	21	3
15	64QAM	36	20	20.12	19.92	19.96		
15	64QAM	36	39	19.89	19.83	19.87		
15	64QAM	75	0	20.09	19.98	19.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.30	23.28	23.20	24	0
10	QPSK	1	25	23.01	23.13	23.12		
10	QPSK	1	49	23.20	23.08	23.30		
10	QPSK	25	0	22.13	21.85	21.99	23	1
10	QPSK	25	12	22.08	21.96	22.17		
10	QPSK	25	25	22.05	21.99	22.16		
10	QPSK	50	0	22.03	21.96	22.08		
10	16QAM	1	0	22.48	22.33	22.30	23	1
10	16QAM	1	25	22.13	22.31	22.63		
10	16QAM	1	49	22.47	22.43	22.52		
10	16QAM	25	0	21.14	20.96	20.95	22	2
10	16QAM	25	12	21.03	21.02	21.03		
10	16QAM	25	25	20.92	21.03	21.18		
10	16QAM	50	0	21.05	20.93	21.29		
10	64QAM	1	0	21.33	21.13	21.37	22	2
10	64QAM	1	25	21.26	21.04	20.96		
10	64QAM	1	49	21.38	21.08	21.29		
10	64QAM	25	0	19.92	19.86	20.01	21	3
10	64QAM	25	12	20.02	19.81	20.11		
10	64QAM	25	25	20.06	20.08	20.17		
10	64QAM	50	0	20.09	19.90	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	22.96	23.05	24	0
5	QPSK	1	12	22.90	22.80	22.76		
5	QPSK	1	24	22.80	23.18	22.82		
5	QPSK	12	0	21.99	21.87	22.08	23	1
5	QPSK	12	7	22.05	22.00	21.96		
5	QPSK	12	13	22.01	21.89	21.98		
5	QPSK	25	0	22.09	21.93	22.10		
5	16QAM	1	0	22.03	22.41	22.43	23	1
5	16QAM	1	12	22.13	22.06	22.33		
5	16QAM	1	24	22.40	22.20	22.16		
5	16QAM	12	0	20.99	20.86	21.14	22	2
5	16QAM	12	7	21.13	20.99	20.90		
5	16QAM	12	13	21.05	21.12	21.03		
5	16QAM	25	0	21.12	20.77	21.15		
5	64QAM	1	0	20.98	20.94	21.39	22	2
5	64QAM	1	12	21.28	21.24	21.19		
5	64QAM	1	24	21.23	20.96	21.13		
5	64QAM	12	0	20.04	19.98	20.19	21	3
5	64QAM	12	7	20.14	20.07	20.10		
5	64QAM	12	13	20.06	19.90	20.10		
5	64QAM	25	0	20.07	19.99	19.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.19	23.17	23.15	24	0
3	QPSK	1	8	22.80	22.87	22.72		
3	QPSK	1	14	22.79	22.84	23.07		
3	QPSK	8	0	21.88	21.76	21.93	23	1
3	QPSK	8	4	22.01	21.97	22.05		
3	QPSK	8	7	22.02	21.87	21.96		
3	QPSK	15	0	21.97	21.70	21.94		
3	16QAM	1	0	22.01	22.31	22.25	23	1
3	16QAM	1	8	22.29	21.93	22.30		
3	16QAM	1	14	22.10	22.16	22.34		
3	16QAM	8	0	20.96	20.80	20.95	22	2
3	16QAM	8	4	20.93	20.86	21.04		
3	16QAM	8	7	20.99	20.97	20.97		
3	16QAM	15	0	21.04	20.87	20.94		
3	64QAM	1	0	20.97	21.10	21.22	22	2
3	64QAM	1	8	21.36	21.06	20.96		
3	64QAM	1	14	21.21	20.99	21.05		
3	64QAM	8	0	19.99	19.98	20.14	21	3
3	64QAM	8	4	20.00	19.95	20.04		
3	64QAM	8	7	19.99	19.79	20.10		
3	64QAM	15	0	19.87	19.82	20.15		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.99	22.77	22.94	24	0
1.4	QPSK	1	3	23.01	22.91	22.92		
1.4	QPSK	1	5	22.87	22.86	22.96		
1.4	QPSK	3	0	23.04	22.82	23.06		
1.4	QPSK	3	1	23.13	23.07	23.14		
1.4	QPSK	3	3	23.07	23.04	23.27		
1.4	QPSK	6	0	22.03	21.75	21.95	23	1
1.4	16QAM	1	0	22.50	22.08	22.53	23	1
1.4	16QAM	1	3	22.45	22.03	22.24		
1.4	16QAM	1	5	22.50	22.07	22.30		
1.4	16QAM	3	0	22.08	21.72	22.11		
1.4	16QAM	3	1	22.01	21.82	21.89		
1.4	16QAM	3	3	21.87	21.86	22.07		
1.4	16QAM	6	0	21.15	20.88	21.09	22	2
1.4	64QAM	1	0	21.26	21.08	21.15	22	2
1.4	64QAM	1	3	21.31	21.43	21.17		
1.4	64QAM	1	5	21.42	21.33	21.03		
1.4	64QAM	3	0	21.02	21.05	21.28		
1.4	64QAM	3	1	21.49	21.03	21.22		
1.4	64QAM	3	3	21.27	21.03	21.08		
1.4	64QAM	6	0	19.94	19.89	19.98	21	3

Band 26_Ant 31

BW [MHz]	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	23.21	23.36	23.24	24	0
15	QPSK	1	37	23.33	23.42	23.40		
15	QPSK	1	74	23.20	23.31	23.29		
15	QPSK	36	0	22.21	22.28	22.27	23	1
15	QPSK	36	20	22.25	22.31	22.28		
15	QPSK	36	39	22.05	22.21	22.16		
15	QPSK	75	0	22.10	22.28	22.26		
15	16QAM	1	0	22.33	22.51	22.50	23	1
15	16QAM	1	37	22.33	22.41	22.36		
15	16QAM	1	74	22.34	22.53	22.23		
15	16QAM	36	0	21.12	20.91	21.06	22	2
15	16QAM	36	20	21.05	20.98	21.21		
15	16QAM	36	39	21.27	20.89	21.22		
15	16QAM	75	0	21.21	20.99	21.20		
15	64QAM	1	0	21.38	21.47	21.23	22	2
15	64QAM	1	37	21.37	21.25	21.29		
15	64QAM	1	74	21.46	21.07	21.34		
15	64QAM	36	0	20.04	19.94	19.98	21	3
15	64QAM	36	20	20.06	19.87	20.13		
15	64QAM	36	39	19.91	19.84	20.16		
15	64QAM	75	0	20.06	19.93	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.33	23.35	23.29	24	0
10	QPSK	1	25	23.02	23.34	23.09		
10	QPSK	1	49	23.24	23.40	23.01		
10	QPSK	25	0	22.24	22.05	22.05	23	1
10	QPSK	25	12	22.19	21.94	22.16		
10	QPSK	25	25	22.14	22.14	22.21		
10	QPSK	50	0	22.07	22.07	22.19		
10	16QAM	1	0	22.39	22.50	22.61	23	1
10	16QAM	1	25	22.42	22.55	22.34		
10	16QAM	1	49	22.32	22.64	22.25		
10	16QAM	25	0	21.24	21.06	21.13	22	2
10	16QAM	25	12	21.22	21.05	21.26		
10	16QAM	25	25	21.29	21.07	21.22		
10	16QAM	50	0	21.28	20.98	21.23		
10	64QAM	1	0	21.54	21.47	21.27	22	2
10	64QAM	1	25	21.49	21.31	21.33		
10	64QAM	1	49	21.56	21.18	21.35		
10	64QAM	25	0	20.12	20.06	20.06	21	3
10	64QAM	25	12	20.22	19.95	20.17		
10	64QAM	25	25	20.09	19.97	20.20		
10	64QAM	50	0	20.11	19.97	20.11		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.06	23.15	23.15	24	0
5	QPSK	1	12	23.02	23.21	23.01		
5	QPSK	1	24	23.13	23.21	22.84		
5	QPSK	12	0	22.06	21.99	22.05	23	1
5	QPSK	12	7	22.19	21.85	22.01		
5	QPSK	12	13	22.05	21.97	22.13		
5	QPSK	25	0	22.09	22.06	22.20		
5	16QAM	1	0	22.40	22.32	22.46	23	1
5	16QAM	1	12	22.35	22.43	22.29		
5	16QAM	1	24	22.30	22.46	22.12		
5	16QAM	12	0	21.23	20.90	20.99	22	2
5	16QAM	12	7	21.05	20.88	21.16		
5	16QAM	12	13	21.13	20.97	21.04		
5	16QAM	25	0	21.29	20.94	21.10		
5	64QAM	1	0	21.54	21.40	21.25	22	2
5	64QAM	1	12	21.50	21.28	21.35		
5	64QAM	1	24	21.55	21.19	21.37		
5	64QAM	12	0	20.01	20.03	19.89	21	3
5	64QAM	12	7	20.21	19.82	20.03		
5	64QAM	12	13	20.06	19.97	20.21		
5	64QAM	25	0	19.93	19.82	19.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.27	22.96	23.03	24	0
3	QPSK	1	8	23.15	22.92	23.00		
3	QPSK	1	14	23.10	22.99	23.05		
3	QPSK	8	0	22.26	21.92	22.07	23	1
3	QPSK	8	4	22.15	22.06	22.13		
3	QPSK	8	7	22.16	22.19	22.10		
3	QPSK	15	0	22.15	21.92	22.06		
3	16QAM	1	0	22.35	22.11	22.22	23	1
3	16QAM	1	8	22.35	22.00	22.41		
3	16QAM	1	14	22.31	22.39	22.09		
3	16QAM	8	0	21.10	21.00	21.05	22	2
3	16QAM	8	4	21.26	21.08	21.05		
3	16QAM	8	7	21.24	20.99	21.05		
3	16QAM	15	0	20.99	21.02	21.19		
3	64QAM	1	0	21.16	21.12	21.38	22	2
3	64QAM	1	8	21.00	21.45	21.19		
3	64QAM	1	14	21.11	21.26	21.37		
3	64QAM	8	0	20.09	19.98	20.09	21	3
3	64QAM	8	4	20.32	20.10	20.06		
3	64QAM	8	7	20.20	20.12	20.17		
3	64QAM	15	0	19.98	19.98	20.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.15	22.84	22.95	24	0
1.4	QPSK	1	3	23.31	23.01	23.08		
1.4	QPSK	1	5	22.94	22.86	22.95		
1.4	QPSK	3	0	23.15	22.98	23.07		
1.4	QPSK	3	1	23.18	23.03	23.04		
1.4	QPSK	3	3	23.15	22.98	23.02		
1.4	QPSK	6	0	22.09	21.90	22.00	23	1
1.4	16QAM	1	0	22.36	22.00	22.23	23	1
1.4	16QAM	1	3	22.30	22.19	22.37		
1.4	16QAM	1	5	22.45	21.96	22.21		
1.4	16QAM	3	0	22.05	21.73	22.12		
1.4	16QAM	3	1	22.20	21.92	22.11		
1.4	16QAM	3	3	22.21	21.79	22.05		
1.4	16QAM	6	0	21.29	21.09	21.18	22	2
1.4	64QAM	1	0	21.38	21.30	21.06	22	2
1.4	64QAM	1	3	21.49	21.27	21.17		
1.4	64QAM	1	5	21.38	21.28	21.31		
1.4	64QAM	3	0	21.32	21.06	20.85		
1.4	64QAM	3	1	21.31	21.16	21.27		
1.4	64QAM	3	3	21.26	21.22	21.17		
1.4	64QAM	6	0	20.06	19.83	19.98	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.08	22.87	24	0
20	QPSK	1	49	23.19	23.25	22.96		
20	QPSK	1	99	22.90	23.00	22.83		
20	QPSK	50	0	22.02	22.11	21.97	23	1
20	QPSK	50	24	22.10	22.13	22.08		
20	QPSK	50	50	22.06	21.95	21.85		
20	QPSK	100	0	21.97	22.06	21.92		
20	16QAM	1	0	22.19	22.27	22.37	23	1
20	16QAM	1	49	22.32	22.33	22.28		
20	16QAM	1	99	22.39	22.34	22.14		
20	16QAM	50	0	21.03	21.09	21.07	22	2
20	16QAM	50	24	21.10	21.11	20.95		
20	16QAM	50	50	21.07	20.99	21.00		
20	16QAM	100	0	21.11	20.96	21.03		
20	64QAM	1	0	21.13	21.01	21.19	22	2
20	64QAM	1	49	21.05	21.24	21.07		
20	64QAM	1	99	21.40	21.34	20.90		
20	64QAM	50	0	20.24	19.99	20.01	21	3
20	64QAM	50	24	20.14	20.10	20.07		
20	64QAM	50	50	20.06	20.07	20.00		
20	64QAM	100	0	20.15	20.01	19.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	22.93	23.02	24	0
15	QPSK	1	37	23.01	23.03	22.96		
15	QPSK	1	74	22.91	23.05	22.85		
15	QPSK	36	0	21.91	22.07	21.99	23	1
15	QPSK	36	20	22.14	22.11	21.93		
15	QPSK	36	39	22.11	21.83	21.95		
15	QPSK	75	0	22.01	21.83	22.05		
15	16QAM	1	0	22.18	22.17	22.45	23	1
15	16QAM	1	37	22.29	22.36	22.38		
15	16QAM	1	74	22.36	22.26	22.13		
15	16QAM	36	0	21.01	21.18	21.15	22	2
15	16QAM	36	20	21.20	20.93	20.94		
15	16QAM	36	39	21.05	21.02	21.01		
15	16QAM	75	0	21.26	20.94	20.92		
15	64QAM	1	0	20.96	21.03	21.24	22	2
15	64QAM	1	37	21.16	21.33	20.99		
15	64QAM	1	74	21.36	21.22	21.01		
15	64QAM	36	0	20.08	19.92	20.13	21	3
15	64QAM	36	20	20.04	19.93	19.89		
15	64QAM	36	39	20.10	20.01	20.07		
15	64QAM	75	0	20.06	20.01	19.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.05	22.91	22.91	24	0
10	QPSK	1	25	22.97	23.09	23.07		
10	QPSK	1	49	23.03	22.94	22.80		
10	QPSK	25	0	21.98	22.12	22.05	23	1
10	QPSK	25	12	22.04	21.98	22.10		
10	QPSK	25	25	22.05	21.92	22.03		
10	QPSK	50	0	22.17	21.89	21.89		
10	16QAM	1	0	22.23	22.30	22.43	23	1
10	16QAM	1	25	22.31	22.34	22.24		
10	16QAM	1	49	22.47	22.27	22.10		
10	16QAM	25	0	21.16	21.08	21.07	22	2
10	16QAM	25	12	21.20	20.92	20.96		
10	16QAM	25	25	21.06	21.05	20.90		
10	16QAM	50	0	21.19	20.98	20.90		
10	64QAM	1	0	21.10	21.12	21.21	22	2
10	64QAM	1	25	21.16	21.23	21.00		
10	64QAM	1	49	21.33	21.40	21.05		
10	64QAM	25	0	20.17	20.02	20.03	21	3
10	64QAM	25	12	20.20	20.08	19.99		
10	64QAM	25	25	20.16	20.05	20.10		
10	64QAM	50	0	20.13	20.01	19.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	22.94	22.95	24	0
5	QPSK	1	12	22.94	23.06	23.02		
5	QPSK	1	24	22.97	22.92	22.84		
5	QPSK	12	0	22.07	21.98	21.98	23	1
5	QPSK	12	7	22.13	21.95	22.08		
5	QPSK	12	13	22.13	22.02	22.03		
5	QPSK	25	0	22.14	21.92	22.02		
5	16QAM	1	0	22.13	22.26	22.33	23	1
5	16QAM	1	12	22.31	22.49	22.30		
5	16QAM	1	24	22.49	22.32	22.01		
5	16QAM	12	0	21.08	21.05	21.19	22	2
5	16QAM	12	7	21.02	21.04	21.10		
5	16QAM	12	13	20.99	20.93	20.99		
5	16QAM	25	0	21.10	21.02	21.06		
5	64QAM	1	0	21.08	21.09	21.22	22	2
5	64QAM	1	12	21.16	21.32	21.13		
5	64QAM	1	24	21.30	21.24	20.89		
5	64QAM	12	0	20.22	19.99	20.00	21	3
5	64QAM	12	7	20.12	19.91	19.92		
5	64QAM	12	13	20.09	20.08	20.11		
5	64QAM	25	0	20.12	20.06	19.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.21	22.96	23.02	24	0
3	QPSK	1	8	22.99	23.09	23.05		
3	QPSK	1	14	23.08	23.03	22.83		
3	QPSK	8	0	22.09	22.10	22.09	23	1
3	QPSK	8	4	22.15	22.13	22.11		
3	QPSK	8	7	22.11	22.01	22.01		
3	QPSK	15	0	22.15	22.01	22.06		
3	16QAM	1	0	22.24	22.30	22.51	23	1
3	16QAM	1	8	22.45	22.51	22.38		
3	16QAM	1	14	22.50	22.41	22.14		
3	16QAM	8	0	21.16	21.18	21.23	22	2
3	16QAM	8	4	21.19	21.10	21.11		
3	16QAM	8	7	21.17	21.07	21.01		
3	16QAM	15	0	21.24	21.02	21.08		
3	64QAM	1	0	21.12	21.17	21.33	22	2
3	64QAM	1	8	21.19	21.35	21.13		
3	64QAM	1	14	21.39	21.38	21.03		
3	64QAM	8	0	20.22	20.03	20.17	21	3
3	64QAM	8	4	20.21	20.08	20.05		
3	64QAM	8	7	20.24	20.08	20.09		
3	64QAM	15	0	20.17	20.14	20.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.10	23.01	22.69	24	0
1.4	QPSK	1	3	22.92	22.95	22.93		
1.4	QPSK	1	5	23.01	22.90	22.87		
1.4	QPSK	3	0	23.08	23.00	23.19		
1.4	QPSK	3	1	23.14	23.11	22.89		
1.4	QPSK	3	3	23.17	23.01	23.16		
1.4	QPSK	6	0	22.12	22.07	22.20	23	1
1.4	16QAM	1	0	22.41	22.35	22.33	23	1
1.4	16QAM	1	3	22.59	22.46	22.33		
1.4	16QAM	1	5	22.50	22.12	22.57		
1.4	16QAM	3	0	22.09	21.96	22.09		
1.4	16QAM	3	1	22.13	22.08	21.94		
1.4	16QAM	3	3	22.18	21.96	22.10		
1.4	16QAM	6	0	21.16	21.22	21.13	22	2
1.4	64QAM	1	0	21.28	21.11	21.31	22	2
1.4	64QAM	1	3	21.09	21.25	21.54		
1.4	64QAM	1	5	21.06	21.12	21.33		
1.4	64QAM	3	0	21.28	21.20	21.13		
1.4	64QAM	3	1	21.39	21.16	21.38		
1.4	64QAM	3	3	21.20	21.16	21.15		
1.4	64QAM	6	0	20.26	20.11	19.96	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.00	23.09	22.99	24	0
20	QPSK	1	49	23.12	23.16	23.03		
20	QPSK	1	99	22.74	22.87	22.72		
20	QPSK	50	0	21.96	22.06	21.70	23	1
20	QPSK	50	24	22.08	22.15	22.06		
20	QPSK	50	50	21.91	21.98	21.83		
20	QPSK	100	0	21.98	22.00	21.92		
20	16QAM	1	0	22.25	22.25	22.21	23	1
20	16QAM	1	49	22.06	22.27	22.03		
20	16QAM	1	99	22.33	21.92	21.91		
20	16QAM	50	0	20.97	21.06	21.09	22	2
20	16QAM	50	24	20.80	20.83	20.99		
20	16QAM	50	50	20.85	20.89	20.99		
20	16QAM	100	0	20.98	20.80	20.95		
20	64QAM	1	0	21.21	21.17	21.11	22	2
20	64QAM	1	49	21.05	20.87	21.23		
20	64QAM	1	99	21.00	20.91	21.10		
20	64QAM	50	0	19.97	19.95	19.86	21	3
20	64QAM	50	24	19.91	19.82	19.84		
20	64QAM	50	50	19.80	19.84	19.76		
20	64QAM	100	0	19.78	19.98	19.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.85	22.95	23.06	24	0
15	QPSK	1	37	22.87	22.84	22.56		
15	QPSK	1	74	22.80	22.92	22.73		
15	QPSK	36	0	21.78	21.88	21.95	23	1
15	QPSK	36	20	21.90	21.91	21.87		
15	QPSK	36	39	21.83	21.80	21.89		
15	QPSK	75	0	21.86	21.84	21.98		
15	16QAM	1	0	22.11	22.29	22.19	23	1
15	16QAM	1	37	22.15	22.24	21.91		
15	16QAM	1	74	22.18	22.05	22.04		
15	16QAM	36	0	21.02	21.04	20.97	22	2
15	16QAM	36	20	20.97	20.94	21.01		
15	16QAM	36	39	20.78	20.94	20.94		
15	16QAM	75	0	20.83	20.92	20.96		
15	64QAM	1	0	21.27	21.20	21.04	22	2
15	64QAM	1	37	21.24	20.77	21.12		
15	64QAM	1	74	20.86	20.99	20.98		
15	64QAM	36	0	20.10	19.87	19.99	21	3
15	64QAM	36	20	19.85	19.90	19.92		
15	64QAM	36	39	19.69	19.82	19.79		
15	64QAM	75	0	19.95	19.91	19.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.94	22.83	22.94	24	0
10	QPSK	1	25	23.05	22.84	22.70		
10	QPSK	1	49	22.71	22.74	22.68		
10	QPSK	25	0	21.69	21.98	21.87	23	1
10	QPSK	25	12	21.92	21.84	21.88		
10	QPSK	25	25	21.86	21.84	21.76		
10	QPSK	50	0	21.90	21.85	21.95		
10	16QAM	1	0	22.21	22.20	22.22	23	1
10	16QAM	1	25	22.07	22.26	21.92		
10	16QAM	1	49	22.26	22.07	22.06		
10	16QAM	25	0	21.08	20.90	20.97	22	2
10	16QAM	25	12	21.00	20.87	20.86		
10	16QAM	25	25	20.86	20.84	20.92		
10	16QAM	50	0	20.90	20.81	20.88		
10	64QAM	1	0	21.28	21.28	21.04	22	2
10	64QAM	1	25	21.06	20.87	21.25		
10	64QAM	1	49	20.85	20.84	21.04		
10	64QAM	25	0	20.09	19.95	20.00	21	3
10	64QAM	25	12	19.97	19.87	19.75		
10	64QAM	25	25	19.74	19.95	19.80		
10	64QAM	50	0	19.90	19.93	19.79		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	22.95	23.09	24	0
5	QPSK	1	12	23.04	23.01	22.71		
5	QPSK	1	24	22.89	22.90	22.81		
5	QPSK	12	0	21.87	21.97	21.95	23	1
5	QPSK	12	7	21.90	22.00	21.96		
5	QPSK	12	13	21.89	21.92	21.92		
5	QPSK	25	0	21.90	21.93	21.98		
5	16QAM	1	0	22.26	22.31	22.26	23	1
5	16QAM	1	12	22.16	22.36	22.04		
5	16QAM	1	24	22.31	22.09	22.09		
5	16QAM	12	0	21.06	21.05	21.09	22	2
5	16QAM	12	7	20.98	20.93	21.01		
5	16QAM	12	13	20.88	20.96	21.02		
5	16QAM	25	0	21.00	20.95	20.95		
5	64QAM	1	0	21.34	21.32	21.15	22	2
5	64QAM	1	12	21.23	20.94	21.29		
5	64QAM	1	24	21.01	21.01	21.16		
5	64QAM	12	0	20.12	20.00	20.01	21	3
5	64QAM	12	7	20.01	19.93	19.93		
5	64QAM	12	13	19.87	19.99	19.89		
5	64QAM	25	0	19.94	20.01	19.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	22.89	22.77	24	0
3	QPSK	1	8	22.82	22.67	23.10		
3	QPSK	1	14	22.92	22.84	22.79		
3	QPSK	8	0	21.93	22.06	22.06	23	1
3	QPSK	8	4	21.93	22.06	21.91		
3	QPSK	8	7	21.94	22.02	21.89		
3	QPSK	15	0	21.92	21.77	21.87		
3	16QAM	1	0	22.18	22.07	22.04	23	1
3	16QAM	1	8	22.13	22.32	22.49		
3	16QAM	1	14	22.31	22.25	22.10		
3	16QAM	8	0	21.00	21.12	20.95	22	2
3	16QAM	8	4	20.98	21.03	20.94		
3	16QAM	8	7	20.97	20.83	20.89		
3	16QAM	15	0	21.04	21.02	21.06		
3	64QAM	1	0	21.08	21.18	20.98	22	2
3	64QAM	1	8	21.20	21.27	21.26		
3	64QAM	1	14	20.96	20.97	20.92		
3	64QAM	8	0	19.88	20.02	19.95	21	3
3	64QAM	8	4	20.12	19.89	19.88		
3	64QAM	8	7	19.85	19.96	20.11		
3	64QAM	15	0	19.82	19.99	19.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	22.86	22.90	24	0
1.4	QPSK	1	3	22.79	22.86	23.04		
1.4	QPSK	1	5	22.87	22.99	22.87		
1.4	QPSK	3	0	22.86	22.98	23.01		
1.4	QPSK	3	1	22.85	22.77	22.91		
1.4	QPSK	3	3	22.85	22.91	22.86		
1.4	QPSK	6	0	21.77	21.97	21.84	23	1
1.4	16QAM	1	0	22.21	22.12	22.14	23

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BW [MHz]	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	23.19	23.21	23.11	24	0
20	QPSK	1	49	23.39	23.43	23.34		
20	QPSK	1	99	23.29	23.39	23.24		
20	QPSK	50	0	22.31	22.26	22.39	23	1
20	QPSK	50	24	22.36	22.46	22.31		
20	QPSK	50	50	22.41	22.43	22.27		
20	QPSK	100	0	22.37	22.43	22.31		
20	16QAM	1	0	22.50	22.32	22.17	23	1
20	16QAM	1	49	22.54	22.41	22.51		
20	16QAM	1	99	22.54	22.45	22.54		
20	16QAM	50	0	21.40	21.20	21.38	22	2
20	16QAM	50	24	21.50	21.35	21.41		
20	16QAM	50	50	21.64	21.46	21.47		
20	16QAM	100	0	21.60	21.37	21.38		
20	64QAM	1	0	21.08	21.21	21.06	22	2
20	64QAM	1	49	21.37	21.13	21.10		
20	64QAM	1	99	21.32	21.18	21.11		
20	64QAM	50	0	20.40	20.23	20.34	21	3
20	64QAM	50	24	20.46	20.35	20.42		
20	64QAM	50	50	20.65	20.42	20.43		
20	64QAM	100	0	20.52	20.30	20.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.18	23.16	23.07	24	0
15	QPSK	1	37	23.35	23.32	23.20		
15	QPSK	1	74	23.13	23.10	23.42		
15	QPSK	36	0	22.33	22.24	22.28	23	1
15	QPSK	36	20	22.19	22.42	22.22		
15	QPSK	36	39	22.40	22.39	22.13		
15	QPSK	75	0	22.23	22.43	22.30		
15	16QAM	1	0	22.36	22.22	22.05	23	1
15	16QAM	1	37	22.40	22.26	22.33		
15	16QAM	1	74	22.52	22.30	22.50		
15	16QAM	36	0	21.31	21.14	21.33	22	2
15	16QAM	36	20	21.49	21.29	21.31		
15	16QAM	36	39	21.40	21.36	21.37		
15	16QAM	75	0	21.61	21.28	21.22		
15	64QAM	1	0	20.90	21.13	20.95	22	2
15	64QAM	1	37	21.19	20.98	21.12		
15	64QAM	1	74	21.29	21.07	20.97		
15	64QAM	36	0	20.31	20.15	20.26	21	3
15	64QAM	36	20	20.42	20.28	20.38		
15	64QAM	36	39	20.56	20.32	20.28		
15	64QAM	75	0	20.44	20.28	20.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.04	23.09	23.04	24	0
10	QPSK	1	25	23.21	23.29	23.29		
10	QPSK	1	49	23.31	23.09	23.42		
10	QPSK	25	0	22.22	22.21	22.38	23	1
10	QPSK	25	12	22.25	22.48	22.30		
10	QPSK	25	25	22.30	22.27	22.15		
10	QPSK	50	0	22.21	22.37	22.32		
10	16QAM	1	0	22.50	22.17	22.03	23	1
10	16QAM	1	25	22.50	22.34	22.37		
10	16QAM	1	49	22.51	22.27	22.50		
10	16QAM	25	0	21.41	21.18	21.29	22	2
10	16QAM	25	12	21.40	21.28	21.39		
10	16QAM	25	25	21.52	21.38	21.44		
10	16QAM	50	0	21.51	21.26	21.25		
10	64QAM	1	0	20.90	21.10	21.05	22	2
10	64QAM	1	25	21.32	21.08	21.10		
10	64QAM	1	49	21.23	21.08	21.03		
10	64QAM	25	0	20.40	20.20	20.33	21	3
10	64QAM	25	12	20.46	20.25	20.31		
10	64QAM	25	25	20.52	20.38	20.33		
10	64QAM	50	0	20.53	20.20	20.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.10	23.05	23.05	24	0
5	QPSK	1	12	23.26	23.36	23.28		
5	QPSK	1	24	23.30	23.13	23.41		
5	QPSK	12	0	22.21	22.18	22.30	23	1
5	QPSK	12	7	22.33	22.35	22.29		
5	QPSK	12	13	22.37	22.43	22.23		
5	QPSK	25	0	22.34	22.32	22.13		
5	16QAM	1	0	22.41	22.31	22.15	23	1
5	16QAM	1	12	22.45	22.35	22.42		
5	16QAM	1	24	22.48	22.34	22.40		
5	16QAM	12	0	21.32	21.22	21.25	22	2
5	16QAM	12	7	21.35	21.27	21.25		
5	16QAM	12	13	21.58	21.34	21.43		
5	16QAM	25	0	21.56	21.24	21.36		
5	64QAM	1	0	21.01	21.14	20.89	22	2
5	64QAM	1	12	21.21	21.14	21.06		
5	64QAM	1	24	21.20	21.19	21.08		
5	64QAM	12	0	20.25	20.14	20.30	21	3
5	64QAM	12	7	20.42	20.21	20.32		
5	64QAM	12	13	20.51	20.28	20.37		
5	64QAM	25	0	20.46	20.22	20.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.01	23.08	23.05	24	0
20	QPSK	1	49	23.06	23.15	23.11		
20	QPSK	1	99	23.01	23.11	23.08		
20	QPSK	50	0	22.04	22.13	22.09	23	1
20	QPSK	50	24	22.12	22.29	22.21		
20	QPSK	50	50	22.05	22.27	22.18		
20	QPSK	100	0	22.06	22.15	22.13		
20	16QAM	1	0	22.30	22.41	22.55	23	1
20	16QAM	1	49	22.71	22.60	22.26		
20	16QAM	1	99	22.39	22.76	22.34		
20	16QAM	50	0	21.08	21.13	21.24	22	2
20	16QAM	50	24	21.14	21.09	21.26		
20	16QAM	50	50	21.05	21.15	21.14		
20	16QAM	100	0	21.02	21.16	21.15		
20	64QAM	1	0	21.04	20.92	20.85	22	2
20	64QAM	1	49	20.93	20.94	20.89		
20	64QAM	1	99	20.98	20.67	20.94		
20	64QAM	50	0	20.07	20.06	20.45	21	3
20	64QAM	50	24	20.14	20.10	20.07		
20	64QAM	50	50	20.04	20.19	20.17		
20	64QAM	100	0	20.18	19.95	20.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.06	22.82	22.73	24	0
15	QPSK	1	37	22.78	22.72	22.73		
15	QPSK	1	74	22.98	23.02	22.78		
15	QPSK	36	0	22.02	21.75	21.69	23	1
15	QPSK	36	20	22.09	21.82	21.83		
15	QPSK	36	39	22.01	22.01	22.15		
15	QPSK	75	0	21.99	21.80	21.95		
15	16QAM	1	0	22.04	22.21	22.16	23	1
15	16QAM	1	37	22.31	22.20	22.16		
15	16QAM	1	74	22.17	22.23	22.24		
15	16QAM	36	0	20.92	20.68	20.73	22	2
15	16QAM	36	20	21.00	20.85	21.00		
15	16QAM	36	39	20.93	20.86	20.80		
15	16QAM	75	0	21.04	20.80	20.96		
15	64QAM	1	0	20.54	20.64	20.75	22	2
15	64QAM	1	37	21.04	20.82	20.82		
15	64QAM	1	74	21.03	20.97	21.01		
15	64QAM	36	0	19.90	19.83	19.74	21	3
15	64QAM	36	20	19.99	19.76	19.87		
15	64QAM	36	39	19.93	19.89	20.04		
15	64QAM	75	0	20.00	19.79	19.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.91	22.90	22.79	24	0
10	QPSK	1	25	22.97	22.83	22.82		
10	QPSK	1	49	22.87	22.85	22.82		
10	QPSK	25	0	21.80	21.99	21.66	23	1
10	QPSK	25	12	21.90	21.95	22.09		
10	QPSK	25	25	22.09	22.11	21.93		
10	QPSK	50	0	22.02	21.95	21.93		
10	16QAM	1	0	22.13	22.20	22.31	23	1
10	16QAM	1	25	22.46	22.51	22.12		
10	16QAM	1	49	22.13	22.52	22.11		
10	16QAM	25	0	20.97	21.00	21.18	22	2
10	16QAM	25	12	21.06	20.97	21.18		
10	16QAM	25	25	20.94	21.02	21.01		
10	16QAM	50	0	20.87	21.07	21.09		
10	64QAM	1	0	20.82	20.79	20.69	22	2
10	64QAM	1	25	20.79	20.74	20.73		
10	64QAM	1	49	20.89	20.60	20.75		
10	64QAM	25	0	19.93	19.84	20.32	21	3
10	64QAM	25	12	20.02	19.91	19.93		
10	64QAM	25	25	19.86	19.96	20.10		
10	64QAM	50	0	19.93	19.76	20.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.06	23.02	23.00	24	0
5	QPSK	1	12	22.95	22.94	22.75		
5	QPSK	1	24	23.07	22.89	22.70		
5	QPSK	12	0	21.98	21.99	21.91	23	1
5	QPSK	12	7	22.01	22.00	21.88		
5	QPSK	12	13	21.93	22.10	21.97		
5	QPSK	25	0	21.94	22.12	22.03		
5	16QAM	1	0	22.05	22.12	22.43	23	1
5	16QAM	1	12	22.17	22.14	22.19		
5	16QAM	1	24	22.25	22.30	22.39		
5	16QAM	12	0	20.99	21.04	20.84	22	2
5	16QAM	12	7	21.01	20.94	21.13		
5	16QAM	12	13	20.94	20.95	21.03		
5	16QAM	25	0	21.01	21.05	20.85		
5	64QAM	1	0	20.88	20.79	21.22	22	2
5	64QAM	1	12	20.92	20.83	20.89		
5	64QAM	1	24	20.83	20.92	20.83		
5	64QAM	12	0	19.99	20.00	20.10	21	3
5	64QAM	12	7	19.93	19.99	20.08		
5	64QAM	12	13	19.96	19.90	19.98		
5	64QAM	25	0	20.00	19.87	19.86		

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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	23.12	23.18	23.16	23.30	23.21	24	0
20	QPSK	1	49	23.19	23.33	23.25	23.51	23.32		
20	QPSK	1	99	23.10	23.17	23.18	23.21	23.19		
20	QPSK	50	0	22.08	22.22	22.17	22.33	22.23	23	1
20	QPSK	50	24	22.07	22.26	22.21	22.38	22.31		
20	QPSK	50	50	22.08	22.18	22.15	22.28	22.19		
20	QPSK	100	0	21.98	22.18	22.11	22.29	22.22		
20	16QAM	1	0	21.98	21.95	22.21	22.08	22.26	23	1
20	16QAM	1	49	22.23	22.40	22.30	22.20	22.30		
20	16QAM	1	99	22.02	21.94	21.94	21.93	22.06		
20	16QAM	50	0	21.07	21.21	21.06	21.06	21.15	22	2
20	16QAM	50	24	21.16	21.25	21.18	21.10	21.38		
20	16QAM	50	50	21.10	21.10	21.14	20.95	21.05		
20	16QAM	100	0	21.09	21.18	21.11	21.37	21.24		
20	64QAM	1	0	20.76	20.89	20.68	20.74	20.77	22	2
20	64QAM	1	49	21.08	21.15	20.87	20.91	21.13		
20	64QAM	1	99	20.77	20.87	20.79	20.73	20.71		
20	64QAM	50	0	20.14	20.15	20.03	20.33	20.10	21	3
20	64QAM	50	24	20.15	20.22	20.14	20.48	20.12		
20	64QAM	50	50	20.17	20.15	20.09	20.02	20.14		
20	64QAM	100	0	20.09	20.14	20.21	20.33	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.04	23.01	23.14	23.17	23.07	24	0
15	QPSK	1	37	23.20	23.28	23.09	23.36	23.34		
15	QPSK	1	74	22.94	23.12	23.18	23.09	23.04		
15	QPSK	36	0	22.05	22.04	21.99	22.29	22.10	23	1
15	QPSK	36	20	22.05	22.23	22.03	22.34	22.24		
15	QPSK	36	39	22.05	22.09	22.06	22.11	22.08		
15	QPSK	75	0	21.86	22.09	22.13	22.31	22.11		
15	16QAM	1	0	21.83	21.92	22.09	22.01	22.27	23	1
15	16QAM	1	37	22.25	22.24	22.12	22.13	22.30		
15	16QAM	1	74	21.94	21.89	21.88	21.93	21.89		
15	16QAM	36	0	20.90	21.12	21.01	21.05	21.14	22	2
15	16QAM	36	20	21.01	21.24	21.10	20.95	21.31		
15	16QAM	36	39	21.04	20.98	21.09	20.83	20.91		
15	16QAM	75	0	21.10	21.07	20.97	21.20	21.13		
15	64QAM	1	0	20.58	20.76	20.52	20.57	20.76	22	2
15	64QAM	1	37	20.95	20.87	20.88	20.79	20.84		
15	64QAM	1	74	20.66	20.89	20.69	20.68	20.60		
15	64QAM	36	0	20.15	20.15	19.86	20.21	20.02	21	3
15	64QAM	36	20	20.00	20.14	20.10	20.33	20.04		
15	64QAM	36	39	20.05	20.09	19.96	19.90	19.96		
15	64QAM	75	0	20.10	19.98	20.20	20.34	20.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	23.20	23.10	23.13	23.21	24	0
10	QPSK	1	25	23.02	23.28	23.16	23.43	23.14		
10	QPSK	1	49	22.98	23.12	23.14	23.20	23.01		
10	QPSK	25	0	22.01	22.10	22.19	22.19	22.07	23	1
10	QPSK	25	12	22.01	22.18	22.03	22.26	22.28		
10	QPSK	25	25	21.99	22.01	22.16	22.20	22.17		
10	QPSK	50	0	21.84	22.06	21.94	22.17	22.09		
10	16QAM	1	0	21.82	21.78	22.21	22.05	22.20	23	1
10	16QAM	1	25	22.08	22.10	22.18	22.20	22.22		
10	16QAM	1	49	21.88	21.88	21.96	21.93	21.94		
10	16QAM	25	0	20.99	21.06	21.01	20.96	21.14	22	2
10	16QAM	25	12	21.16	21.20	21.13	21.07	21.25		
10	16QAM	25	25	20.99	21.06	21.16	20.92	20.99		
10	16QAM	50	0	21.06	21.08	20.99	21.34	21.13		
10	64QAM	1	0	20.76	20.76	20.69	20.64	20.65	22	2
10	64QAM	1	25	20.91	21.06	20.70	20.82	21.08		
10	64QAM	1	49	20.76	20.87	20.71	20.64	20.71		
10	64QAM	25	0	19.97	20.00	19.88	20.23	19.94	21	3
10	64QAM	25	12	20.11	20.12	20.09	20.31	19.95		
10	64QAM	25	25	20.17	20.17	20.05	19.95	20.01		
10	64QAM	50	0	19.98	20.11	20.17	20.21	20.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.02	23.15	23.17	23.23	23.17	24	0
5	QPSK	1	12	23.12	23.25	23.22	23.38	23.26		
5	QPSK	1	24	23.10	23.15	23.02	23.15	23.06		
5	QPSK	12	0	22.06	22.09	22.01	22.26	22.21	23	1
5	QPSK	12	7	21.97	22.09	22.23	22.39	22.13		
5	QPSK	12	13	22.00	22.14	22.03	22.13	22.16		
5	QPSK	25	0	21.93	22.06	22.12	22.18	22.23		
5	16QAM	1	0	21.87	21.91	22.11	21.95	22.17	23	1
5	16QAM	1	12	22.17	22.12	22.17	22.18	22.20		
5	16QAM	1	24	21.87	21.82	21.77	21.84	21.95		
5	16QAM	12	0	21.03	21.19	21.03	21.05	21.15	22	2
5	16QAM	12	7	21.09	21.19	21.11	21.08	21.25		
5	16QAM	12	13	21.11	21.06	21.12	20.87	20.94		
5	16QAM	25	0	20.92	21.08	21.11	21.27	21.19		
5	64QAM	1	0	20.72	20.89	20.66	20.73	20.63	22	2
5	64QAM	1	12	20.95	20.89	20.70	20.74	21.04		
5	64QAM	1	24	20.63	20.74	20.62	20.61	20.68		
5	64QAM	12	0	20.13	20.04	19.90	20.35	20.10	21	3
5	64QAM	12	7	20.17	20.22	20.08	20.40	20.04		
5	64QAM	12	13	20.13	20.08	20.08	19.99	20.11		
5	64QAM	25	0	20.06	20.14	20.08	20.27	19.97		

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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	22.72	22.78	22.93	22.99	22.84	24	0
20	QPSK	1	49	22.91	23.01	23.12	23.19	23.04		
20	QPSK	1	99	22.76	22.94	22.98	23.06	22.91		
20	QPSK	50	0	21.72	21.79	21.85	21.97	21.93	23	1
20	QPSK	50	24	21.79	21.76	21.99	22.09	21.89		
20	QPSK	50	50	21.79	21.83	21.87	21.93	21.94		
20	QPSK	100	0	21.76	21.81	21.83	21.96	21.81		
20	16QAM	1	0	21.65	21.51	21.49	21.79	21.62	23	1
20	16QAM	1	49	21.85	21.94	21.80	21.78	21.92		
20	16QAM	1	99	21.89	21.84	21.69	21.56	21.85		
20	16QAM	50	0	20.74	20.87	20.74	20.59	20.85	22	2
20	16QAM	50	24	20.81	20.97	20.88	20.77	20.78		
20	16QAM	50	50	20.80	20.86	20.68	20.67	20.74		
20	16QAM	100	0	20.76	20.90	20.80	20.71	20.88		
20	64QAM	1	0	20.46	20.75	20.41	20.61	20.61	22	2
20	64QAM	1	49	20.53	20.76	20.78	20.66	20.73		
20	64QAM	1	99	20.42	20.67	20.69	20.65	20.77		
20	64QAM	50	0	19.59	19.82	19.73	19.87	19.80	21	3
20	64QAM	50	24	19.84	19.93	19.76	19.73	19.94		
20	64QAM	50	50	19.85	19.81	19.66	19.62	19.70		
20	64QAM	100	0	19.70	19.86	19.69	19.79	19.73		
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	22.68	22.74	22.90	22.89	22.66	24	0
15	QPSK	1	37	22.91	23.01	22.97	23.10	23.03		
15	QPSK	1	74	22.71	22.88	22.88	23.01	22.80		
15	QPSK	36	0	21.74	21.62	21.69	21.90	21.80	23	1
15	QPSK	36	20	21.78	21.66	22.01	21.94	21.87		
15	QPSK	36	39	21.75	21.75	21.71	21.85	21.95		
15	QPSK	75	0	21.75	21.81	21.72	21.80	21.79		
15	16QAM	1	0	21.49	21.43	21.41	21.69	21.59	23	1
15	16QAM	1	37	21.68	21.83	21.74	21.67	21.75		
15	16QAM	1	74	21.79	21.79	21.56	21.48	21.81		
15	16QAM	36	0	20.62	20.89	20.61	20.59	20.75	22	2
15	16QAM	36	20	20.74	20.92	20.74	20.72	20.79		
15	16QAM	36	39	20.80	20.85	20.60	20.53	20.68		
15	16QAM	75	0	20.64	20.87	20.75	20.67	20.73		
15	64QAM	1	0	20.31	20.69	20.24	20.56	20.50	22	2
15	64QAM	1	37	20.40	20.64	20.74	20.67	20.74		
15	64QAM	1	74	20.33	20.52	20.62	20.61	20.60		
15	64QAM	36	0	19.42	19.73	19.72	19.75	19.72	21	3
15	64QAM	36	20	19.68	19.78	19.74	19.59	19.76		
15	64QAM	36	39	19.85	19.79	19.54	19.53	19.58		
15	64QAM	75	0	19.53	19.88	19.61	19.62	19.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.68	22.71	22.86	22.85	22.75	24	0
10	QPSK	1	25	22.87	22.83	23.13	23.10	22.91		
10	QPSK	1	49	22.72	22.94	22.88	22.96	22.92		
10	QPSK	25	0	21.61	21.64	21.86	21.84	21.80	23	1
10	QPSK	25	12	21.69	21.58	21.94	22.05	21.83		
10	QPSK	25	25	21.75	21.79	21.88	21.76	21.88		
10	QPSK	50	0	21.69	21.71	21.66	21.86	21.70		
10	16QAM	1	0	21.57	21.47	21.40	21.65	21.45	23	1
10	16QAM	1	25	21.73	21.81	21.81	21.70	21.83		
10	16QAM	1	49	21.86	21.85	21.62	21.51	21.70		
10	16QAM	25	0	20.66	20.79	20.71	20.55	20.82	22	2
10	16QAM	25	12	20.73	20.91	20.78	20.70	20.60		
10	16QAM	25	25	20.72	20.76	20.54	20.64	20.76		
10	16QAM	50	0	20.64	20.72	20.79	20.64	20.72		
10	64QAM	1	0	20.45	20.62	20.43	20.59	20.44	22	2
10	64QAM	1	25	20.50	20.78	20.80	20.48	20.73		
10	64QAM	1	49	20.46	20.63	20.60	20.47	20.75		
10	64QAM	25	0	19.52	19.83	19.61	19.76	19.64	21	3
10	64QAM	25	12	19.86	19.95	19.68	19.65	19.84		
10	64QAM	25	25	19.84	19.73	19.66	19.63	19.67		
10	64QAM	50	0	19.62	19.86	19.65	19.78	19.65		
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	22.69	22.64	22.92	22.88	22.78	24	0
5	QPSK	1	12	22.90	23.02	23.03	23.04	22.86		
5	QPSK	1	24	22.67	22.82	22.84	22.95	22.91		
5	QPSK	12	0	21.60	21.77	21.87	21.86	21.85	23	1
5	QPSK	12	7	21.74	21.72	21.89	22.04	21.72		
5	QPSK	12	13	21.62	21.75	21.79	21.92	21.95		
5	QPSK	25	0	21.65	21.73	21.78	21.95	21.74		
5	16QAM	1	0	21.49	21.46	21.50	21.77	21.57	23	1
5	16QAM	1	12	21.71	21.90	21.78	21.66	21.74		
5	16QAM	1	24	21.83	21.68	21.62	21.43	21.77		
5	16QAM	12	0	20.66	20.72	20.70	20.42	20.77	22	2
5	16QAM	12	7	20.65	20.85	20.72	20.62	20.60		
5	16QAM	12	13	20.64	20.70	20.69	20.61	20.61		
5	16QAM	25	0	20.77	20.87	20.66	20.68	20.76		
5	64QAM	1	0	20.47	20.64	20.32	20.57	20.55	22	2
5	64QAM	1	12	20.52	20.63	20.61	20.51	20.65		
5	64QAM	1	24	20.37	20.65	20.68	20.61	20.71		
5	64QAM	12	0	19.56	19.65	19.57	19.89	19.62	21	3
5	64QAM	12	7	19.66	19.93	19.59	19.74	19.78		
5	64QAM	12	13	19.82	19.76	19.57	19.63	19.56		
5	64QAM	25	0	19.69	19.88	19.65	19.69	19.55		

DSI 2

GSM850_Ant 13	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	29.31	29.25	29.11	30.50	20.31	20.25	20.11	21.50
GPRS 1 Tx slot	29.29	29.21	29.10	30.50	20.29	20.21	20.10	21.50
GPRS 2 Tx slots	26.58	26.50	26.45	28.00	20.58	20.50	20.45	22.00
GPRS 3 Tx slots	25.27	25.23	25.16	27.00	21.01	20.97	20.90	22.74
GPRS 4 Tx slots	24.56	24.53	24.51	26.50	21.56	21.53	21.51	23.50
EDGE(GMSK 1 Tx slot)	29.26	29.18	29.07	30.50	20.26	20.18	20.07	21.50
EDGE(GMSK 2 Tx slots)	26.56	26.46	26.43	28.00	20.56	20.46	20.43	22.00
EDGE(GMSK 3 Tx slots)	25.25	25.22	25.14	27.00	20.99	20.96	20.88	22.74
EDGE(GMSK 4 Tx slots)	24.54	24.53	24.42	26.50	21.54	21.53	21.42	23.50
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	30.50	30.43	30.31	31.50	24.50	24.43	24.31	25.50
GPRS 3 Tx slots	28.22	28.01	27.83	29.50	23.96	23.75	23.57	25.24
GPRS 4 Tx slots	26.95	26.73	26.51	28.00	23.95	23.73	23.51	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	30.35	30.34	30.25	31.50	24.35	24.34	24.25	25.50
EDGE(GMSK 3 Tx slots)	28.14	27.99	27.79	29.50	23.88	23.73	23.53	25.24
EDGE(GMSK 4 Tx slots)	26.75	26.73	26.43	28.00	23.75	23.73	23.43	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.67	29.75	29.66	30.40	20.67	20.75	20.66	21.40
GPRS 1 Tx slot	29.65	29.74	29.63	30.40	20.65	20.74	20.63	21.40
GPRS 2 Tx slots	28.00	28.04	27.96	28.40	22.00	22.04	21.96	22.40
GPRS 3 Tx slots	26.28	26.31	26.25	26.50	22.02	22.05	21.99	22.24
GPRS 4 Tx slots	24.77	24.85	24.78	25.40	21.77	21.85	21.78	22.40
EDGE(GMSK 1 Tx slot)	29.62	29.69	29.58	30.40	20.62	20.69	20.58	21.40
EDGE(GMSK 2 Tx slots)	27.95	28.00	27.95	28.40	21.95	22.00	21.95	22.40
EDGE(GMSK 3 Tx slots)	26.27	26.29	26.24	26.50	22.01	22.03	21.98	22.24
EDGE(GMSK 4 Tx slots)	24.72	24.82	24.75	25.40	21.72	21.82	21.75	22.40
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.90	20.89	20.93	22.00
3GPP Rel 99	RMC 12.2Kbps	20.91	20.93	21.01	22.00
3GPP Rel 6	HSDPA Subtest-1	19.68	19.69	19.87	21.00
3GPP Rel 6	HSDPA Subtest-2	19.73	19.64	19.94	21.00
3GPP Rel 6	HSDPA Subtest-3	19.14	19.19	19.34	20.50
3GPP Rel 6	HSDPA Subtest-4	19.17	19.21	19.36	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.61	19.48	19.68	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.52	19.80	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.09	19.06	19.27	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.97	18.94	19.28	20.50
3GPP Rel 6	HSUPA Subtest-1	19.69	19.75	19.90	21.00
3GPP Rel 6	HSUPA Subtest-2	17.73	17.74	18.00	19.00
3GPP Rel 6	HSUPA Subtest-3	18.78	18.78	19.04	20.00
3GPP Rel 6	HSUPA Subtest-4	17.78	17.71	17.92	19.00
3GPP Rel 6	HSUPA Subtest-5	19.71	19.81	19.85	21.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	23.37	23.51	23.33	24.00	23.27	23.41	23.37	24.50	23.12	23.09	23.15	24.50
3GPP Rel 99	RMC 12.2Kbps	23.42	23.57	23.41	24.00	23.35	23.47	23.40	24.50	23.18	23.14	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	22.54	22.61	22.53	23.00	22.41	22.53	22.56	23.50	22.18	22.23	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.63	22.52	23.00	22.39	22.53	22.59	23.50	22.20	22.28	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	22.07	22.19	22.03	22.50	21.91	22.02	22.05	23.00	21.70	21.75	21.88	23.00
3GPP Rel 6	HSDPA Subtest-4	22.01	22.11	22.03	22.50	21.89	22.02	22.07	23.00	21.71	21.76	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.57	22.48	23.00	22.40	22.39	22.49	23.50	22.18	22.05	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.48	22.55	22.37	23.00	22.19	22.39	22.53	23.50	22.14	22.20	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	22.05	21.92	22.50	21.85	21.90	21.91	23.00	21.51	21.72	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.94	22.02	21.87	22.50	21.72	21.97	21.93	23.00	21.55	21.69	21.77	23.00
3GPP Rel 6	HSUPA Subtest-1	22.57	22.71	22.62	23.00	22.36	22.57	22.60	23.50	22.08	22.23	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.66	20.53	21.00	20.32	20.55	20.64	21.50	20.09	20.22	20.29	21.50
3GPP Rel 6	HSUPA Subtest-3	21.53	21.66	21.61	22.00	21.34	21.57	21.65	22.50	21.08	21.16	21.30	22.50
3GPP Rel 6	HSUPA Subtest-4	20.55	20.72	20.54	21.00	20.44	20.57	20.62	21.50	20.17	20.15	20.29	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.60	23.00	22.30	22.60	22.60	23.50	22.20	22.20	22.30	23.50

Band 2_Ant 31

BW [MHz]	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	23.07	23.12	23.08	24	0
20	QPSK	1	49	23.14	23.31	23.28		
20	QPSK	1	99	22.89	22.93	22.91		
20	QPSK	50	0	22.09	22.33	22.32	23	1
20	QPSK	50	24	22.28	22.43	22.39		
20	QPSK	50	50	21.94	22.31	22.19		
20	QPSK	100	0	21.99	22.21	22.20		
20	16QAM	1	0	22.28	22.30	22.37	23	1
20	16QAM	1	49	21.96	21.98	21.92		
20	16QAM	1	99	22.05	22.12	22.04		
20	16QAM	50	0	20.98	21.11	21.18	22	2
20	16QAM	50	24	21.05	21.28	21.14		
20	16QAM	50	50	20.99	21.14	20.86		
20	16QAM	100	0	20.91	21.06	21.20		
20	64QAM	1	0	21.46	21.22	21.45	22	2
20	64QAM	1	49	21.10	21.04	21.29		
20	64QAM	1	99	21.19	21.50	21.22		
20	64QAM	50	0	20.08	20.25	20.22	21	3
20	64QAM	50	24	20.16	20.35	20.31		
20	64QAM	50	50	19.89	20.04	19.89		
20	64QAM	100	0	20.02	20.21	20.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.00	23.10	23.11	24	0
15	QPSK	1	37	23.15	22.96	23.10		
15	QPSK	1	74	22.70	23.12	22.97		
15	QPSK	36	0	21.97	22.39	22.24	23	1
15	QPSK	36	20	22.06	22.47	22.41		
15	QPSK	36	39	21.99	22.26	22.03		
15	QPSK	75	0	22.07	22.30	22.17		
15	16QAM	1	0	22.38	22.43	22.44	23	1
15	16QAM	1	37	22.09	21.99	22.04		
15	16QAM	1	74	22.12	22.28	22.11		
15	16QAM	36	0	21.00	21.24	21.27	22	2
15	16QAM	36	20	21.11	21.41	21.27		
15	16QAM	36	39	21.04	21.20	21.02		
15	16QAM	75	0	20.96	21.19	21.24		
15	64QAM	1	0	21.55	21.23	21.47	22	2
15	64QAM	1	37	21.15	21.09	21.42		
15	64QAM	1	74	21.17	21.58	21.20		
15	64QAM	36	0	20.07	20.32	20.28	21	3
15	64QAM	36	20	20.06	20.42	20.30		
15	64QAM	36	39	20.05	20.24	20.30		
15	64QAM	75	0	19.99	20.24	20.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.12	23.01	23.15	24	0
10	QPSK	1	25	23.12	23.11	22.97		
10	QPSK	1	49	23.12	23.11	23.09		
10	QPSK	25	0	22.18	22.32	22.22	23	1
10	QPSK	25	12	22.15	22.31	22.41		
10	QPSK	25	25	22.21	22.31	22.21		
10	QPSK	50	0	22.10	22.33	22.18		
10	16QAM	1	0	22.42	22.27	22.30	23	1
10	16QAM	1	25	22.46	22.17	22.17		
10	16QAM	1	49	22.33	22.59	22.61		
10	16QAM	25	0	21.13	21.17	21.30	22	2
10	16QAM	25	12	21.13	21.38	21.16		
10	16QAM	25	25	21.20	21.33	21.08		
10	16QAM	50	0	21.16	21.42	21.21		
10	64QAM	1	0	21.34	21.16	21.30	22	2
10	64QAM	1	25	21.43	20.93	21.34		
10	64QAM	1	49	21.36	21.34	21.34		
10	64QAM	25	0	20.14	20.32	20.16	21	3
10	64QAM	25	12	20.16	20.38	20.17		
10	64QAM	25	25	20.14	20.41	20.18		
10	64QAM	50	0	20.14	20.29	20.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.05	23.09	23.00	24	0
5	QPSK	1	12	23.10	23.10	23.09		
5	QPSK	1	24	23.10	23.08	22.92		
5	QPSK	12	0	22.37	22.30	22.12	23	1
5	QPSK	12	7	22.06	22.34	22.21		
5	QPSK	12	13	22.12	22.23	22.14		
5	QPSK	25	0	22.16	22.35	22.28		
5	16QAM	1	0	22.36	22.60	22.52	23	1
5	16QAM	1	12	22.77	22.74	22.65		
5	16QAM	1	24	22.60	22.37	22.34		
5	16QAM	12	0	21.18	21.39	21.35	22	2
5	16QAM	12	7	21.21	21.39	21.22		
5	16QAM	12	13	21.18	21.37	21.17		
5	16QAM	25	0	21.18	21.49	21.23		
5	64QAM	1	0	21.07	21.40	21.49	22	2
5	64QAM	1	12	21.09	21.15	21.54		
5	64QAM	1	24	21.32	21.42	21.39		
5	64QAM	12	0	20.39	20.42	20.36	21	3
5	64QAM	12	7	20.26	20.48	20.33		
5	64QAM	12	13	20.19	20.42	20.19		
5	64QAM	25	0	20.27	20.46	20.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.99	23.06	22.98	24	0
3	QPSK	1	8	22.97	22.81	22.94		
3	QPSK	1	14	22.59	23.02	22.99		
3	QPSK	8	0	21.80	22.19	22.22	23	1
3	QPSK	8	4	22.00	22.23	22.27		
3	QPSK	8	7	21.98	22.26	22.01		
3	QPSK	15	0	22.02	22.13	22.05		
3	16QAM	1	0	22.34	22.37	22.33	23	1
3	16QAM	1	8	22.05	22.00	21.92		
3	16QAM	1	14	22.12	22.22	22.10		
3	16QAM	8	0	21.01	21.21	21.22	22	2
3	16QAM	8	4	21.04	21.26	21.26		
3	16QAM	8	7	21.01	21.15	20.95		
3	16QAM	15	0	20.94	21.01	21.21		
3	64QAM	1	0	21.42	21.07	21.39	22	2
3	64QAM	1	8	21.17	21.06	21.24		
3	64QAM	1	14	21.03	21.40	21.17		
3	64QAM	8	0	19.92	20.25	20.22	21	3
3	64QAM	8	4	19.98	20.26	20.31		
3	64QAM	8	7	20.06	20.08	20.16		
3	64QAM	15	0	19.98	20.07	19.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.93	23.11	22.97	24	0
1.4	QPSK	1	3	23.08	22.91	22.96		
1.4	QPSK	1	5	22.69	23.10	22.80		
1.4	QPSK	3	0	23.00	23.11	22.99		
1.4	QPSK	3	1	23.15	22.99	23.02		
1.4	QPSK	3	3	22.79	22.94	22.96		
1.4	QPSK	6	0	21.96	22.31	22.07	23	1
1.4	16QAM	1	0	22.36	22.28	22.18	23	1
1.4	16QAM	1	3	22.04	21.96	22.03		
1.4	16QAM	1	5	22.19	22.28	22.08		
1.4	16QAM	3	0	22.24	22.34	22.32		
1.4	16QAM	3	1	22.02	21.89	21.94		
1.4	16QAM	3	3	22.16	22.17	21.94		
1.4	16QAM	6	0	20.83	21.02	21.07	22	2
1.4	64QAM	1	0	21.36	21.15	21.38	22	2
1.4	64QAM	1	3	21.10	21.06	21.26		
1.4	64QAM	1	5	21.09	21.49	21.14		
1.4	64QAM	3	0	21.27	21.22	21.28		
1.4	64QAM	3	1	21.03	21.10	21.25		
1.4	64QAM	3	3	21.04	21.21	21.12		
1.4	64QAM	6	0	20.01	20.10	20.17	21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.59	22.72	22.68	24	0
20	QPSK	1	49	22.72	22.82	22.78		
20	QPSK	1	99	22.54	22.74	22.63		
20	QPSK	50	0	21.62	21.70	21.67	23	1
20	QPSK	50	24	21.64	21.75	21.68		
20	QPSK	50	50	21.60	21.70	21.67		
20	QPSK	100	0	21.60	21.73	21.70		
20	16QAM	1	0	21.52	21.62	21.70	23	1
20	16QAM	1	49	21.72	21.64	21.85		
20	16QAM	1	99	21.61	21.66	21.73		
20	16QAM	50	0	20.52	20.61	20.73	22	2
20	16QAM	50	24	20.74	20.67	20.71		
20	16QAM	50	50	20.69	20.74	20.69		
20	16QAM	100	0	20.44	20.63	20.73		
20	64QAM	1	0	20.56	20.55	20.63	22	2
20	64QAM	1	49	20.85	20.98	20.89		
20	64QAM	1	99	20.65	20.79	21.00		
20	64QAM	50	0	19.58	19.56	19.61	21	3
20	64QAM	50	24	19.70	19.70	19.67		
20	64QAM	50	50	19.57	19.70	19.70		
20	64QAM	100	0	19.45	19.65	19.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.61	22.73	22.53	24	0
15	QPSK	1	37	22.65	22.65	22.65		
15	QPSK	1	74	22.46	22.74	22.55		
15	QPSK	36	0	21.47	21.54	21.63	23	1
15	QPSK	36	20	21.63	21.61	21.56		
15	QPSK	36	39	21.56	21.60	21.55		
15	QPSK	75	0	21.44	21.73	21.68		
15	16QAM	1	0	21.47	21.57	21.69	23	1
15	16QAM	1	37	21.74	21.56	21.80		
15	16QAM	1	74	21.54	21.56	21.65		
15	16QAM	36	0	20.42	20.63	20.57	22	2
15	16QAM	36	20	20.72	20.59	20.69		
15	16QAM	36	39	20.59	20.67	20.71		
15	16QAM	75	0	20.41	20.57	20.74		
15	64QAM	1	0	20.52	20.53	20.54	22	2
15	64QAM	1	37	20.84	20.82	20.81		
15	64QAM	1	74	20.65	20.77	20.87		
15	64QAM	36	0	19.60	19.52	19.50	21	3
15	64QAM	36	20	19.53	19.57	19.55		
15	64QAM	36	39	19.39	19.60	19.64		
15	64QAM	75	0	19.27	19.54	19.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.52	22.71	22.68	24	0
10	QPSK	1	25	22.73	22.80	22.69		
10	QPSK	1	49	22.46	22.67	22.63		
10	QPSK	25	0	21.46	21.52	21.62	23	1
10	QPSK	25	12	21.61	21.69	21.61		
10	QPSK	25	25	21.44	21.69	21.61		
10	QPSK	50	0	21.62	21.75	21.52		
10	16QAM	1	0	21.42	21.45	21.72	23	1
10	16QAM	1	25	21.73	21.58	21.74		
10	16QAM	1	49	21.55	21.49	21.60		
10	16QAM	25	0	20.50	20.62	20.67	22	2
10	16QAM	25	12	20.71	20.56	20.54		
10	16QAM	25	25	20.53	20.59	20.59		
10	16QAM	50	0	20.32	20.46	20.73		
10	64QAM	1	0	20.56	20.51	20.65	22	2
10	64QAM	1	25	20.75	20.92	20.73		
10	64QAM	1	49	20.52	20.69	20.83		
10	64QAM	25	0	19.51	19.46	19.44	21	3
10	64QAM	25	12	19.58	19.65	19.56		
10	64QAM	25	25	19.39	19.63	19.65		
10	64QAM	50	0	19.44	19.48	19.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.41	22.67	22.60	24	0
5	QPSK	1	12	22.59	22.64	22.79		
5	QPSK	1	24	22.54	22.62	22.61		
5	QPSK	12	0	21.49	21.70	21.51	23	1
5	QPSK	12	7	21.55	21.57	21.50		
5	QPSK	12	13	21.42	21.68	21.66		
5	QPSK	25	0	21.47	21.57	21.58		
5	16QAM	1	0	21.42	21.60	21.72	23	1
5	16QAM	1	12	21.65	21.54	21.74		
5	16QAM	1	24	21.45	21.50	21.72		
5	16QAM	12	0	20.46	20.45	20.74	22	2
5	16QAM	12	7	20.73	20.55	20.56		
5	16QAM	12	13	20.62	20.69	20.51		
5	16QAM	25	0	20.44	20.63	20.57		
5	64QAM	1	0	20.38	20.53	20.51	22	2
5	64QAM	1	12	20.84	20.84	20.87		
5	64QAM	1	24	20.58	20.81	20.78		
5	64QAM	12	0	19.52	19.50	19.50	21	3
5	64QAM	12	7	19.62	19.66	19.66		
5	64QAM	12	13	19.49	19.56	19.61		
5	64QAM	25	0	19.27	19.47	19.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.50	22.54	22.50	24	0
3	QPSK	1	8	22.62	22.66	22.69		
3	QPSK	1	14	22.45	22.72	22.49		
3	QPSK	8	0	21.51	21.59	21.66	23	1
3	QPSK	8	4	21.62	21.68	21.66		
3	QPSK	8	7	21.51	21.68	21.63		
3	QPSK	15	0	21.52	21.58	21.63		
3	16QAM	1	0	21.36	21.61	21.59	23	1
3	16QAM	1	8	21.56	21.60	21.73		
3	16QAM	1	14	21.60	21.53	21.68		
3	16QAM	8	0	20.53	20.63	20.61	22	2
3	16QAM	8	4	20.70	20.60	20.72		
3	16QAM	8	7	20.56	20.58	20.69		
3	16QAM	15	0	20.43	20.63	20.67		
3	64QAM	1	0	20.45	20.50	20.65	22	2
3	64QAM	1	8	20.83	20.86	20.74		
3	64QAM	1	14	20.65	20.65	20.67		
3	64QAM	8	0	19.44	19.51	19.47	21	3
3	64QAM	8	4	19.53	19.56	19.59		
3	64QAM	8	7	19.39	19.54	19.63		
3	64QAM	15	0	19.32	19.63	19.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.46	22.57	22.53	24	0
1.4	QPSK	1	3	22.55	22.67	22.62		
1.4	QPSK	1	5	22.46	22.73	22.54		
1.4	QPSK	3	0	22.58	22.68	22.53		
1.4	QPSK	3	1	22.51	22.65	22.54		
1.4	QPSK	3	3	22.62	22.67	22.64		
1.4	QPSK	6	0	21.56	21.66	21.67	23	1
1.4	16QAM	1	0	21.53	21.46	21.64	23	1
1.4	16QAM	1	3	21.67	21.53	21.71		
1.4	16QAM	1	5	21.59	21.62	21.55		
1.4	16QAM	3	0	21.52	21.46	21.60		
1.4	16QAM	3	1	21.73	21.63	21.63		
1.4	16QAM	3	3	21.85	21.69	21.69		
1.4	16QAM	6	0	20.38	20.54	20.61	22	2
1.4	64QAM	1	0	20.41	20.41	20.61	22	2
1.4	64QAM	1	3	20.70	20.74	20.78		
1.4	64QAM	1	5	20.50	20.76	20.87		
1.4	64QAM	3	0	20.55	20.48	20.50		
1.4	64QAM	3	1	20.56	20.57	20.52		
1.4	64QAM	3	3	20.40	20.63	20.56		
1.4	64QAM	6	0	19.38	19.52	19.82	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.87	21.07	20.92	22	0
10	QPSK	1	25	20.91	21.11	21.03		
10	QPSK	1	49	20.87	21.02	21.00		
10	QPSK	25	0	20.72	20.91	20.87	22	0
10	QPSK	25	12	20.69	21.00	20.90		
10	QPSK	25	25	20.89	20.94	20.85		
10	QPSK	50	0	20.80	20.92	20.86		
10	16QAM	1	0	21.04	21.09	21.09	22	0
10	16QAM	1	25	20.93	20.92	20.87		
10	16QAM	1	49	21.05	20.98	21.08		
10	16QAM	25	0	20.80	21.02	20.85	22	0
10	16QAM	25	12	20.74	21.06	20.83		
10	16QAM	25	25	20.89	21.03	20.95		
10	16QAM	50	0	20.80	21.03	20.78		
10	64QAM	1	0	21.07	21.08	20.97	22	0
10	64QAM	1	25	21.10	21.01	20.99		
10	64QAM	1	49	21.06	21.06	21.09		
10	64QAM	25	0	19.81	19.79	19.71	21	1
10	64QAM	25	12	19.90	20.03	19.89		
10	64QAM	25	25	19.71	20.09	19.92		
10	64QAM	50	0	19.72	19.99	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.85	21.02	20.87	22	0
5	QPSK	1	12	20.85	21.08	20.96		
5	QPSK	1	24	20.75	20.93	20.92		
5	QPSK	12	0	20.67	20.87	20.85	22	0
5	QPSK	12	7	20.67	20.95	20.79		
5	QPSK	12	13	20.81	20.81	20.74		
5	QPSK	25	0	20.73	20.82	20.75		
5	16QAM	1	0	20.96	21.01	21.03	22	0
5	16QAM	1	12	20.87	20.85	20.84		
5	16QAM	1	24	20.95	20.85	20.99		
5	16QAM	12	0	20.74	20.99	20.75	22	0
5	16QAM	12	7	20.63	21.04	20.79		
5	16QAM	12	13	20.79	20.95	20.92		
5	16QAM	25	0	20.68	20.99	20.76		
5	64QAM	1	0	20.95	21.05	20.91	22	0
5	64QAM	1	12	21.05	20.93	20.92		
5	64QAM	1	24	20.99	20.98	21.06		
5	64QAM	12	0	19.69	19.66	19.68	21	1
5	64QAM	12	7	19.84	19.94	19.85		
5	64QAM	12	13	19.61	20.07	19.90		
5	64QAM	25	0	19.66	19.91	19.73		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.79	21.02	20.84	22	0
3	QPSK	1	8	20.80	21.06	20.98		
3	QPSK	1	14	20.81	20.90	20.92		
3	QPSK	8	0	20.61	20.87	20.77	22	0
3	QPSK	8	4	20.59	20.89	20.88		
3	QPSK	8	7	20.84	20.81	20.78		
3	QPSK	15	0	20.73	20.80	20.78		
3	16QAM	1	0	21.01	20.99	20.99	22	0
3	16QAM	1	8	20.80	20.83	20.78		
3	16QAM	1	14	20.99	20.88	21.06		
3	16QAM	8	0	20.69	20.96	20.79	22	0
3	16QAM	8	4	20.62	21.02	20.81		
3	16QAM	8	7	20.80	20.97	20.91		
3	16QAM	15	0	20.75	20.95	20.75		
3	64QAM	1	0	20.97	20.97	20.86	22	0
3	64QAM	1	8	21.04	20.91	20.95		
3	64QAM	1	14	21.03	21.03	21.00		
3	64QAM	8	0	19.68	19.72	19.58	21	1
3	64QAM	8	4	19.78	19.94	19.80		
3	64QAM	8	7	19.68	19.96	19.84		
3	64QAM	15	0	19.67	19.97	19.71		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.85	21.04	20.87	22	0
1.4	QPSK	1	3	20.81	21.02	20.99		
1.4	QPSK	1	5	20.80	20.90	20.95		
1.4	QPSK	3	0	20.61	20.87	20.84		
1.4	QPSK	3	1	20.61	20.97	20.77		
1.4	QPSK	3	3	20.86	20.84	20.78		
1.4	QPSK	6	0	20.71	20.89	20.74	22	0
1.4	16QAM	1	0	20.91	20.99	21.05	22	0
1.4	16QAM	1	3	20.80	20.88	20.74		
1.4	16QAM	1	5	21.01	20.91	21.02		
1.4	16QAM	3	0	20.75	20.98	20.75		
1.4	16QAM	3	1	20.72	20.99	20.70		
1.4	16QAM	3	3	20.80	20.94	20.91		
1.4	16QAM	6	0	20.70	20.99	20.70	22	0
1.4	64QAM	1	0	21.03	20.99	20.94	22	0
1.4	64QAM	1	3	21.06	20.99	20.89		
1.4	64QAM	1	5	20.97	20.96	21.07		
1.4	64QAM	3	0	21.04	20.95	20.93		
1.4	64QAM	3	1	21.09	21.00	20.94		
1.4	64QAM	3	3	20.93	20.99	21.07		
1.4	64QAM	6	0	19.69	19.89	19.63	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.82	23.04	22.71	24	0
20	QPSK	1	49	22.94	23.19	22.89		
20	QPSK	1	99	22.71	22.78	22.70		
20	QPSK	50	0	21.80	22.06	21.78	23	1
20	QPSK	50	24	22.15	22.16	22.03		
20	QPSK	50	50	21.89	22.14	22.07		
20	QPSK	100	0	22.08	22.12	22.04		
20	16QAM	1	0	21.91	21.83	21.99	23	1
20	16QAM	1	49	21.88	22.14	21.83		
20	16QAM	1	99	21.78	21.72	21.97		
20	16QAM	50	0	21.14	20.99	20.75	22	2
20	16QAM	50	24	20.92	21.11	21.09		
20	16QAM	50	50	20.90	21.08	21.17		
20	16QAM	100	0	20.90	20.99	20.92		
20	64QAM	1	0	20.94	20.94	20.77	22	2
20	64QAM	1	49	20.75	21.23	21.19		
20	64QAM	1	99	20.97	20.81	20.86		
20	64QAM	50	0	19.88	20.09	19.76	21	3
20	64QAM	50	24	20.03	20.03	19.77		
20	64QAM	50	50	19.82	20.06	20.10		
20	64QAM	100	0	19.90	19.97	19.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.69	23.06	22.67	24	0
15	QPSK	1	37	22.86	23.12	22.91		
15	QPSK	1	74	22.73	22.77	22.68		
15	QPSK	36	0	21.71	21.93	21.74	23	1
15	QPSK	36	20	22.13	22.16	22.01		
15	QPSK	36	39	21.88	22.00	22.01		
15	QPSK	75	0	22.06	22.02	21.86		
15	16QAM	1	0	21.91	21.83	21.85	23	1
15	16QAM	1	37	21.75	22.00	21.84		
15	16QAM	1	74	21.64	21.64	21.98		
15	16QAM	36	0	21.12	20.92	20.70	22	2
15	16QAM	36	20	20.76	21.01	21.05		
15	16QAM	36	39	20.90	20.98	21.08		
15	16QAM	75	0	20.86	20.96	20.94		
15	64QAM	1	0	20.82	20.92	20.61	22	2
15	64QAM	1	37	20.61	21.06	21.01		
15	64QAM	1	74	20.97	20.83	20.72		
15	64QAM	36	0	19.77	20.00	19.74	21	3
15	64QAM	36	20	19.94	20.02	19.79		
15	64QAM	36	39	19.70	20.07	20.00		
15	64QAM	75	0	19.85	19.80	19.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.72	22.90	22.61	24	0
10	QPSK	1	25	22.83	23.09	22.74		
10	QPSK	1	49	22.76	22.78	22.60		
10	QPSK	25	0	21.80	21.94	21.64	23	1
10	QPSK	25	12	22.08	22.02	21.99		
10	QPSK	25	25	21.71	22.08	22.02		
10	QPSK	50	0	22.10	22.05	21.87		
10	16QAM	1	0	21.91	21.65	21.91	23	1
10	16QAM	1	25	21.70	21.96	21.68		
10	16QAM	1	49	21.76	21.62	21.97		
10	16QAM	25	0	21.00	20.87	20.65	22	2
10	16QAM	25	12	20.78	21.11	21.11		
10	16QAM	25	25	20.72	21.01	21.01		
10	16QAM	50	0	20.74	21.00	20.90		
10	64QAM	1	0	20.92	20.88	20.60	22	2
10	64QAM	1	25	20.58	21.08	21.07		
10	64QAM	1	49	20.82	20.83	20.72		
10	64QAM	25	0	19.74	19.93	19.66	21	3
10	64QAM	25	12	19.94	19.98	19.73		
10	64QAM	25	25	19.79	20.03	19.98		
10	64QAM	50	0	19.89	19.83	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.77	22.96	22.63	24	0
5	QPSK	1	12	22.84	23.10	22.75		
5	QPSK	1	24	22.71	22.69	22.72		
5	QPSK	12	0	21.70	21.88	21.80	23	1
5	QPSK	12	7	22.08	22.18	22.01		
5	QPSK	12	13	21.74	22.07	21.96		
5	QPSK	25	0	21.95	21.97	21.90		
5	16QAM	1	0	21.92	21.84	21.94	23	1
5	16QAM	1	12	21.87	22.09	21.77		
5	16QAM	1	24	21.61	21.74	21.85		
5	16QAM	12	0	21.05	20.84	20.73	22	2
5	16QAM	12	7	20.87	21.04	20.98		
5	16QAM	12	13	20.79	21.03	21.15		
5	16QAM	25	0	20.74	20.97	20.94		
5	64QAM	1	0	20.94	20.93	20.79	22	2
5	64QAM	1	12	20.70	21.18	21.16		
5	64QAM	1	24	20.82	20.78	20.86		
5	64QAM	12	0	19.85	19.97	19.70	21	3
5	64QAM	12	7	19.88	20.02	19.79		
5	64QAM	12	13	19.79	19.89	19.98		
5	64QAM	25	0	19.82	19.98	19.77		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		22.14		23	0
10	QPSK	1	25		22.24			
10	QPSK	1	49		22.21			
10	QPSK	25	0		21.91		23	0
10	QPSK	25	12		21.95			
10	QPSK	25	25		21.77			
10	QPSK	50	0		21.85			
10	16QAM	1	0		22.15		23	0
10	16QAM	1	25		21.74			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.78		22	1
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.73			
10	16QAM	50	0		20.70			
10	64QAM	1	0		21.10		22	1
10	64QAM	1	25		20.95			
10	64QAM	1	49		20.97			
10	64QAM	25	0		19.80		21	2
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.66			
10	64QAM	50	0		19.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.07	22.12	23	0
5	QPSK	1	12	22.19	22.21	22.13		
5	QPSK	1	24	22.17	22.19	22.12		
5	QPSK	12	0	21.87	21.79	21.81	23	0
5	QPSK	12	7	21.86	21.88	21.88		
5	QPSK	12	13	21.74	21.67	21.65		
5	QPSK	25	0	21.82	21.73	21.73		
5	16QAM	1	0	22.07	22.10	22.07	23	0
5	16QAM	1	12	21.69	21.71	21.64		
5	16QAM	1	24	21.95	21.93	22.01		
5	16QAM	12	0	20.72	20.73	20.75	22	1
5	16QAM	12	7	20.75	20.78	20.75		
5	16QAM	12	13	20.61	20.65	20.69		
5	16QAM	25	0	20.58	20.59	20.63		
5	64QAM	1	0	21.04	20.99	21.00	22	1
5	64QAM	1	12	20.93	20.93	20.82		
5	64QAM	1	24	20.93	20.90	20.91		
5	64QAM	12	0	19.75	19.75	19.74	21	2
5	64QAM	12	7	19.73	19.72	19.76		
5	64QAM	12	13	19.57	19.63	19.62		
5	64QAM	25	0	19.76	19.80	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	21.10	21.23	20.99	22	0
15	QPSK	1	37	21.17	21.28	21.19		
15	QPSK	1	74	21.19	21.22	21.09		
15	QPSK	36	0	21.20	21.20	21.17	22	0
15	QPSK	36	20	21.24	21.25	21.21		
15	QPSK	36	39	21.01	21.08	20.82		
15	QPSK	75	0	21.18	21.21	21.13		
15	16QAM	1	0	21.20	21.26	21.20	22	0
15	16QAM	1	37	21.24	21.25	21.21		
15	16QAM	1	74	21.24	21.22	21.25		
15	16QAM	36	0	21.25	21.20	21.26	22	0
15	16QAM	36	20	21.12	21.19	21.01		
15	16QAM	36	39	20.95	20.88	20.94		
15	16QAM	75	0	21.13	21.04	20.89		
15	64QAM	1	0	21.22	21.24	21.23	22	0
15	64QAM	1	37	21.08	21.22	20.90		
15	64QAM	1	74	21.25	21.25	21.11		
15	64QAM	36	0	20.37	20.18	20.17	21	1
15	64QAM	36	20	20.16	19.96	19.95		
15	64QAM	36	39	19.87	19.79	19.90		
15	64QAM	75	0	20.06	19.93	19.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.06	21.16	20.91	22	0
10	QPSK	1	25	21.04	21.19	21.15		
10	QPSK	1	49	21.14	21.10	20.96		
10	QPSK	25	0	21.09	21.18	21.06	22	0
10	QPSK	25	12	21.20	21.22	21.18		
10	QPSK	25	25	20.88	20.99	20.69		
10	QPSK	50	0	21.13	21.08	21.01		
10	16QAM	1	0	21.17	21.23	21.10	22	0
10	16QAM	1	25	21.17	21.14	21.17		
10	16QAM	1	49	21.11	21.20	21.14		
10	16QAM	25	0	21.13	21.10	21.19	22	0
10	16QAM	25	12	21.01	21.08	20.89		
10	16QAM	25	25	20.82	20.83	20.84		
10	16QAM	50	0	21.06	20.96	20.80		
10	64QAM	1	0	21.14	21.20	21.20	22	0
10	64QAM	1	25	20.96	21.18	20.77		
10	64QAM	1	49	21.20	21.14	20.98		
10	64QAM	25	0	20.30	20.10	20.14	21	1
10	64QAM	25	12	20.05	19.93	19.89		
10	64QAM	25	25	19.76	19.69	19.79		
10	64QAM	50	0	19.96	19.85	19.90		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.04	21.17	20.95	22	0
5	QPSK	1	12	21.10	21.17	21.11		
5	QPSK	1	24	21.15	21.13	21.03		
5	QPSK	12	0	21.16	21.13	21.14	22	0
5	QPSK	12	7	21.12	21.19	21.17		
5	QPSK	12	13	20.99	21.03	20.71		
5	QPSK	25	0	21.15	21.11	21.06		
5	16QAM	1	0	21.12	21.22	21.18	22	0
5	16QAM	1	12	21.20	21.18	21.18		
5	16QAM	1	24	21.16	21.11	21.18		
5	16QAM	12	0	21.23	21.13	21.15	22	0
5	16QAM	12	7	21.02	21.10	20.89		
5	16QAM	12	13	20.92	20.76	20.91		
5	16QAM	25	0	21.03	20.93	20.87		
5	64QAM	1	0	21.13	21.12	21.13	22	0
5	64QAM	1	12	21.06	21.18	20.88		
5	64QAM	1	24	21.17	21.17	21.02		
5	64QAM	12	0	20.32	20.10	20.09	21	1
5	64QAM	12	7	20.11	19.88	19.86		
5	64QAM	12	13	19.74	19.74	19.87		
5	64QAM	25	0	19.96	19.83	19.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.05	21.15	20.91	22	0
3	QPSK	1	8	21.08	21.26	21.16		
3	QPSK	1	14	21.07	21.15	21.01		
3	QPSK	8	0	21.15	21.08	21.05	22	0
3	QPSK	8	4	21.20	21.21	21.16		
3	QPSK	8	7	20.88	21.06	20.72		
3	QPSK	15	0	21.15	21.14	21.09		
3	16QAM	1	0	21.08	21.18	21.11	22	0
3	16QAM	1	8	21.11	21.14	21.10		
3	16QAM	1	14	21.16	21.11	21.12		
3	16QAM	8	0	21.21	21.09	21.20	22	0
3	16QAM	8	4	21.03	21.17	20.90		
3	16QAM	8	7	20.90	20.75	20.91		
3	16QAM	15	0	21.06	21.02	20.78		
3	64QAM	1	0	21.12	21.20	21.15	22	0
3	64QAM	1	8	20.95	21.14	20.77		
3	64QAM	1	14	21.19	21.20	20.98		
3	64QAM	8	0	20.25	20.16	20.05	21	1
3	64QAM	8	4	20.06	19.92	19.89		
3	64QAM	8	7	19.78	19.76	19.82		
3	64QAM	15	0	19.97	19.82	19.90		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.07	21.19	20.91	22	0
1.4	QPSK	1	3	21.05	21.21	21.16		
1.4	QPSK	1	5	21.06	21.16	21.01		
1.4	QPSK	3	0	21.08	21.10	21.13		
1.4	QPSK	3	1	21.21	21.13	21.18		
1.4	QPSK	3	3	20.89	20.99	20.73		
1.4	QPSK	6	0	21.08	21.16	21.09	22	0
1.4	16QAM	1	0	21.08	21.17	21.15	22	0
1.4	16QAM	1	3	21.12	21.17	21.14		
1.4	16QAM	1	5	21.16	21.09	21.23		
1.4	16QAM	3	0	21.20	21.14	21.16		
1.4	16QAM	3	1	21.08	21.11	20.92		
1.4	16QAM	3	3	20.92	20.85	20.82		
1.4	16QAM	6	0	21.10	20.94	20.87	22	0
1.4	64QAM	1	0	21.09	21.17	21.14	22	0
1.4	64QAM	1	3	21.03	21.19	20.78		
1.4	64QAM	1	5	21.20	21.13	21.09		
1.4	64QAM	3	0	21.10	21.14	21.12		
1.4	64QAM	3	1	20.99	21.24	20.77		
1.4	64QAM	3	3	21.24	21.16	21.06		
1.4	64QAM	6	0	19.93	19.91	19.82	21	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.21	23.36	23.24	24	0
15	QPSK	1	37	23.33	23.42	23.40		
15	QPSK	1	74	23.20	23.31	23.29		
15	QPSK	36	0	22.21	22.28	22.27	23	1
15	QPSK	36	20	22.25	22.31	22.28		
15	QPSK	36	39	22.05	22.21	22.16		
15	QPSK	75	0	22.10	22.28	22.26		
15	16QAM	1	0	22.33	22.51	22.50	23	1
15	16QAM	1	37	22.33	22.41	22.36		
15	16QAM	1	74	22.34	22.53	22.23		
15	16QAM	36	0	21.12	20.91	21.06	22	2
15	16QAM	36	20	21.05	20.98	21.21		
15	16QAM	36	39	21.27	20.89	21.22		
15	16QAM	75	0	21.21	20.99	21.20		
15	64QAM	1	0	21.38	21.47	21.23	22	2
15	64QAM	1	37	21.37	21.25	21.29		
15	64QAM	1	74	21.46	21.07	21.34		
15	64QAM	36	0	20.04	19.94	19.98	21	3
15	64QAM	36	20	20.06	19.87	20.13		
15	64QAM	36	39	19.91	19.84	20.16		
15	64QAM	75	0	20.06	19.93	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.33	23.35	23.29	24	0
10	QPSK	1	25	23.02	23.34	23.09		
10	QPSK	1	49	23.24	23.40	23.01		
10	QPSK	25	0	22.24	22.05	22.05	23	1
10	QPSK	25	12	22.19	21.94	22.16		
10	QPSK	25	25	22.14	22.14	22.21		
10	QPSK	50	0	22.07	22.07	22.19		
10	16QAM	1	0	22.39	22.50	22.61	23	1
10	16QAM	1	25	22.42	22.55	22.34		
10	16QAM	1	49	22.32	22.64	22.25		
10	16QAM	25	0	21.24	21.06	21.13	22	2
10	16QAM	25	12	21.22	21.05	21.26		
10	16QAM	25	25	21.29	21.07	21.22		
10	16QAM	50	0	21.28	20.98	21.23		
10	64QAM	1	0	21.54	21.47	21.27	22	2
10	64QAM	1	25	21.49	21.31	21.33		
10	64QAM	1	49	21.56	21.18	21.35		
10	64QAM	25	0	20.12	20.06	20.06	21	3
10	64QAM	25	12	20.22	19.95	20.17		
10	64QAM	25	25	20.09	19.97	20.20		
10	64QAM	50	0	20.11	19.97	20.11		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.06	23.15	23.15	24	0
5	QPSK	1	12	23.02	23.21	23.01		
5	QPSK	1	24	23.13	23.21	22.84		
5	QPSK	12	0	22.06	21.99	22.05	23	1
5	QPSK	12	7	22.19	21.85	22.01		
5	QPSK	12	13	22.05	21.97	22.13		
5	QPSK	25	0	22.09	22.06	22.20		
5	16QAM	1	0	22.40	22.32	22.46	23	1
5	16QAM	1	12	22.35	22.43	22.29		
5	16QAM	1	24	22.30	22.46	22.12		
5	16QAM	12	0	21.23	20.90	20.99	22	2
5	16QAM	12	7	21.05	20.88	21.16		
5	16QAM	12	13	21.13	20.97	21.04		
5	16QAM	25	0	21.29	20.94	21.10		
5	64QAM	1	0	21.54	21.40	21.25	22	2
5	64QAM	1	12	21.50	21.28	21.35		
5	64QAM	1	24	21.55	21.19	21.37		
5	64QAM	12	0	20.01	20.03	19.89	21	3
5	64QAM	12	7	20.21	19.82	20.03		
5	64QAM	12	13	20.06	19.97	20.21		
5	64QAM	25	0	19.93	19.82	19.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.27	22.96	23.03	24	0
3	QPSK	1	8	23.15	22.92	23.00		
3	QPSK	1	14	23.10	22.99	23.05		
3	QPSK	8	0	22.26	21.92	22.07	23	1
3	QPSK	8	4	22.15	22.06	22.13		
3	QPSK	8	7	22.16	22.19	22.10		
3	QPSK	15	0	22.15	21.92	22.06		
3	16QAM	1	0	22.35	22.11	22.22	23	1
3	16QAM	1	8	22.35	22.00	22.41		
3	16QAM	1	14	22.31	22.39	22.09		
3	16QAM	8	0	21.10	21.00	21.05	22	2
3	16QAM	8	4	21.26	21.08	21.05		
3	16QAM	8	7	21.24	20.99	21.05		
3	16QAM	15	0	20.99	21.02	21.19		
3	64QAM	1	0	21.16	21.12	21.38	22	2
3	64QAM	1	8	21.00	21.45	21.19		
3	64QAM	1	14	21.11	21.26	21.37		
3	64QAM	8	0	20.09	19.98	20.09	21	3
3	64QAM	8	4	20.32	20.10	20.06		
3	64QAM	8	7	20.20	20.12	20.17		
3	64QAM	15	0	19.98	19.98	20.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.15	22.84	22.95	24	0
1.4	QPSK	1	3	23.31	23.01	23.08		
1.4	QPSK	1	5	22.94	22.86	22.95		
1.4	QPSK	3	0	23.15	22.98	23.07		
1.4	QPSK	3	1	23.18	23.03	23.04		
1.4	QPSK	3	3	23.15	22.98	23.02		
1.4	QPSK	6	0	22.09	21.90	22.00	23	1
1.4	16QAM	1	0	22.36	22.00	22.23	23	1
1.4	16QAM	1	3	22.30	22.19	22.37		
1.4	16QAM	1	5	22.45	21.96	22.21		
1.4	16QAM	3	0	22.05	21.73	22.12		
1.4	16QAM	3	1	22.20	21.92	22.11		
1.4	16QAM	3	3	22.21	21.79	22.05		
1.4	16QAM	6	0	21.29	21.09	21.18	22	2
1.4	64QAM	1	0	21.38	21.30	21.06	22	2
1.4	64QAM	1	3	21.49	21.27	21.17		
1.4	64QAM	1	5	21.38	21.28	21.31		
1.4	64QAM	3	0	21.32	21.08	20.85		
1.4	64QAM	3	1	21.31	21.16	21.27		
1.4	64QAM	3	3	21.26	21.22	21.17		
1.4	64QAM	6	0	20.06	19.83	19.98	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.00	23.09	22.99	24	0
20	QPSK	1	49	23.12	23.16	23.03		
20	QPSK	1	99	22.74	22.87	22.72		
20	QPSK	50	0	21.96	22.06	21.70	23	1
20	QPSK	50	24	22.08	22.15	22.06		
20	QPSK	50	50	21.91	21.98	21.83		
20	QPSK	100	0	21.98	22.00	21.92		
20	16QAM	1	0	22.25	22.25	22.21	23	1
20	16QAM	1	49	22.06	22.27	22.03		
20	16QAM	1	99	22.33	21.92	21.91		
20	16QAM	50	0	20.97	21.06	21.09	22	2
20	16QAM	50	24	20.80	20.83	20.99		
20	16QAM	50	50	20.85	20.89	20.99		
20	16QAM	100	0	20.98	20.80	20.95		
20	64QAM	1	0	21.21	21.17	21.11	22	2
20	64QAM	1	49	21.05	20.87	21.23		
20	64QAM	1	99	21.00	20.91	21.10		
20	64QAM	50	0	19.97	19.95	19.86	21	3
20	64QAM	50	24	19.91	19.82	19.84		
20	64QAM	50	50	19.80	19.84	19.76		
20	64QAM	100	0	19.78	19.98	19.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.85	22.95	23.06	24	0
15	QPSK	1	37	22.87	22.84	22.56		
15	QPSK	1	74	22.80	22.92	22.73		
15	QPSK	36	0	21.78	21.88	21.95	23	1
15	QPSK	36	20	21.90	21.91	21.87		
15	QPSK	36	39	21.83	21.80	21.89		
15	QPSK	75	0	21.86	21.84	21.98		
15	16QAM	1	0	22.11	22.29	22.19	23	1
15	16QAM	1	37	22.15	22.24	21.91		
15	16QAM	1	74	22.18	22.05	22.04		
15	16QAM	36	0	21.02	21.04	20.97	22	2
15	16QAM	36	20	20.97	20.94	21.01		
15	16QAM	36	39	20.78	20.94	20.94		
15	16QAM	75	0	20.83	20.92	20.96		
15	64QAM	1	0	21.27	21.20	21.04	22	2
15	64QAM	1	37	21.24	20.77	21.12		
15	64QAM	1	74	20.86	20.99	20.98		
15	64QAM	36	0	20.10	19.87	19.99	21	3
15	64QAM	36	20	19.85	19.90	19.92		
15	64QAM	36	39	19.69	19.82	19.79		
15	64QAM	75	0	19.95	19.91	19.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.94	22.83	22.94	24	0
10	QPSK	1	25	23.05	22.84	22.70		
10	QPSK	1	49	22.71	22.74	22.68		
10	QPSK	25	0	21.69	21.98	21.87	23	1
10	QPSK	25	12	21.92	21.84	21.88		
10	QPSK	25	25	21.86	21.84	21.76		
10	QPSK	50	0	21.90	21.85	21.95		
10	16QAM	1	0	22.21	22.20	22.22	23	1
10	16QAM	1	25	22.07	22.26	21.92		
10	16QAM	1	49	22.26	22.07	22.06		
10	16QAM	25	0	21.08	20.90	20.97	22	2
10	16QAM	25	12	21.00	20.87	20.86		
10	16QAM	25	25	20.86	20.84	20.92		
10	16QAM	50	0	20.90	20.81	20.88		
10	64QAM	1	0	21.28	21.28	21.04	22	2
10	64QAM	1	25	21.06	20.87	21.25		
10	64QAM	1	49	20.85	20.84	21.04		
10	64QAM	25	0	20.09	19.95	20.00	21	3
10	64QAM	25	12	19.97	19.87	19.75		
10	64QAM	25	25	19.74	19.95	19.80		
10	64QAM	50	0	19.90	19.93	19.79		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	22.95	23.09	24	0
5	QPSK	1	12	23.04	23.01	22.71		
5	QPSK	1	24	22.89	22.90	22.81		
5	QPSK	12	0	21.87	21.97	21.95	23	1
5	QPSK	12	7	21.90	22.00	21.96		
5	QPSK	12	13	21.89	21.92	21.92		
5	QPSK	25	0	21.90	21.93	21.98		
5	16QAM	1	0	22.26	22.31	22.26	23	1
5	16QAM	1	12	22.16	22.36	22.04		
5	16QAM	1	24	22.31	22.09	22.09		
5	16QAM	12	0	21.06	21.05	21.09	22	2
5	16QAM	12	7	20.98	20.93	21.01		
5	16QAM	12	13	20.88	20.96	21.02		
5	16QAM	25	0	21.00	20.95	20.95		
5	64QAM	1	0	21.34	21.32	21.15	22	2
5	64QAM	1	12	21.23	20.94	21.29		
5	64QAM	1	24	21.01	21.01	21.16		
5	64QAM	12	0	20.12	20.00	20.01	21	3
5	64QAM	12	7	20.01	19.93	19.93		
5	64QAM	12	13	19.87	19.99	19.89		
5	64QAM	25	0	19.94	20.01	19.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	22.89	22.77	24	0
3	QPSK	1	8	22.82	22.67	23.10		
3	QPSK	1	14	22.92	22.84	22.79		
3	QPSK	8	0	21.93	22.06	22.06	23	1
3	QPSK	8	4	21.93	22.06	21.91		
3	QPSK	8	7	21.94	22.02	21.89		
3	QPSK	15	0	21.92	21.77	21.87		
3	16QAM	1	0	22.18	22.07	22.04	23	1
3	16QAM	1	8	22.13	22.32	22.49		
3	16QAM	1	14	22.31	22.25	22.10		
3	16QAM	8	0	21.00	21.12	20.95	22	2
3	16QAM	8	4	20.98	21.03	20.94		
3	16QAM	8	7	20.97	20.83	20.89		
3	16QAM	15	0	21.04	21.02	21.06		
3	64QAM	1	0	21.08	21.18	20.98	22	2
3	64QAM	1	8	21.20	21.27	21.26		
3	64QAM	1	14	20.96	20.97	20.92		
3	64QAM	8	0	19.88	20.02	19.95	21	3
3	64QAM	8	4	20.12	19.89	19.88		
3	64QAM	8	7	19.85	19.96	20.11		
3	64QAM	15	0	19.82	19.99	19.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	22.86	22.90	24	0
1.4	QPSK	1	3	22.79	22.86	23.04		
1.4	QPSK	1	5	22.87	22.99	22.87		
1.4	QPSK	3	0	22.86	22.98	23.01		
1.4	QPSK	3	1	22.85	22.77	22.91		
1.4	QPSK	3	3	22.85	22.91	22.86		
1.4	QPSK	6	0	21.77	21.97	21.84	23	1
1.4	16QAM	1	0	22.21	22.12	22.14	23	1
1.4	16QAM	1	3	22.16	22.19	22.00		
1.4	16QAM	1	5	22.11	21.89	22.11		
1.4	16QAM	3	0	21.93	21.97	21.94		
1.4	16QAM	3	1	21.96	21.99	21.88		
1.4	16QAM	3	3	21.82	21.96	21.89		
1.4	16QAM	6	0	21.17	20.97	20.85	22	2
1.4	64QAM	1	0	21.13	20.98	21.13	22	2
1.4	64QAM	1	3	20.96	21.28	20.91		
1.4	64QAM	1	5	21.03	20.97	21.32		
1.4	64QAM	3	0	20.81	21.05	20.83		
1.4	64QAM	3	1	21.10	21.16	21.02		
1.4	64QAM	3	3	21.15	21.08	21.06		
1.4	64QAM	6	0	19.93	19.92	19.81	21	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.01	23.08	23.05	24	0
20	QPSK	1	49	23.06	23.15	23.11		
20	QPSK	1	99	23.01	23.11	23.08		
20	QPSK	50	0	22.04	22.13	22.09	23	1
20	QPSK	50	24	22.12	22.29	22.21		
20	QPSK	50	50	22.05	22.27	22.18		
20	QPSK	100	0	22.06	22.15	22.13		
20	16QAM	1	0	22.30	22.41	22.55	23	1
20	16QAM	1	49	22.71	22.60	22.26		
20	16QAM	1	99	22.39	22.76	22.34		
20	16QAM	50	0	21.08	21.13	21.24	22	2
20	16QAM	50	24	21.14	21.09	21.26		
20	16QAM	50	50	21.05	21.15	21.14		
20	16QAM	100	0	21.02	21.16	21.15		
20	64QAM	1	0	21.04	20.92	20.85	22	2
20	64QAM	1	49	20.93	20.94	20.89		
20	64QAM	1	99	20.98	20.67	20.94		
20	64QAM	50	0	20.07	20.06	20.45	21	3
20	64QAM	50	24	20.14	20.10	20.07		
20	64QAM	50	50	20.04	20.19	20.17		
20	64QAM	100	0	20.18	19.95	20.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.06	22.82	22.73	24	0
15	QPSK	1	37	22.78	22.72	22.73		
15	QPSK	1	74	22.98	23.02	22.78		
15	QPSK	36	0	22.02	21.75	21.69	23	1
15	QPSK	36	20	22.09	21.82	21.83		
15	QPSK	36	39	22.01	22.01	22.15		
15	QPSK	75	0	21.99	21.80	21.95		
15	16QAM	1	0	22.04	22.21	22.16	23	1
15	16QAM	1	37	22.31	22.20	22.16		
15	16QAM	1	74	22.17	22.23	22.24		
15	16QAM	36	0	20.92	20.68	20.73	22	2
15	16QAM	36	20	21.00	20.85	21.00		
15	16QAM	36	39	20.93	20.86	20.80		
15	16QAM	75	0	21.04	20.80	20.96		
15	64QAM	1	0	20.54	20.64	20.75	22	2
15	64QAM	1	37	21.04	20.82	20.82		
15	64QAM	1	74	21.03	20.97	21.01		
15	64QAM	36	0	19.90	19.83	19.74	21	3
15	64QAM	36	20	19.99	19.76	19.87		
15	64QAM	36	39	19.93	19.89	20.04		
15	64QAM	75	0	20.00	19.79	19.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.91	22.90	22.79	24	0
10	QPSK	1	25	22.97	22.83	22.82		
10	QPSK	1	49	22.87	22.85	22.82		
10	QPSK	25	0	21.80	21.99	21.66	23	1
10	QPSK	25	12	21.90	21.95	22.09		
10	QPSK	25	25	22.09	22.11	21.93		
10	QPSK	50	0	22.02	21.95	21.93		
10	16QAM	1	0	22.13	22.20	22.31	23	1
10	16QAM	1	25	22.46	22.51	22.12		
10	16QAM	1	49	22.13	22.52	22.11		
10	16QAM	25	0	20.97	21.00	21.18	22	2
10	16QAM	25	12	21.06	20.97	21.18		
10	16QAM	25	25	20.94	21.02	21.01		
10	16QAM	50	0	20.87	21.07	21.09		
10	64QAM	1	0	20.82	20.79	20.69	22	2
10	64QAM	1	25	20.79	20.74	20.73		
10	64QAM	1	49	20.89	20.60	20.75		
10	64QAM	25	0	19.93	19.84	20.32	21	3
10	64QAM	25	12	20.02	19.91	19.93		
10	64QAM	25	25	19.86	19.96	20.10		
10	64QAM	50	0	19.93	19.76	20.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.06	23.02	23.00	24	0
5	QPSK	1	12	22.95	22.94	22.75		
5	QPSK	1	24	23.07	22.89	22.70		
5	QPSK	12	0	21.98	21.99	21.91	23	1
5	QPSK	12	7	22.01	22.00	21.88		
5	QPSK	12	13	21.93	22.10	21.97		
5	QPSK	25	0	21.94	22.12	22.03		
5	16QAM	1	0	22.05	22.12	22.43	23	1
5	16QAM	1	12	22.17	22.14	22.19		
5	16QAM	1	24	22.25	22.30	22.39		
5	16QAM	12	0	20.99	21.04	20.84	22	2
5	16QAM	12	7	21.01	20.94	21.13		
5	16QAM	12	13	20.94	20.95	21.03		
5	16QAM	25	0	21.01	21.05	20.85		
5	64QAM	1	0	20.88	20.79	21.22	22	2
5	64QAM	1	12	20.92	20.83	20.89		
5	64QAM	1	24	20.83	20.92	20.83		
5	64QAM	12	0	19.99	20.00	20.10	21	3
5	64QAM	12	7	19.93	19.99	20.08		
5	64QAM	12	13	19.96	19.90	19.98		
5	64QAM	25	0	20.00	19.87	19.86		

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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	22.72	22.78	22.93	22.99	22.84	24	0
20	QPSK	1	49	22.91	23.01	23.12	23.19	23.04		
20	QPSK	1	99	22.76	22.94	22.98	23.06	22.91		
20	QPSK	50	0	21.72	21.79	21.85	21.97	21.93	23	1
20	QPSK	50	24	21.79	21.76	21.99	22.09	21.89		
20	QPSK	50	50	21.79	21.83	21.87	21.93	21.94		
20	QPSK	100	0	21.76	21.81	21.83	21.96	21.81		
20	16QAM	1	0	21.65	21.51	21.49	21.79	21.62	23	1
20	16QAM	1	49	21.85	21.94	21.80	21.78	21.92		
20	16QAM	1	99	21.89	21.84	21.69	21.56	21.85		
20	16QAM	50	0	20.74	20.87	20.74	20.59	20.85	22	2
20	16QAM	50	24	20.81	20.97	20.88	20.77	20.78		
20	16QAM	50	50	20.80	20.86	20.68	20.67	20.74		
20	16QAM	100	0	20.76	20.90	20.80	20.71	20.88		
20	64QAM	1	0	20.46	20.75	20.41	20.61	20.61	22	2
20	64QAM	1	49	20.53	20.76	20.78	20.66	20.73		
20	64QAM	1	99	20.42	20.67	20.69	20.65	20.77		
20	64QAM	50	0	19.59	19.82	19.73	19.87	19.80	21	3
20	64QAM	50	24	19.84	19.93	19.76	19.73	19.94		
20	64QAM	50	50	19.85	19.81	19.66	19.62	19.70		
20	64QAM	100	0	19.70	19.86	19.69	19.79	19.73		
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	22.68	22.74	22.90	22.89	22.66	24.00	0
15	QPSK	1	37	22.91	23.01	22.97	23.10	23.03		
15	QPSK	1	74	22.71	22.88	22.88	23.01	22.80		
15	QPSK	36	0	21.74	21.62	21.69	21.90	21.80	23	1
15	QPSK	36	20	21.78	21.66	22.01	21.94	21.87		
15	QPSK	36	39	21.75	21.75	21.71	21.85	21.95		
15	QPSK	75	0	21.75	21.81	21.72	21.80	21.79		
15	16QAM	1	0	21.49	21.43	21.41	21.69	21.59	23	1
15	16QAM	1	37	21.68	21.83	21.74	21.67	21.75		
15	16QAM	1	74	21.79	21.79	21.56	21.48	21.81		
15	16QAM	36	0	20.62	20.89	20.61	20.59	20.75	22	2
15	16QAM	36	20	20.74	20.92	20.74	20.72	20.79		
15	16QAM	36	39	20.80	20.85	20.60	20.53	20.68		
15	16QAM	75	0	20.64	20.87	20.75	20.67	20.73		
15	64QAM	1	0	20.31	20.69	20.24	20.56	20.50	22	2
15	64QAM	1	37	20.40	20.64	20.74	20.67	20.74		
15	64QAM	1	74	20.33	20.52	20.62	20.61	20.60		
15	64QAM	36	0	19.42	19.73	19.72	19.75	19.72	21	3
15	64QAM	36	20	19.68	19.78	19.74	19.59	19.76		
15	64QAM	36	39	19.85	19.79	19.54	19.53	19.58		
15	64QAM	75	0	19.53	19.88	19.61	19.62	19.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.68	22.71	22.86	22.85	22.75	24.00	0
10	QPSK	1	25	22.87	22.83	23.13	23.10	22.91		
10	QPSK	1	49	22.72	22.94	22.88	22.96	22.92		
10	QPSK	25	0	21.61	21.64	21.86	21.84	21.80	23	1
10	QPSK	25	12	21.69	21.58	21.94	22.05	21.83		
10	QPSK	25	25	21.75	21.79	21.88	21.76	21.88		
10	QPSK	50	0	21.69	21.71	21.66	21.86	21.70		
10	16QAM	1	0	21.57	21.47	21.40	21.65	21.45	23	1
10	16QAM	1	25	21.73	21.81	21.81	21.70	21.83		
10	16QAM	1	49	21.86	21.85	21.62	21.51	21.70		
10	16QAM	25	0	20.66	20.79	20.71	20.55	20.82	22	2
10	16QAM	25	12	20.73	20.91	20.78	20.70	20.60		
10	16QAM	25	25	20.72	20.76	20.54	20.64	20.76		
10	16QAM	50	0	20.64	20.72	20.79	20.64	20.72		
10	64QAM	1	0	20.45	20.62	20.43	20.59	20.44	22	2
10	64QAM	1	25	20.50	20.78	20.80	20.48	20.73		
10	64QAM	1	49	20.46	20.63	20.60	20.47	20.75		
10	64QAM	25	0	19.52	19.83	19.61	19.76	19.64	21	3
10	64QAM	25	12	19.86	19.95	19.68	19.65	19.84		
10	64QAM	25	25	19.84	19.73	19.66	19.63	19.67		
10	64QAM	50	0	19.62	19.86	19.65	19.78	19.65		
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	22.69	22.64	22.92	22.88	22.78	24.00	0
5	QPSK	1	12	22.90	23.02	23.03	23.04	22.86		
5	QPSK	1	24	22.67	22.82	22.84	22.95	22.91		
5	QPSK	12	0	21.60	21.77	21.87	21.86	21.85	23	1
5	QPSK	12	7	21.74	21.72	21.89	22.04	21.72		
5	QPSK	12	13	21.62	21.75	21.79	21.92	21.95		
5	QPSK	25	0	21.65	21.73	21.78	21.95	21.74		
5	16QAM	1	0	21.49	21.46	21.50	21.77	21.57	23	1
5	16QAM	1	12	21.71	21.90	21.78	21.66	21.74		
5	16QAM	1	24	21.83	21.68	21.62	21.43	21.77		
5	16QAM	12	0	20.66	20.72	20.70	20.42	20.77	22	2
5	16QAM	12	7	20.65	20.85	20.72	20.62	20.60		
5	16QAM	12	13	20.64	20.70	20.69	20.61	20.61		
5	16QAM	25	0	20.77	20.87	20.66	20.68	20.76		
5	64QAM	1	0	20.47	20.64	20.32	20.57	20.55	22	2
5	64QAM	1	12	20.52	20.63	20.61	20.51	20.65		
5	64QAM	1	24	20.37	20.65	20.68	20.61	20.71		
5	64QAM	12	0	19.56	19.65	19.57	19.89	19.62	21	3
5	64QAM	12	7	19.66	19.93	19.59	19.74	19.78		
5	64QAM	12	13	19.82	19.76	19.57	19.63	19.56		
5	64QAM	25	0	19.69	19.88	19.65	19.69	19.55		

DSI 3

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.17	28.11	28.06	29.50	19.17	19.11	19.06	20.50
GPRS 1 Tx slot	28.15	28.10	28.04	29.50	19.15	19.10	19.04	20.50
GPRS 2 Tx slots	25.83	25.77	25.68	27.50	19.83	19.77	19.68	21.50
GPRS 3 Tx slots	24.20	24.16	24.13	26.00	19.94	19.90	19.87	21.74
GPRS 4 Tx slots	23.58	23.52	23.51	25.50	20.58	20.52	20.51	22.50
EDGE(GMSK 1 Tx slot)	28.11	28.05	28.03	29.50	19.11	19.05	19.03	20.50
EDGE(GMSK 2 Tx slots)	25.80	25.74	25.66	27.50	19.80	19.74	19.66	21.50
EDGE(GMSK 3 Tx slots)	24.15	24.14	24.09	26.00	19.89	19.88	19.83	21.74
EDGE(GMSK 4 Tx slots)	23.54	23.50	23.44	25.50	20.54	20.50	20.44	22.50
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	30.50	30.43	30.31	31.50	24.50	24.43	24.31	25.50
GPRS 3 Tx slots	28.22	28.01	27.83	29.50	23.96	23.75	23.57	25.24
GPRS 4 Tx slots	26.95	26.73	26.51	28.00	23.95	23.73	23.51	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	30.35	30.34	30.25	31.50	24.35	24.34	24.25	25.50
EDGE(GMSK 3 Tx slots)	28.14	27.99	27.79	29.50	23.88	23.73	23.53	25.24
EDGE(GMSK 4 Tx slots)	26.75	26.73	26.43	28.00	23.75	23.73	23.43	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.67	29.75	29.66	30.40	20.67	20.75	20.66	21.40
GPRS 1 Tx slot	29.65	29.74	29.63	30.40	20.65	20.74	20.63	21.40
GPRS 2 Tx slots	28.00	28.04	27.96	28.40	22.00	22.04	21.96	22.40
GPRS 3 Tx slots	25.28	25.31	25.25	25.50	21.02	21.05	20.99	21.24
GPRS 4 Tx slots	24.77	24.85	24.78	25.40	21.77	21.85	21.78	22.40
EDGE(GMSK 1 Tx slot)	29.62	29.69	29.58	30.40	20.62	20.69	20.58	21.40
EDGE(GMSK 2 Tx slots)	27.95	28.00	27.95	28.40	21.95	22.00	21.95	22.40
EDGE(GMSK 3 Tx slots)	25.27	25.29	25.24	25.50	21.01	21.03	20.98	21.24
EDGE(GMSK 4 Tx slots)	24.72	24.82	24.75	25.40	21.72	21.82	21.75	22.40
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.40	20.41	20.52	21.50
3GPP Rel 99	RMC 12.2Kbps	20.51	20.44	20.53	21.50
3GPP Rel 6	HSDPA Subtest-1	19.21	19.20	19.42	20.50
3GPP Rel 6	HSDPA Subtest-2	19.26	19.22	19.46	20.50
3GPP Rel 6	HSDPA Subtest-3	18.77	18.65	18.90	20.00
3GPP Rel 6	HSDPA Subtest-4	18.75	18.77	18.93	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.09	19.04	19.31	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.14	18.99	19.33	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.56	18.54	18.79	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.52	18.50	18.85	20.00
3GPP Rel 6	HSUPA Subtest-1	19.30	19.26	19.54	20.50
3GPP Rel 6	HSUPA Subtest-2	17.32	17.28	17.51	18.50
3GPP Rel 6	HSUPA Subtest-3	18.35	18.35	18.53	19.50
3GPP Rel 6	HSUPA Subtest-4	17.29	17.25	17.49	18.50
3GPP Rel 6	HSUPA Subtest-5	19.26	19.31	19.46	20.50

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	23.37	23.51	23.33	24.00	23.27	23.41	23.37	24.50	23.12	23.09	23.15	24.50
3GPP Rel 99	RMC 12.2Kbps	23.42	23.57	23.41	24.00	23.35	23.47	23.40	24.50	23.18	23.14	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	22.54	22.61	22.53	23.00	22.41	22.53	22.56	23.50	22.18	22.23	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.63	22.52	23.00	22.39	22.53	22.59	23.50	22.20	22.28	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	22.07	22.19	22.03	22.50	21.91	22.02	22.05	23.00	21.70	21.75	21.88	23.00
3GPP Rel 6	HSDPA Subtest-4	22.01	22.11	22.03	22.50	21.89	22.02	22.07	23.00	21.71	21.76	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.49	22.57	22.48	23.00	22.40	22.39	22.49	23.50	22.18	22.05	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.48	22.55	22.37	23.00	22.19	22.39	22.53	23.50	22.14	22.20	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	22.05	21.92	22.50	21.85	21.90	21.91	23.00	21.51	21.72	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.94	22.02	21.87	22.50	21.72	21.97	21.93	23.00	21.55	21.69	21.77	23.00
3GPP Rel 6	HSUPA Subtest-1	22.57	22.71	22.62	23.00	22.36	22.57	22.60	23.50	22.08	22.23	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.66	20.53	21.00	20.32	20.55	20.64	21.50	20.09	20.22	20.29	21.50
3GPP Rel 6	HSUPA Subtest-3	21.53	21.66	21.61	22.00	21.34	21.57	21.65	22.50	21.08	21.16	21.30	22.50
3GPP Rel 6	HSUPA Subtest-4	20.55	20.72	20.54	21.00	20.44	20.57	20.62	21.50	20.17	20.15	20.29	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.60	23.00	22.30	22.60	22.60	23.50	22.20	22.20	22.30	23.50

Band 2_Ant 31

BW [MHz]	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	23.07	23.12	23.08	24	0
20	QPSK	1	49	23.14	23.31	23.28		
20	QPSK	1	99	22.89	22.93	22.91		
20	QPSK	50	0	22.09	22.33	22.32	23	1
20	QPSK	50	24	22.28	22.43	22.39		
20	QPSK	50	50	21.94	22.31	22.19		
20	QPSK	100	0	21.99	22.21	22.20		
20	16QAM	1	0	22.28	22.30	22.37	23	1
20	16QAM	1	49	21.96	21.98	21.92		
20	16QAM	1	99	22.05	22.12	22.04		
20	16QAM	50	0	20.98	21.11	21.18	22	2
20	16QAM	50	24	21.05	21.28	21.14		
20	16QAM	50	50	20.99	21.14	20.86		
20	16QAM	100	0	20.91	21.06	21.20		
20	64QAM	1	0	21.46	21.22	21.45	22	2
20	64QAM	1	49	21.10	21.04	21.29		
20	64QAM	1	99	21.19	21.50	21.22		
20	64QAM	50	0	20.08	20.25	20.22	21	3
20	64QAM	50	24	20.16	20.35	20.31		
20	64QAM	50	50	19.89	20.04	19.89		
20	64QAM	100	0	20.02	20.21	20.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.00	23.10	23.11	24	0
15	QPSK	1	37	23.15	22.96	23.10		
15	QPSK	1	74	22.70	23.12	22.97		
15	QPSK	36	0	21.97	22.39	22.24	23	1
15	QPSK	36	20	22.06	22.47	22.41		
15	QPSK	36	39	21.99	22.26	22.03		
15	QPSK	75	0	22.07	22.30	22.17		
15	16QAM	1	0	22.38	22.43	22.44	23	1
15	16QAM	1	37	22.09	21.99	22.04		
15	16QAM	1	74	22.12	22.28	22.11		
15	16QAM	36	0	21.00	21.24	21.27	22	2
15	16QAM	36	20	21.11	21.41	21.27		
15	16QAM	36	39	21.04	21.20	21.02		
15	16QAM	75	0	20.96	21.19	21.24		
15	64QAM	1	0	21.55	21.23	21.47	22	2
15	64QAM	1	37	21.15	21.09	21.42		
15	64QAM	1	74	21.17	21.58	21.20		
15	64QAM	36	0	20.07	20.32	20.28	21	3
15	64QAM	36	20	20.06	20.42	20.30		
15	64QAM	36	39	20.05	20.24	20.30		
15	64QAM	75	0	19.99	20.24	20.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.12	23.01	23.15	24	0
10	QPSK	1	25	23.12	23.11	22.97		
10	QPSK	1	49	23.12	23.11	23.09		
10	QPSK	25	0	22.18	22.32	22.22	23	1
10	QPSK	25	12	22.15	22.31	22.41		
10	QPSK	25	25	22.21	22.31	22.21		
10	QPSK	50	0	22.10	22.33	22.18		
10	16QAM	1	0	22.42	22.27	22.30	23	1
10	16QAM	1	25	22.46	22.17	22.17		
10	16QAM	1	49	22.33	22.59	22.61		
10	16QAM	25	0	21.13	21.17	21.30	22	2
10	16QAM	25	12	21.13	21.38	21.16		
10	16QAM	25	25	21.20	21.33	21.08		
10	16QAM	50	0	21.16	21.42	21.21		
10	64QAM	1	0	21.34	21.16	21.30	22	2
10	64QAM	1	25	21.43	20.93	21.34		
10	64QAM	1	49	21.36	21.34	21.34		
10	64QAM	25	0	20.14	20.32	20.16	21	3
10	64QAM	25	12	20.16	20.38	20.17		
10	64QAM	25	25	20.14	20.41	20.18		
10	64QAM	50	0	20.14	20.29	20.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.05	23.09	23.00	24	0
5	QPSK	1	12	23.10	23.10	23.09		
5	QPSK	1	24	23.10	23.08	22.92		
5	QPSK	12	0	22.37	22.30	22.12	23	1
5	QPSK	12	7	22.06	22.34	22.21		
5	QPSK	12	13	22.12	22.23	22.14		
5	QPSK	25	0	22.16	22.35	22.28		
5	16QAM	1	0	22.36	22.60	22.52	23	1
5	16QAM	1	12	22.77	22.74	22.65		
5	16QAM	1	24	22.60	22.37	22.34		
5	16QAM	12	0	21.18	21.39	21.35	22	2
5	16QAM	12	7	21.21	21.39	21.22		
5	16QAM	12	13	21.18	21.37	21.17		
5	16QAM	25	0	21.18	21.49	21.23		
5	64QAM	1	0	21.07	21.40	21.49	22	2
5	64QAM	1	12	21.09	21.15	21.54		
5	64QAM	1	24	21.32	21.42	21.39		
5	64QAM	12	0	20.39	20.42	20.36	21	3
5	64QAM	12	7	20.26	20.48	20.33		
5	64QAM	12	13	20.19	20.42	20.19		
5	64QAM	25	0	20.27	20.46	20.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.99	23.06	22.98	24	0
3	QPSK	1	8	22.97	22.81	22.94		
3	QPSK	1	14	22.59	23.02	22.99		
3	QPSK	8	0	21.80	22.19	22.22	23	1
3	QPSK	8	4	22.00	22.23	22.27		
3	QPSK	8	7	21.98	22.26	22.01		
3	QPSK	15	0	22.02	22.13	22.05		
3	16QAM	1	0	22.34	22.37	22.33	23	1
3	16QAM	1	8	22.05	22.00	21.92		
3	16QAM	1	14	22.12	22.22	22.10		
3	16QAM	8	0	21.01	21.21	21.22	22	2
3	16QAM	8	4	21.04	21.26	21.26		
3	16QAM	8	7	21.01	21.15	20.95		
3	16QAM	15	0	20.94	21.01	21.21		
3	64QAM	1	0	21.42	21.07	21.39	22	2
3	64QAM	1	8	21.17	21.06	21.24		
3	64QAM	1	14	21.03	21.40	21.17		
3	64QAM	8	0	19.92	20.25	20.22	21	3
3	64QAM	8	4	19.98	20.26	20.31		
3	64QAM	8	7	20.06	20.08	20.16		
3	64QAM	15	0	19.98	20.07	19.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.93	23.11	22.97	24	0
1.4	QPSK	1	3	23.08	22.91	22.96		
1.4	QPSK	1	5	22.69	23.10	22.80		
1.4	QPSK	3	0	23.00	23.11	22.99		
1.4	QPSK	3	1	23.15	22.99	23.02		
1.4	QPSK	3	3	22.79	22.94	22.96		
1.4	QPSK	6	0	21.96	22.31	22.07	23	1
1.4	16QAM	1	0	22.36	22.28	22.18	23	1
1.4	16QAM	1	3	22.04	21.96	22.03		
1.4	16QAM	1	5	22.19	22.28	22.08		
1.4	16QAM	3	0	22.24	22.34	22.32		
1.4	16QAM	3	1	22.02	21.89	21.94		
1.4	16QAM	3	3	22.16	22.17	21.94		
1.4	16QAM	6	0	20.83	21.02	21.07	22	2
1.4	64QAM	1	0	21.36	21.15	21.38	22	2
1.4	64QAM	1	3	21.10	21.06	21.26		
1.4	64QAM	1	5	21.09	21.49	21.14		
1.4	64QAM	3	0	21.27	21.22	21.28		
1.4	64QAM	3	1	21.03	21.10	21.25		
1.4	64QAM	3	3	21.04	21.21	21.12		
1.4	64QAM	6	0	20.01	20.10	20.17	21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.59	22.72	22.68	24	0
20	QPSK	1	49	22.72	22.82	22.78		
20	QPSK	1	99	22.54	22.74	22.63		
20	QPSK	50	0	21.62	21.70	21.67	23	1
20	QPSK	50	24	21.64	21.75	21.68		
20	QPSK	50	50	21.60	21.70	21.67		
20	QPSK	100	0	21.60	21.73	21.70		
20	16QAM	1	0	21.52	21.62	21.70	23	1
20	16QAM	1	49	21.72	21.64	21.85		
20	16QAM	1	99	21.61	21.66	21.73		
20	16QAM	50	0	20.52	20.61	20.73	22	2
20	16QAM	50	24	20.74	20.67	20.71		
20	16QAM	50	50	20.69	20.74	20.69		
20	16QAM	100	0	20.44	20.63	20.73		
20	64QAM	1	0	20.56	20.55	20.63	22	2
20	64QAM	1	49	20.85	20.98	20.89		
20	64QAM	1	99	20.65	20.79	21.00		
20	64QAM	50	0	19.58	19.56	19.61	21	3
20	64QAM	50	24	19.70	19.70	19.67		
20	64QAM	50	50	19.57	19.70	19.70		
20	64QAM	100	0	19.45	19.65	19.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.61	22.73	22.53	24	0
15	QPSK	1	37	22.65	22.65	22.65		
15	QPSK	1	74	22.46	22.74	22.55		
15	QPSK	36	0	21.47	21.54	21.63	23	1
15	QPSK	36	20	21.63	21.61	21.56		
15	QPSK	36	39	21.56	21.60	21.55		
15	QPSK	75	0	21.44	21.73	21.68		
15	16QAM	1	0	21.47	21.57	21.69	23	1
15	16QAM	1	37	21.74	21.56	21.80		
15	16QAM	1	74	21.54	21.56	21.65		
15	16QAM	36	0	20.42	20.63	20.57	22	2
15	16QAM	36	20	20.72	20.59	20.69		
15	16QAM	36	39	20.59	20.67	20.71		
15	16QAM	75	0	20.41	20.57	20.74		
15	64QAM	1	0	20.52	20.53	20.54	22	2
15	64QAM	1	37	20.84	20.82	20.81		
15	64QAM	1	74	20.65	20.77	20.87		
15	64QAM	36	0	19.60	19.52	19.50	21	3
15	64QAM	36	20	19.53	19.57	19.55		
15	64QAM	36	39	19.39	19.60	19.64		
15	64QAM	75	0	19.27	19.54	19.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.52	22.71	22.68	24	0
10	QPSK	1	25	22.73	22.80	22.69		
10	QPSK	1	49	22.46	22.67	22.63		
10	QPSK	25	0	21.46	21.52	21.62	23	1
10	QPSK	25	12	21.61	21.69	21.61		
10	QPSK	25	25	21.44	21.69	21.61		
10	QPSK	50	0	21.62	21.75	21.52		
10	16QAM	1	0	21.42	21.45	21.72	23	1
10	16QAM	1	25	21.73	21.58	21.74		
10	16QAM	1	49	21.55	21.49	21.60		
10	16QAM	25	0	20.50	20.62	20.67	22	2
10	16QAM	25	12	20.71	20.56	20.54		
10	16QAM	25	25	20.53	20.59	20.59		
10	16QAM	50	0	20.32	20.46	20.73		
10	64QAM	1	0	20.56	20.51	20.65	22	2
10	64QAM	1	25	20.75	20.92	20.73		
10	64QAM	1	49	20.52	20.69	20.83		
10	64QAM	25	0	19.51	19.46	19.44	21	3
10	64QAM	25	12	19.58	19.65	19.56		
10	64QAM	25	25	19.39	19.63	19.65		
10	64QAM	50	0	19.44	19.48	19.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.41	22.67	22.60	24	0
5	QPSK	1	12	22.59	22.64	22.79		
5	QPSK	1	24	22.54	22.62	22.61		
5	QPSK	12	0	21.49	21.70	21.51	23	1
5	QPSK	12	7	21.55	21.57	21.50		
5	QPSK	12	13	21.42	21.68	21.66		
5	QPSK	25	0	21.47	21.57	21.58		
5	16QAM	1	0	21.42	21.60	21.72	23	1
5	16QAM	1	12	21.65	21.54	21.74		
5	16QAM	1	24	21.45	21.50	21.72		
5	16QAM	12	0	20.46	20.45	20.74	22	2
5	16QAM	12	7	20.73	20.55	20.56		
5	16QAM	12	13	20.62	20.69	20.51		
5	16QAM	25	0	20.44	20.63	20.57		
5	64QAM	1	0	20.38	20.53	20.51	22	2
5	64QAM	1	12	20.84	20.84	20.87		
5	64QAM	1	24	20.58	20.81	20.78		
5	64QAM	12	0	19.52	19.50	19.50	21	3
5	64QAM	12	7	19.62	19.66	19.66		
5	64QAM	12	13	19.49	19.56	19.61		
5	64QAM	25	0	19.27	19.47	19.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.50	22.54	22.50	24	0
3	QPSK	1	8	22.62	22.66	22.69		
3	QPSK	1	14	22.45	22.72	22.49		
3	QPSK	8	0	21.51	21.59	21.66	23	1
3	QPSK	8	4	21.62	21.68	21.66		
3	QPSK	8	7	21.51	21.68	21.63		
3	QPSK	15	0	21.52	21.58	21.63		
3	16QAM	1	0	21.36	21.61	21.59	23	1
3	16QAM	1	8	21.56	21.60	21.73		
3	16QAM	1	14	21.60	21.53	21.68		
3	16QAM	8	0	20.53	20.63	20.61	22	2
3	16QAM	8	4	20.70	20.60	20.72		
3	16QAM	8	7	20.56	20.58	20.69		
3	16QAM	15	0	20.43	20.63	20.67		
3	64QAM	1	0	20.45	20.50	20.65	22	2
3	64QAM	1	8	20.83	20.86	20.74		
3	64QAM	1	14	20.65	20.65	20.67		
3	64QAM	8	0	19.44	19.51	19.47	21	3
3	64QAM	8	4	19.53	19.56	19.59		
3	64QAM	8	7	19.39	19.54	19.63		
3	64QAM	15	0	19.32	19.63	19.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.46	22.57	22.53	24	0
1.4	QPSK	1	3	22.55	22.67	22.62		
1.4	QPSK	1	5	22.46	22.73	22.54		
1.4	QPSK	3	0	22.58	22.68	22.53		
1.4	QPSK	3	1	22.51	22.65	22.54		
1.4	QPSK	3	3	22.62	22.67	22.64		
1.4	QPSK	6	0	21.56	21.66	21.67	23	1
1.4	16QAM	1	0	21.53	21.46	21.64	23	1
1.4	16QAM	1	3	21.67	21.53	21.71		
1.4	16QAM	1	5	21.59	21.62	21.55		
1.4	16QAM	3	0	21.52	21.46	21.60		
1.4	16QAM	3	1	21.73	21.63	21.63		
1.4	16QAM	3	3	21.85	21.69	21.69		
1.4	16QAM	6	0	20.38	20.54	20.61	22	2
1.4	64QAM	1	0	20.41	20.41	20.61	22	2
1.4	64QAM	1	3	20.70	20.74	20.78		
1.4	64QAM	1	5	20.50	20.76	20.87		
1.4	64QAM	3	0	20.55	20.48	20.50		
1.4	64QAM	3	1	20.56	20.57	20.52		
1.4	64QAM	3	3	20.40	20.63	20.56		
1.4	64QAM	6	0	19.38	19.52	19.82	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.91	20.07	19.89	21	0
10	QPSK	1	25	19.89	20.12	20.06		
10	QPSK	1	49	19.91	20.05	20.05		
10	QPSK	25	0	19.73	19.90	19.82	21	0
10	QPSK	25	12	19.72	19.97	19.92		
10	QPSK	25	25	19.85	19.93	19.88		
10	QPSK	50	0	19.78	19.93	19.88		
10	16QAM	1	0	20.08	20.05	20.08	21	0
10	16QAM	1	25	19.96	19.88	19.88		
10	16QAM	1	49	20.04	20.02	20.04		
10	16QAM	25	0	19.75	19.97	19.80	21	0
10	16QAM	25	12	19.73	20.08	19.78		
10	16QAM	25	25	19.90	20.03	19.96		
10	16QAM	50	0	19.83	20.03	19.76		
10	64QAM	1	0	20.09	20.11	20.00	21	0
10	64QAM	1	25	20.05	20.05	19.97		
10	64QAM	1	49	20.06	20.07	20.05		
10	64QAM	25	0	19.77	19.83	19.68	21	0
10	64QAM	25	12	19.85	20.04	19.87		
10	64QAM	25	25	19.72	20.05	19.89		
10	64QAM	50	0	19.77	19.97	19.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.86	20.04	19.82	21	0
5	QPSK	1	12	19.76	20.04	20.04		
5	QPSK	1	24	19.87	19.99	20.03		
5	QPSK	12	0	19.65	19.81	19.78	21	0
5	QPSK	12	7	19.65	19.89	19.81		
5	QPSK	12	13	19.73	19.80	19.75		
5	QPSK	25	0	19.73	19.82	19.81		
5	16QAM	1	0	20.01	19.95	20.04	21	0
5	16QAM	1	12	19.93	19.79	19.84		
5	16QAM	1	24	19.98	19.99	20.01		
5	16QAM	12	0	19.72	19.94	19.72	21	0
5	16QAM	12	7	19.71	19.98	19.76		
5	16QAM	12	13	19.83	19.96	19.89		
5	16QAM	25	0	19.75	19.95	19.72		
5	64QAM	1	0	20.00	20.04	19.87	21	0
5	64QAM	1	12	19.95	19.93	19.86		
5	64QAM	1	24	20.03	20.00	19.98		
5	64QAM	12	0	19.66	19.71	19.63	21	0
5	64QAM	12	7	19.81	19.98	19.78		
5	64QAM	12	13	19.66	19.93	19.85		
5	64QAM	25	0	19.65	19.91	19.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.88	20.01	19.86	21	0
3	QPSK	1	8	19.77	20.07	19.98		
3	QPSK	1	14	19.79	19.98	19.99		
3	QPSK	8	0	19.65	19.78	19.72	21	0
3	QPSK	8	4	19.64	19.86	19.90		
3	QPSK	8	7	19.77	19.81	19.84		
3	QPSK	15	0	19.70	19.91	19.78		
3	16QAM	1	0	20.03	19.96	20.03	21	0
3	16QAM	1	8	19.83	19.83	19.80		
3	16QAM	1	14	19.95	19.95	20.01		
3	16QAM	8	0	19.67	19.88	19.68	21	0
3	16QAM	8	4	19.70	20.06	19.68		
3	16QAM	8	7	19.84	19.99	19.94		
3	16QAM	15	0	19.78	19.98	19.74		
3	64QAM	1	0	19.96	20.08	19.90	21	0
3	64QAM	1	8	20.01	19.98	19.85		
3	64QAM	1	14	20.00	19.98	19.95		
3	64QAM	8	0	19.71	19.73	19.61	21	0
3	64QAM	8	4	19.75	20.02	19.84		
3	64QAM	8	7	19.59	20.03	19.78		
3	64QAM	15	0	19.67	19.89	19.69		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.84	20.04	19.86	21	0
1.4	QPSK	1	3	19.83	20.09	19.98		
1.4	QPSK	1	5	19.82	19.95	19.96		
1.4	QPSK	3	0	19.67	19.86	19.71		
1.4	QPSK	3	1	19.59	19.84	19.88		
1.4	QPSK	3	3	19.73	19.87	19.80		
1.4	QPSK	6	0	19.68	19.85	19.77	21	0
1.4	16QAM	1	0	19.95	20.01	19.96	21	0
1.4	16QAM	1	3	19.89	19.85	19.82		
1.4	16QAM	1	5	19.95	19.89	19.91		
1.4	16QAM	3	0	19.65	19.91	19.68		
1.4	16QAM	3	1	19.61	20.00	19.67		
1.4	16QAM	3	3	19.84	19.97	19.86		
1.4	16QAM	6	0	19.78	19.93	19.64	21	0
1.4	64QAM	1	0	20.02	19.99	19.90	21	0
1.4	64QAM	1	3	19.96	19.96	19.91		
1.4	64QAM	1	5	19.95	20.01	19.99		
1.4	64QAM	3	0	19.74	19.76	19.56		
1.4	64QAM	3	1	19.76	20.01	19.79		
1.4	64QAM	3	3	19.66	19.93	19.79		
1.4	64QAM	6	0	19.71	19.84	19.77	21	0

Band 5_Ant 31

BW [MHz]	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	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	3

Band 7_Ant 31

BW [MHz]	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	22.82	23.04	22.71	24	0
20	QPSK	1	49	22.94	23.19	22.89		
20	QPSK	1	99	22.71	22.78	22.70		
20	QPSK	50	0	21.80	22.06	21.78	23	1
20	QPSK	50	24	22.15	22.16	22.03		
20	QPSK	50	50	21.89	22.14	22.07		
20	QPSK	100	0	22.08	22.12	22.04		
20	16QAM	1	0	21.91	21.83	21.99	23	1
20	16QAM	1	49	21.88	22.14	21.83		
20	16QAM	1	99	21.78	21.72	21.97		
20	16QAM	50	0	21.14	20.99	20.75	22	2
20	16QAM	50	24	20.92	21.11	21.09		
20	16QAM	50	50	20.90	21.08	21.17		
20	16QAM	100	0	20.90	20.99	20.92		
20	64QAM	1	0	20.94	20.94	20.77	22	2
20	64QAM	1	49	20.75	21.23	21.19		
20	64QAM	1	99	20.97	20.81	20.86		
20	64QAM	50	0	19.88	20.09	19.76	21	3
20	64QAM	50	24	20.03	20.03	19.77		
20	64QAM	50	50	19.82	20.06	20.10		
20	64QAM	100	0	19.90	19.97	19.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.69	23.06	22.67	24	0
15	QPSK	1	37	22.86	23.12	22.91		
15	QPSK	1	74	22.73	22.77	22.68		
15	QPSK	36	0	21.71	21.93	21.74	23	1
15	QPSK	36	20	22.13	22.16	22.01		
15	QPSK	36	39	21.88	22.00	22.01		
15	QPSK	75	0	22.06	22.02	21.86		
15	16QAM	1	0	21.91	21.83	21.85	23	1
15	16QAM	1	37	21.75	22.00	21.84		
15	16QAM	1	74	21.64	21.64	21.98		
15	16QAM	36	0	21.12	20.92	20.70	22	2
15	16QAM	36	20	20.76	21.01	21.05		
15	16QAM	36	39	20.90	20.98	21.08		
15	16QAM	75	0	20.86	20.96	20.94		
15	64QAM	1	0	20.82	20.92	20.61	22	2
15	64QAM	1	37	20.61	21.06	21.01		
15	64QAM	1	74	20.97	20.83	20.72		
15	64QAM	36	0	19.77	20.00	19.74	21	3
15	64QAM	36	20	19.94	20.02	19.79		
15	64QAM	36	39	19.70	20.07	20.00		
15	64QAM	75	0	19.85	19.80	19.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.72	22.90	22.61	24	0
10	QPSK	1	25	22.83	23.09	22.74		
10	QPSK	1	49	22.76	22.78	22.60		
10	QPSK	25	0	21.80	21.94	21.64	23	1
10	QPSK	25	12	22.08	22.02	21.99		
10	QPSK	25	25	21.71	22.08	22.02		
10	QPSK	50	0	22.10	22.05	21.87		
10	16QAM	1	0	21.91	21.65	21.91	23	1
10	16QAM	1	25	21.70	21.96	21.68		
10	16QAM	1	49	21.76	21.62	21.97		
10	16QAM	25	0	21.00	20.87	20.65	22	2
10	16QAM	25	12	20.78	21.11	21.11		
10	16QAM	25	25	20.72	21.01	21.01		
10	16QAM	50	0	20.74	21.00	20.90		
10	64QAM	1	0	20.92	20.88	20.60	22	2
10	64QAM	1	25	20.58	21.08	21.07		
10	64QAM	1	49	20.82	20.83	20.72		
10	64QAM	25	0	19.74	19.93	19.66	21	3
10	64QAM	25	12	19.94	19.98	19.73		
10	64QAM	25	25	19.79	20.03	19.98		
10	64QAM	50	0	19.89	19.83	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.77	22.96	22.63	24	0
5	QPSK	1	12	22.84	23.10	22.75		
5	QPSK	1	24	22.71	22.69	22.72		
5	QPSK	12	0	21.70	21.88	21.80	23	1
5	QPSK	12	7	22.08	22.18	22.01		
5	QPSK	12	13	21.74	22.07	21.96		
5	QPSK	25	0	21.95	21.97	21.90		
5	16QAM	1	0	21.92	21.84	21.94	23	1
5	16QAM	1	12	21.87	22.09	21.77		
5	16QAM	1	24	21.61	21.74	21.85		
5	16QAM	12	0	21.05	20.84	20.73	22	2
5	16QAM	12	7	20.87	21.04	20.98		
5	16QAM	12	13	20.79	21.03	21.15		
5	16QAM	25	0	20.74	20.97	20.94		
5	64QAM	1	0	20.94	20.93	20.79	22	2
5	64QAM	1	12	20.70	21.18	21.16		
5	64QAM	1	24	20.82	20.78	20.86		
5	64QAM	12	0	19.85	19.97	19.70	21	3
5	64QAM	12	7	19.88	20.02	19.79		
5	64QAM	12	13	19.79	19.89	19.98		
5	64QAM	25	0	19.82	19.98	19.77		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		21.11		22	0
10	QPSK	1	25		21.15			
10	QPSK	1	49		21.10			
10	QPSK	25	0		20.86		22	0
10	QPSK	25	12		20.93			
10	QPSK	25	25		20.71			
10	QPSK	50	0		20.91			
10	16QAM	1	0		21.11		22	0
10	16QAM	1	25		20.72			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.75		22	0
10	16QAM	25	12		20.79			
10	16QAM	25	25		20.68			
10	16QAM	50	0		20.72			
10	64QAM	1	0		21.11		22	0
10	64QAM	1	25		21.00			
10	64QAM	1	49		20.99			
10	64QAM	25	0		19.70		21	1
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.87			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.08	21.07	21.09	22	0
5	QPSK	1	12	21.02	21.06	21.06		
5	QPSK	1	24	20.97	20.99	21.02		
5	QPSK	12	0	20.79	20.79	20.75	22	0
5	QPSK	12	7	20.82	20.90	20.91		
5	QPSK	12	13	20.68	20.65	20.66		
5	QPSK	25	0	20.87	20.89	20.88		
5	16QAM	1	0	20.99	20.98	21.04	22	0
5	16QAM	1	12	20.63	20.62	20.68		
5	16QAM	1	24	20.97	20.87	20.92		
5	16QAM	12	0	20.63	20.70	20.69	22	0
5	16QAM	12	7	20.75	20.74	20.68		
5	16QAM	12	13	20.56	20.65	20.56		
5	16QAM	25	0	20.63	20.65	20.68		
5	64QAM	1	0	21.04	21.03	21.09	22	0
5	64QAM	1	12	20.97	20.89	20.87		
5	64QAM	1	24	20.94	20.86	20.89		
5	64QAM	12	0	19.64	19.57	19.66	21	1
5	64QAM	12	7	19.81	19.82	19.78		
5	64QAM	12	13	19.60	19.56	19.54		
5	64QAM	25	0	19.77	19.78	19.76		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.05	20.22	20.01	21	0
15	QPSK	1	37	20.13	20.27	20.18		
15	QPSK	1	74	20.24	20.17	20.12		
15	QPSK	36	0	20.18	20.18	20.14	21	0
15	QPSK	36	20	20.19	20.25	20.23		
15	QPSK	36	39	20.02	20.08	19.79		
15	QPSK	75	0	20.21	20.22	20.11		
15	16QAM	1	0	20.21	20.24	20.20	21	0
15	16QAM	1	37	20.23	20.21	20.17		
15	16QAM	1	74	20.22	20.24	20.24		
15	16QAM	36	0	20.22	20.15	20.21	21	0
15	16QAM	36	20	20.14	20.24	20.04		
15	16QAM	36	39	19.98	19.93	19.92		
15	16QAM	75	0	20.16	20.02	19.89		
15	64QAM	1	0	20.19	20.23	20.20	21	0
15	64QAM	1	37	20.11	20.18	19.87		
15	64QAM	1	74	20.22	20.25	20.13		
15	64QAM	36	0	20.22	20.17	20.22	21	0
15	64QAM	36	20	20.17	19.93	19.95		
15	64QAM	36	39	19.92	19.82	19.89		
15	64QAM	75	0	20.10	19.89	19.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.97	20.18	19.98	21	0
10	QPSK	1	25	20.03	20.21	20.06		
10	QPSK	1	49	20.16	20.07	20.04		
10	QPSK	25	0	20.07	20.11	20.02	21	0
10	QPSK	25	12	20.14	20.21	20.18		
10	QPSK	25	25	19.89	20.03	19.76		
10	QPSK	50	0	20.15	20.17	20.02		
10	16QAM	1	0	20.08	20.20	20.15	21	0
10	16QAM	1	25	20.12	20.10	20.05		
10	16QAM	1	49	20.10	20.19	20.13		
10	16QAM	25	0	20.09	20.09	20.18	21	0
10	16QAM	25	12	20.01	20.15	19.99		
10	16QAM	25	25	19.92	19.81	19.86		
10	16QAM	50	0	20.03	19.93	19.86		
10	64QAM	1	0	20.08	20.11	20.17	21	0
10	64QAM	1	25	19.98	20.11	19.80		
10	64QAM	1	49	20.13	20.13	20.03		
10	64QAM	25	0	20.16	20.11	20.11	21	0
10	64QAM	25	12	20.07	19.88	19.82		
10	64QAM	25	25	19.88	19.77	19.87		
10	64QAM	50	0	20.06	19.76	19.76		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.00	20.15	19.97	21	0
5	QPSK	1	12	20.02	20.22	20.11		
5	QPSK	1	24	20.14	20.07	19.99		
5	QPSK	12	0	20.09	20.07	20.03	21	0
5	QPSK	12	7	20.16	20.12	20.10		
5	QPSK	12	13	19.99	19.97	19.76		
5	QPSK	25	0	20.19	20.16	20.06		
5	16QAM	1	0	20.19	20.12	20.10	21	0
5	16QAM	1	12	20.12	20.08	20.10		
5	16QAM	1	24	20.13	20.12	20.15		
5	16QAM	12	0	20.12	20.12	20.14	21	0
5	16QAM	12	7	20.11	20.16	19.92		
5	16QAM	12	13	19.88	19.88	19.79		
5	16QAM	25	0	20.14	19.95	19.87		
5	64QAM	1	0	20.09	20.16	20.14	21	0
5	64QAM	1	12	20.00	20.11	19.79		
5	64QAM	1	24	20.16	20.19	20.04		
5	64QAM	12	0	20.17	20.15	20.15	21	0
5	64QAM	12	7	20.10	19.88	19.86		
5	64QAM	12	13	19.90	19.75	19.81		
5	64QAM	25	0	20.05	19.79	19.78		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.01	20.14	19.97	21	0
3	QPSK	1	8	20.03	20.24	20.11		
3	QPSK	1	14	20.21	20.12	20.00		
3	QPSK	8	0	20.14	20.06	20.05	21	0
3	QPSK	8	4	20.06	20.16	20.21		
3	QPSK	8	7	19.91	20.01	19.72		
3	QPSK	15	0	20.13	20.12	20.04		
3	16QAM	1	0	20.08	20.12	20.11	21	0
3	16QAM	1	8	20.12	20.08	20.15		
3	16QAM	1	14	20.17	20.14	20.11		
3	16QAM	8	0	20.16	20.12	20.16	21	0
3	16QAM	8	4	20.02	20.11	19.96		
3	16QAM	8	7	19.96	19.88	19.82		
3	16QAM	15	0	20.05	19.97	19.87		
3	64QAM	1	0	20.12	20.19	20.07	21	0
3	64QAM	1	8	20.07	20.15	19.76		
3	64QAM	1	14	20.14	20.17	20.02		
3	64QAM	8	0	20.19	20.09	20.14	21	0
3	64QAM	8	4	20.05	19.85	19.90		
3	64QAM	8	7	19.84	19.75	19.86		
3	64QAM	15	0	20.02	19.81	19.75		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.02	20.18	19.97	21	0
1.4	QPSK	1	3	20.08	20.18	20.06		
1.4	QPSK	1	5	20.21	20.14	20.09		
1.4	QPSK	3	0	20.10	20.12	20.06		
1.4	QPSK	3	1	20.07	20.19	20.13		
1.4	QPSK	3	3	19.95	19.95	19.73		
1.4	QPSK	6	0	20.08	20.19	20.03	21	0
1.4	16QAM	1	0	20.19	20.15	20.08	21	0
1.4	16QAM	1	3	20.20	20.10	20.09		
1.4	16QAM	1	5	20.16	20.15	20.12		
1.4	16QAM	3	0	20.15	20.04	20.16		
1.4	16QAM	3	1	20.06	20.19	19.93		
1.4	16QAM	3	3	19.85	19.88	19.84		
1.4	16QAM	6	0	20.13	19.92	19.83	21	0
1.4	64QAM	1	0	20.06	20.20	20.16	21	0
1.4	64QAM	1	3	20.06	20.13	19.80		
1.4	64QAM	1	5	20.19	20.13	20.10		
1.4	64QAM	3	0	20.16	20.06	20.09		
1.4	64QAM	3	1	20.07	19.88	19.84		
1.4	64QAM	3	3	19.87	19.80	19.84		
1.4	64QAM	6	0	20.08	19.79	19.84	21	0

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BW [MHz]	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	23.21	23.36	23.24	24	0
15	QPSK	1	37	23.33	23.42	23.40		
15	QPSK	1	74	23.20	23.31	23.29		
15	QPSK	36	0	22.21	22.28	22.27	23	1
15	QPSK	36	20	22.25	22.31	22.28		
15	QPSK	36	39	22.05	22.21	22.16		
15	QPSK	75	0	22.10	22.28	22.26		
15	16QAM	1	0	22.33	22.51	22.50	23	1
15	16QAM	1	37	22.33	22.41	22.36		
15	16QAM	1	74	22.34	22.53	22.23		
15	16QAM	36	0	21.12	20.91	21.06	22	2
15	16QAM	36	20	21.05	20.98	21.21		
15	16QAM	36	39	21.27	20.89	21.22		
15	16QAM	75	0	21.21	20.99	21.20		
15	64QAM	1	0	21.38	21.47	21.23	22	2
15	64QAM	1	37	21.37	21.25	21.29		
15	64QAM	1	74	21.46	21.07	21.34		
15	64QAM	36	0	20.04	19.94	19.98	21	3
15	64QAM	36	20	20.06	19.87	20.13		
15	64QAM	36	39	19.91	19.84	20.16		
15	64QAM	75	0	20.06	19.93	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.33	23.35	23.29	24	0
10	QPSK	1	25	23.02	23.34	23.09		
10	QPSK	1	49	23.24	23.40	23.01		
10	QPSK	25	0	22.24	22.05	22.05	23	1
10	QPSK	25	12	22.19	21.94	22.16		
10	QPSK	25	25	22.14	22.14	22.21		
10	QPSK	50	0	22.07	22.07	22.19		
10	16QAM	1	0	22.39	22.50	22.61	23	1
10	16QAM	1	25	22.42	22.55	22.34		
10	16QAM	1	49	22.32	22.64	22.25		
10	16QAM	25	0	21.24	21.06	21.13	22	2
10	16QAM	25	12	21.22	21.05	21.26		
10	16QAM	25	25	21.29	21.07	21.22		
10	16QAM	50	0	21.28	20.98	21.23		
10	64QAM	1	0	21.54	21.47	21.27	22	2
10	64QAM	1	25	21.49	21.31	21.33		
10	64QAM	1	49	21.56	21.18	21.35		
10	64QAM	25	0	20.12	20.06	20.06	21	3
10	64QAM	25	12	20.22	19.95	20.17		
10	64QAM	25	25	20.09	19.97	20.20		
10	64QAM	50	0	20.11	19.97	20.11		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.06	23.15	23.15	24	0
5	QPSK	1	12	23.02	23.21	23.01		
5	QPSK	1	24	23.13	23.21	22.84		
5	QPSK	12	0	22.06	21.99	22.05	23	1
5	QPSK	12	7	22.19	21.85	22.01		
5	QPSK	12	13	22.05	21.97	22.13		
5	QPSK	25	0	22.09	22.06	22.20		
5	16QAM	1	0	22.40	22.32	22.46	23	1
5	16QAM	1	12	22.35	22.43	22.29		
5	16QAM	1	24	22.30	22.46	22.12		
5	16QAM	12	0	21.23	20.90	20.99	22	2
5	16QAM	12	7	21.05	20.88	21.16		
5	16QAM	12	13	21.13	20.97	21.04		
5	16QAM	25	0	21.29	20.94	21.10		
5	64QAM	1	0	21.54	21.40	21.25	22	2
5	64QAM	1	12	21.50	21.28	21.35		
5	64QAM	1	24	21.55	21.19	21.37		
5	64QAM	12	0	20.01	20.03	19.89	21	3
5	64QAM	12	7	20.21	19.82	20.03		
5	64QAM	12	13	20.06	19.97	20.21		
5	64QAM	25	0	19.93	19.82	19.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.27	22.96	23.03	24	0
3	QPSK	1	8	23.15	22.92	23.00		
3	QPSK	1	14	23.10	22.99	23.05		
3	QPSK	8	0	22.26	21.92	22.07	23	1
3	QPSK	8	4	22.15	22.06	22.13		
3	QPSK	8	7	22.16	22.19	22.10		
3	QPSK	15	0	22.15	21.92	22.06		
3	16QAM	1	0	22.35	22.11	22.22	23	1
3	16QAM	1	8	22.35	22.00	22.41		
3	16QAM	1	14	22.31	22.39	22.09		
3	16QAM	8	0	21.10	21.00	21.05	22	2
3	16QAM	8	4	21.26	21.08	21.05		
3	16QAM	8	7	21.24	20.99	21.05		
3	16QAM	15	0	20.99	21.02	21.19		
3	64QAM	1	0	21.16	21.12	21.38	22	2
3	64QAM	1	8	21.00	21.45	21.19		
3	64QAM	1	14	21.11	21.26	21.37		
3	64QAM	8	0	20.09	19.98	20.09	21	3
3	64QAM	8	4	20.32	20.10	20.06		
3	64QAM	8	7	20.20	20.12	20.17		
3	64QAM	15	0	19.98	19.98	20.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.15	22.84	22.95	24	0
1.4	QPSK	1	3	23.31	23.01	23.08		
1.4	QPSK	1	5	22.94	22.86	22.95		
1.4	QPSK	3	0	23.15	22.98	23.07		
1.4	QPSK	3	1	23.18	23.03	23.04		
1.4	QPSK	3	3	23.15	22.98	23.02		
1.4	QPSK	6	0	22.09	21.90	22.00	23	1
1.4	16QAM	1	0	22.36	22.00	22.23	23	1
1.4	16QAM	1	3	22.30	22.19	22.37		
1.4	16QAM	1	5	22.45	21.96	22.21		
1.4	16QAM	3	0	22.05	21.73	22.12		
1.4	16QAM	3	1	22.20	21.92	22.11		
1.4	16QAM	3	3	22.21	21.79	22.05		
1.4	16QAM	6	0	21.29	21.09	21.18	22	2
1.4	64QAM	1	0	21.38	21.30	21.06	22	2
1.4	64QAM	1	3	21.49	21.27	21.17		
1.4	64QAM	1	5	21.38	21.28	21.31		
1.4	64QAM	3	0	21.32	21.08	20.85		
1.4	64QAM	3	1	21.31	21.16	21.27		
1.4	64QAM	3	3	21.26	21.22	21.17		
1.4	64QAM	6	0	20.06	19.83	19.98	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.00	23.09	22.99	24	0
20	QPSK	1	49	23.12	23.16	23.03		
20	QPSK	1	99	22.74	22.87	22.72		
20	QPSK	50	0	21.96	22.06	21.70	23	1
20	QPSK	50	24	22.08	22.15	22.06		
20	QPSK	50	50	21.91	21.98	21.83		
20	QPSK	100	0	21.98	22.00	21.92		
20	16QAM	1	0	22.25	22.25	22.21	23	1
20	16QAM	1	49	22.06	22.27	22.03		
20	16QAM	1	99	22.33	21.92	21.91		
20	16QAM	50	0	20.97	21.06	21.09	22	2
20	16QAM	50	24	20.80	20.83	20.99		
20	16QAM	50	50	20.85	20.89	20.99		
20	16QAM	100	0	20.98	20.80	20.95		
20	64QAM	1	0	21.21	21.17	21.11	22	2
20	64QAM	1	49	21.05	20.87	21.23		
20	64QAM	1	99	21.00	20.91	21.10		
20	64QAM	50	0	19.97	19.95	19.86	21	3
20	64QAM	50	24	19.91	19.82	19.84		
20	64QAM	50	50	19.80	19.84	19.76		
20	64QAM	100	0	19.78	19.98	19.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.85	22.95	23.06	24	0
15	QPSK	1	37	22.87	22.84	22.56		
15	QPSK	1	74	22.80	22.92	22.73		
15	QPSK	36	0	21.78	21.88	21.95	23	1
15	QPSK	36	20	21.90	21.91	21.87		
15	QPSK	36	39	21.83	21.80	21.89		
15	QPSK	75	0	21.86	21.84	21.98		
15	16QAM	1	0	22.11	22.29	22.19	23	1
15	16QAM	1	37	22.15	22.24	21.91		
15	16QAM	1	74	22.18	22.05	22.04		
15	16QAM	36	0	21.02	21.04	20.97	22	2
15	16QAM	36	20	20.97	20.94	21.01		
15	16QAM	36	39	20.78	20.94	20.94		
15	16QAM	75	0	20.83	20.92	20.96		
15	64QAM	1	0	21.27	21.20	21.04	22	2
15	64QAM	1	37	21.24	20.77	21.12		
15	64QAM	1	74	20.86	20.99	20.98		
15	64QAM	36	0	20.10	19.87	19.99	21	3
15	64QAM	36	20	19.85	19.90	19.92		
15	64QAM	36	39	19.69	19.82	19.79		
15	64QAM	75	0	19.95	19.91	19.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.94	22.83	22.94	24	0
10	QPSK	1	25	23.05	22.84	22.70		
10	QPSK	1	49	22.71	22.74	22.68		
10	QPSK	25	0	21.69	21.98	21.87	23	1
10	QPSK	25	12	21.92	21.84	21.88		
10	QPSK	25	25	21.86	21.84	21.76		
10	QPSK	50	0	21.90	21.85	21.95		
10	16QAM	1	0	22.21	22.20	22.22	23	1
10	16QAM	1	25	22.07	22.26	21.92		
10	16QAM	1	49	22.26	22.07	22.06		
10	16QAM	25	0	21.08	20.90	20.97	22	2
10	16QAM	25	12	21.00	20.87	20.86		
10	16QAM	25	25	20.86	20.84	20.92		
10	16QAM	50	0	20.90	20.81	20.88		
10	64QAM	1	0	21.28	21.28	21.04	22	2
10	64QAM	1	25	21.06	20.87	21.25		
10	64QAM	1	49	20.85	20.84	21.04		
10	64QAM	25	0	20.09	19.95	20.00	21	3
10	64QAM	25	12	19.97	19.87	19.75		
10	64QAM	25	25	19.74	19.95	19.80		
10	64QAM	50	0	19.90	19.93	19.79		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	22.95	23.09	24	0
5	QPSK	1	12	23.04	23.01	22.71		
5	QPSK	1	24	22.89	22.90	22.81		
5	QPSK	12	0	21.87	21.97	21.95	23	1
5	QPSK	12	7	21.90	22.00	21.96		
5	QPSK	12	13	21.89	21.92	21.92		
5	QPSK	25	0	21.90	21.93	21.98		
5	16QAM	1	0	22.26	22.31	22.26	23	1
5	16QAM	1	12	22.16	22.36	22.04		
5	16QAM	1	24	22.31	22.09	22.09		
5	16QAM	12	0	21.06	21.05	21.09	22	2
5	16QAM	12	7	20.98	20.93	21.01		
5	16QAM	12	13	20.88	20.96	21.02		
5	16QAM	25	0	21.00	20.95	20.95		
5	64QAM	1	0	21.34	21.32	21.15	22	2
5	64QAM	1	12	21.23	20.94	21.29		
5	64QAM	1	24	21.01	21.01	21.16		
5	64QAM	12	0	20.12	20.00	20.01	21	3
5	64QAM	12	7	20.01	19.93	19.93		
5	64QAM	12	13	19.87	19.99	19.89		
5	64QAM	25	0	19.94	20.01	19.95		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	22.89	22.77	24	0
3	QPSK	1	8	22.82	22.67	23.10		
3	QPSK	1	14	22.92	22.84	22.79		
3	QPSK	8	0	21.93	22.06	22.06	23	1
3	QPSK	8	4	21.93	22.06	21.91		
3	QPSK	8	7	21.94	22.02	21.89		
3	QPSK	15	0	21.92	21.77	21.87		
3	16QAM	1	0	22.18	22.07	22.04	23	1
3	16QAM	1	8	22.13	22.32	22.49		
3	16QAM	1	14	22.31	22.25	22.10		
3	16QAM	8	0	21.00	21.12	20.95	22	2
3	16QAM	8	4	20.98	21.03	20.94		
3	16QAM	8	7	20.97	20.83	20.89		
3	16QAM	15	0	21.04	21.02	21.06		
3	64QAM	1	0	21.08	21.18	20.98	22	2
3	64QAM	1	8	21.20	21.27	21.26		
3	64QAM	1	14	20.96	20.97	20.92		
3	64QAM	8	0	19.88	20.02	19.95	21	3
3	64QAM	8	4	20.12	19.89	19.88		
3	64QAM	8	7	19.85	19.96	20.11		
3	64QAM	15	0	19.82	19.99	19.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	22.86	22.90	24	0
1.4	QPSK	1	3	22.79	22.86	23.04		
1.4	QPSK	1	5	22.87	22.99	22.87		
1.4	QPSK	3	0	22.86	22.98	23.01		
1.4	QPSK	3	1	22.85	22.77	22.91		
1.4	QPSK	3	3	22.85	22.91	22.86		
1.4	QPSK	6	0	21.77	21.97	21.84	23	1
1.4	16QAM	1	0	22.21	22.12	22.14	23	1
1.4	16QAM	1	3	22.16	22.19	22.00		
1.4	16QAM	1	5	22.11	21.89	22.11		
1.4	16QAM	3	0	21.93	21.97	21.94		
1.4	16QAM	3	1	21.96	21.99	21.88		
1.4	16QAM	3	3	21.82	21.96	21.89		
1.4	16QAM	6	0	21.17	20.97	20.85	22	2
1.4	64QAM	1	0	21.13	20.98	21.13	22	2
1.4	64QAM	1	3	20.96	21.28	20.91		
1.4	64QAM	1	5	21.03	20.97	21.32		
1.4	64QAM	3	0	20.81	21.05	20.83		
1.4	64QAM	3	1	21.10	21.16	21.02		
1.4	64QAM	3	3	21.15	21.08	21.06		
1.4	64QAM	6	0	19.93	19.92	19.81	21	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.01	23.08	23.05	24	0
20	QPSK	1	49	23.06	23.15	23.11		
20	QPSK	1	99	23.01	23.11	23.08		
20	QPSK	50	0	22.04	22.13	22.09	23	1
20	QPSK	50	24	22.12	22.29	22.21		
20	QPSK	50	50	22.05	22.27	22.18		
20	QPSK	100	0	22.06	22.15	22.13		
20	16QAM	1	0	22.30	22.41	22.55	23	1
20	16QAM	1	49	22.71	22.60	22.26		
20	16QAM	1	99	22.39	22.76	22.34		
20	16QAM	50	0	21.08	21.13	21.24	22	2
20	16QAM	50	24	21.14	21.09	21.26		
20	16QAM	50	50	21.05	21.15	21.14		
20	16QAM	100	0	21.02	21.16	21.15		
20	64QAM	1	0	21.04	20.92	20.85	22	2
20	64QAM	1	49	20.93	20.94	20.89		
20	64QAM	1	99	20.98	20.67	20.94		
20	64QAM	50	0	20.07	20.06	20.45	21	3
20	64QAM	50	24	20.14	20.10	20.07		
20	64QAM	50	50	20.04	20.19	20.17		
20	64QAM	100	0	20.18	19.95	20.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.06	22.82	22.73	24	0
15	QPSK	1	37	22.78	22.72	22.73		
15	QPSK	1	74	22.98	23.02	22.78		
15	QPSK	36	0	22.02	21.75	21.69	23	1
15	QPSK	36	20	22.09	21.82	21.83		
15	QPSK	36	39	22.01	22.01	22.15		
15	QPSK	75	0	21.99	21.80	21.95		
15	16QAM	1	0	22.04	22.21	22.16	23	1
15	16QAM	1	37	22.31	22.20	22.16		
15	16QAM	1	74	22.17	22.23	22.24		
15	16QAM	36	0	20.92	20.68	20.73	22	2
15	16QAM	36	20	21.00	20.85	21.00		
15	16QAM	36	39	20.93	20.86	20.80		
15	16QAM	75	0	21.04	20.80	20.96		
15	64QAM	1	0	20.54	20.64	20.75	22	2
15	64QAM	1	37	21.04	20.82	20.82		
15	64QAM	1	74	21.03	20.97	21.01		
15	64QAM	36	0	19.90	19.83	19.74	21	3
15	64QAM	36	20	19.99	19.76	19.87		
15	64QAM	36	39	19.93	19.89	20.04		
15	64QAM	75	0	20.00	19.79	19.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.91	22.90	22.79	24	0
10	QPSK	1	25	22.97	22.83	22.82		
10	QPSK	1	49	22.87	22.85	22.82		
10	QPSK	25	0	21.80	21.99	21.66	23	1
10	QPSK	25	12	21.90	21.95	22.09		
10	QPSK	25	25	22.09	22.11	21.93		
10	QPSK	50	0	22.02	21.95	21.93		
10	16QAM	1	0	22.13	22.20	22.31	23	1
10	16QAM	1	25	22.46	22.51	22.12		
10	16QAM	1	49	22.13	22.52	22.11		
10	16QAM	25	0	20.97	21.00	21.18	22	2
10	16QAM	25	12	21.06	20.97	21.18		
10	16QAM	25	25	20.94	21.02	21.01		
10	16QAM	50	0	20.87	21.07	21.09		
10	64QAM	1	0	20.82	20.79	20.69	22	2
10	64QAM	1	25	20.79	20.74	20.73		
10	64QAM	1	49	20.89	20.60	20.75		
10	64QAM	25	0	19.93	19.84	20.32	21	3
10	64QAM	25	12	20.02	19.91	19.93		
10	64QAM	25	25	19.86	19.96	20.10		
10	64QAM	50	0	19.93	19.76	20.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.06	23.02	23.00	24	0
5	QPSK	1	12	22.95	22.94	22.75		
5	QPSK	1	24	23.07	22.89	22.70		
5	QPSK	12	0	21.98	21.99	21.91	23	1
5	QPSK	12	7	22.01	22.00	21.88		
5	QPSK	12	13	21.93	22.10	21.97		
5	QPSK	25	0	21.94	22.12	22.03		
5	16QAM	1	0	22.05	22.12	22.43	23	1
5	16QAM	1	12	22.17	22.14	22.19		
5	16QAM	1	24	22.25	22.30	22.39		
5	16QAM	12	0	20.99	21.04	20.84	22	2
5	16QAM	12	7	21.01	20.94	21.13		
5	16QAM	12	13	20.94	20.95	21.03		
5	16QAM	25	0	21.01	21.05	20.85		
5	64QAM	1	0	20.88	20.79	21.22	22	2
5	64QAM	1	12	20.92	20.83	20.89		
5	64QAM	1	24	20.83	20.92	20.83		
5	64QAM	12	0	19.99	20.00	20.10	21	3
5	64QAM	12	7	19.93	19.99	20.08		
5	64QAM	12	13	19.96	19.90	19.98		
5	64QAM	25	0	20.00	19.87	19.86		

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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	22.72	22.78	22.93	22.99	22.84	24	0
20	QPSK	1	49	22.91	23.01	23.12	23.19	23.04		
20	QPSK	1	99	22.76	22.94	22.98	23.06	22.91		
20	QPSK	50	0	21.72	21.79	21.85	21.97	21.93	23	1
20	QPSK	50	24	21.79	21.76	21.99	22.09	21.89		
20	QPSK	50	50	21.79	21.83	21.87	21.93	21.94		
20	QPSK	100	0	21.76	21.81	21.83	21.96	21.81		
20	16QAM	1	0	21.65	21.51	21.49	21.79	21.62	23	1
20	16QAM	1	49	21.85	21.94	21.80	21.78	21.92		
20	16QAM	1	99	21.89	21.84	21.69	21.56	21.85		
20	16QAM	50	0	20.74	20.87	20.74	20.59	20.85	22	2
20	16QAM	50	24	20.81	20.97	20.88	20.77	20.78		
20	16QAM	50	50	20.80	20.86	20.68	20.67	20.74		
20	16QAM	100	0	20.76	20.90	20.80	20.71	20.88		
20	64QAM	1	0	20.46	20.75	20.41	20.61	20.61	22	2
20	64QAM	1	49	20.53	20.76	20.78	20.66	20.73		
20	64QAM	1	99	20.42	20.67	20.69	20.65	20.77		
20	64QAM	50	0	19.59	19.82	19.73	19.87	19.80	21	3
20	64QAM	50	24	19.84	19.93	19.76	19.73	19.94		
20	64QAM	50	50	19.85	19.81	19.66	19.62	19.70		
20	64QAM	100	0	19.70	19.86	19.69	19.79	19.73		
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	22.68	22.74	22.90	22.89	22.66	24.00	0
15	QPSK	1	37	22.91	23.01	22.97	23.10	23.03		
15	QPSK	1	74	22.71	22.88	22.88	23.01	22.80		
15	QPSK	36	0	21.74	21.62	21.69	21.90	21.80	23	1
15	QPSK	36	20	21.78	21.66	22.01	21.94	21.87		
15	QPSK	36	39	21.75	21.75	21.71	21.85	21.95		
15	QPSK	75	0	21.75	21.81	21.72	21.80	21.79		
15	16QAM	1	0	21.49	21.43	21.41	21.69	21.59	23	1
15	16QAM	1	37	21.68	21.83	21.74	21.67	21.75		
15	16QAM	1	74	21.79	21.79	21.56	21.48	21.81		
15	16QAM	36	0	20.62	20.89	20.61	20.59	20.75	22	2
15	16QAM	36	20	20.74	20.92	20.74	20.72	20.79		
15	16QAM	36	39	20.80	20.85	20.60	20.53	20.68		
15	16QAM	75	0	20.64	20.87	20.75	20.67	20.73		
15	64QAM	1	0	20.31	20.69	20.24	20.56	20.50	22	2
15	64QAM	1	37	20.40	20.64	20.74	20.67	20.74		
15	64QAM	1	74	20.33	20.52	20.62	20.61	20.60		
15	64QAM	36	0	19.42	19.73	19.72	19.75	19.72	21	3
15	64QAM	36	20	19.68	19.78	19.74	19.59	19.76		
15	64QAM	36	39	19.85	19.79	19.54	19.53	19.58		
15	64QAM	75	0	19.53	19.88	19.61	19.62	19.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.68	22.71	22.86	22.85	22.75	24.00	0
10	QPSK	1	25	22.87	22.83	23.13	23.10	22.91		
10	QPSK	1	49	22.72	22.94	22.88	22.96	22.92		
10	QPSK	25	0	21.61	21.64	21.86	21.84	21.80	23	1
10	QPSK	25	12	21.69	21.58	21.94	22.05	21.83		
10	QPSK	25	25	21.75	21.79	21.88	21.76	21.88		
10	QPSK	50	0	21.69	21.71	21.66	21.86	21.70		
10	16QAM	1	0	21.57	21.47	21.40	21.65	21.45	23	1
10	16QAM	1	25	21.73	21.81	21.81	21.70	21.83		
10	16QAM	1	49	21.86	21.85	21.62	21.51	21.70		
10	16QAM	25	0	20.66	20.79	20.71	20.55	20.82	22	2
10	16QAM	25	12	20.73	20.91	20.78	20.70	20.60		
10	16QAM	25	25	20.72	20.76	20.54	20.64	20.76		
10	16QAM	50	0	20.64	20.72	20.79	20.64	20.72		
10	64QAM	1	0	20.45	20.62	20.43	20.59	20.44	22	2
10	64QAM	1	25	20.50	20.78	20.80	20.48	20.73		
10	64QAM	1	49	20.46	20.63	20.60	20.47	20.75		
10	64QAM	25	0	19.52	19.83	19.61	19.76	19.64	21	3
10	64QAM	25	12	19.86	19.95	19.68	19.65	19.84		
10	64QAM	25	25	19.84	19.73	19.66	19.63	19.67		
10	64QAM	50	0	19.62	19.86	19.65	19.78	19.65		
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	22.69	22.64	22.92	22.88	22.78	24.00	0
5	QPSK	1	12	22.90	23.02	23.03	23.04	22.86		
5	QPSK	1	24	22.67	22.82	22.84	22.95	22.91		
5	QPSK	12	0	21.60	21.77	21.87	21.86	21.85	23	1
5	QPSK	12	7	21.74	21.72	21.89	22.04	21.72		
5	QPSK	12	13	21.62	21.75	21.79	21.92	21.95		
5	QPSK	25	0	21.65	21.73	21.78	21.95	21.74		
5	16QAM	1	0	21.49	21.46	21.50	21.77	21.57	23	1
5	16QAM	1	12	21.71	21.90	21.78	21.66	21.74		
5	16QAM	1	24	21.83	21.68	21.62	21.43	21.77		
5	16QAM	12	0	20.66	20.72	20.70	20.42	20.77	22	2
5	16QAM	12	7	20.65	20.85	20.72	20.62	20.60		
5	16QAM	12	13	20.64	20.70	20.69	20.61	20.61		
5	16QAM	25	0	20.77	20.87	20.66	20.68	20.76		
5	64QAM	1	0	20.47	20.64	20.32	20.57	20.55	22	2
5	64QAM	1	12	20.52	20.63	20.61	20.51	20.65		
5	64QAM	1	24	20.37	20.65	20.68	20.61	20.71		
5	64QAM	12	0	19.56	19.65	19.57	19.89	19.62	21	3
5	64QAM	12	7	19.66	19.93	19.59	19.74	19.78		
5	64QAM	12	13	19.82	19.76	19.57	19.63	19.56		
5	64QAM	25	0	19.69	19.88	19.65	19.69	19.55		

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GSM850_Ant 13	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	31.33	31.28	31.21	32.50	22.33	22.28	22.21	23.50
GPRS 1 Tx slot	31.30	31.26	31.19	32.50	22.30	22.26	22.19	23.50
GPRS 2 Tx slots	29.30	29.21	29.18	31.00	23.30	23.21	23.18	25.00
GPRS 3 Tx slots	27.61	27.52	27.51	29.50	23.35	23.26	23.25	25.24
GPRS 4 Tx slots	27.21	26.87	26.85	28.00	24.21	23.87	23.85	25.00
EDGE(GMSK 1 Tx slot)	31.28	31.24	31.18	32.50	22.28	22.24	22.18	23.50
EDGE(GMSK 2 Tx slots)	29.27	29.20	29.15	31.00	23.27	23.20	23.15	25.00
EDGE(GMSK 3 Tx slots)	27.59	27.54	27.51	29.50	23.33	23.28	23.25	25.24
EDGE(GMSK 4 Tx slots)	27.20	26.82	26.84	28.00	24.20	23.82	23.84	25.00
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	30.50	30.43	30.31	31.50	24.50	24.43	24.31	25.50
GPRS 3 Tx slots	28.22	28.01	27.83	29.50	23.96	23.75	23.57	25.24
GPRS 4 Tx slots	26.95	26.73	26.51	28.00	23.95	23.73	23.51	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	30.35	30.34	30.25	31.50	24.35	24.34	24.25	25.50
EDGE(GMSK 3 Tx slots)	28.14	27.99	27.79	29.50	23.88	23.73	23.53	25.24
EDGE(GMSK 4 Tx slots)	26.75	26.73	26.43	28.00	23.75	23.73	23.43	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 13	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	25.13	25.35	25.30	26.90	16.13	16.35	16.30	17.90
GPRS 1 Tx slot	25.11	25.33	25.27	26.90	16.11	16.33	16.27	17.90
GPRS 2 Tx slots	22.75	22.97	22.90	24.40	16.75	16.97	16.90	18.40
GPRS 3 Tx slots	20.93	21.22	21.12	22.50	16.67	16.96	16.86	18.24
GPRS 4 Tx slots	20.15	20.45	20.40	21.90	17.15	17.45	17.40	18.90
EDGE(GMSK 1 Tx slot)	25.09	25.31	25.25	26.90	16.09	16.31	16.25	17.90
EDGE(GMSK 2 Tx slots)	22.73	22.95	22.87	24.40	16.73	16.95	16.87	18.40
EDGE(GMSK 3 Tx slots)	20.88	21.19	21.09	22.50	16.62	16.93	16.83	18.24
EDGE(GMSK 4 Tx slots)	20.12	20.42	20.35	21.90	17.12	17.42	17.35	18.90
EDGE 1 Tx slot	25.64	25.96	25.97	26.90	22.64	22.96	22.97	17.90
EDGE 2 Tx slots	23.03	23.34	23.24	24.40	20.03	20.34	20.24	18.40
EDGE 3 Tx slots	21.32	21.60	21.54	22.50	18.32	18.60	18.54	18.24
EDGE 4 Tx slots	20.60	20.92	20.87	21.90	17.60	17.92	17.87	18.90

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.67	29.75	29.66	30.40	20.67	20.75	20.66	21.40
GPRS 1 Tx slot	29.65	29.74	29.63	30.40	20.65	20.74	20.63	21.40
GPRS 2 Tx slots	26.75	26.85	26.82	27.40	20.75	20.85	20.82	21.40
GPRS 3 Tx slots	23.75	23.85	23.74	25.50	19.49	19.59	19.48	21.24
GPRS 4 Tx slots	23.72	23.81	23.76	24.90	20.72	20.81	20.76	21.90
EDGE(GMSK 1 Tx slot)	29.62	29.69	29.58	30.40	20.62	20.69	20.58	21.40
EDGE(GMSK 2 Tx slots)	26.73	26.84	26.78	27.40	20.73	20.84	20.78	21.40
EDGE(GMSK 3 Tx slots)	23.72	23.83	23.71	24.00	19.46	19.57	19.45	19.74
EDGE(GMSK 4 Tx slots)	23.69	23.78	23.74	24.90	20.69	20.78	20.74	21.90
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			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	17.58	17.62	17.55	18.50	19.95	19.98	19.97	20.50	21.46	21.45	21.57	22.50
3GPP Rel 99	RMC 12.2Kbps	17.61	17.71	17.57	18.50	20.01	20.03	20.00	20.50	21.47	21.49	21.59	22.50
3GPP Rel 6	HSDPA Subtest-1	16.59	16.64	16.48	17.50	18.66	18.96	18.90	19.50	20.16	20.26	20.44	21.50
3GPP Rel 6	HSDPA Subtest-2	16.57	16.68	16.46	17.50	18.76	18.83	18.86	19.50	20.25	20.18	20.52	21.50
3GPP Rel 6	HSDPA Subtest-3	15.98	16.20	15.96	17.00	18.22	18.43	18.36	19.00	19.76	19.68	19.94	21.00
3GPP Rel 6	HSDPA Subtest-4	16.01	16.08	15.94	17.00	18.30	18.46	18.41	19.00	19.70	19.79	19.94	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.36	16.58	16.31	17.50	18.66	18.73	18.82	19.50	20.14	20.05	20.31	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.45	16.68	16.47	17.50	18.58	18.82	18.69	19.50	20.21	20.03	20.33	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.91	16.07	15.95	17.00	18.20	18.39	18.31	19.00	19.59	19.60	19.88	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.72	16.03	15.91	17.00	18.19	18.47	18.31	19.00	19.53	19.57	19.91	21.00
3GPP Rel 6	HSUPA Subtest-1	16.49	16.70	16.48	17.50	18.74	18.93	18.94	19.50	20.27	20.31	20.49	21.50
3GPP Rel 6	HSUPA Subtest-2	14.76	14.68	14.51	15.50	16.74	16.95	16.94	17.50	18.33	18.29	18.55	19.50
3GPP Rel 6	HSUPA Subtest-3	15.66	15.71	15.57	16.50	17.88	17.91	17.90	18.50	19.39	19.40	19.55	20.50
3GPP Rel 6	HSUPA Subtest-4	14.65	14.70	14.57	15.50	16.89	16.91	16.92	17.50	18.30	18.27	18.49	19.50
3GPP Rel 6	HSUPA Subtest-5	16.62	16.69	16.52	17.50	18.87	18.88	18.93	19.50	20.30	20.40	20.51	21.50

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	20.35	20.55	20.35	21.00	19.76	19.89	19.89	21.00	23.12	23.09	23.15	24.50
3GPP Rel 99	RMC 12.2Kbps	20.40	20.61	20.43	21.00	19.81	20.00	19.94	21.00	23.18	23.14	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	19.57	19.63	19.61	20.00	18.94	19.00	19.14	20.00	22.18	22.23	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	19.68	19.70	19.51	20.00	18.95	19.05	19.04	20.00	22.20	22.28	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	19.13	19.25	19.06	19.50	18.37	18.50	18.57	19.50	21.70	21.75	21.88	23.00
3GPP Rel 6	HSDPA Subtest-4	19.05	19.14	19.00	19.50	18.44	18.54	18.62	19.50	21.71	21.76	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.54	19.65	19.48	20.00	18.86	18.88	18.96	20.00	22.18	22.05	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.53	19.51	19.45	20.00	18.70	18.95	18.98	20.00	22.14	22.20	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.89	19.11	18.84	19.50	18.32	18.37	18.48	19.50	21.51	21.72	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.96	18.98	18.88	19.50	18.25	18.45	18.44	19.50	21.55	21.69	21.77	23.00
3GPP Rel 6	HSUPA Subtest-1	19.63	19.74	19.60	20.00	18.84	19.04	19.16	20.00	22.08	22.23	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	17.62	17.74	17.47	18.00	16.79	17.01	17.11	18.00	20.09	20.22	20.29	21.50
3GPP Rel 6	HSUPA Subtest-3	18.59	18.71	18.59	19.00	17.82	18.02	18.19	19.00	21.08	21.16	21.30	22.50
3GPP Rel 6	HSUPA Subtest-4	17.62	17.65	17.50	18.00	16.95	17.15	17.07	18.00	20.17	20.15	20.29	21.50
3GPP Rel 6	HSUPA Subtest-5	19.56	19.71	19.60	20.00	18.74	19.06	19.15	20.00	22.20	22.20	22.30	23.50

Band 2_Ant 13

BW [MHz]	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	17.49	17.69	17.58	18.5	0
20	QPSK	1	49	17.56	17.83	17.60		
20	QPSK	1	99	17.44	17.64	17.48		
20	QPSK	50	0	17.37	17.76	17.62	18.5	0
20	QPSK	50	24	17.46	17.81	17.58		
20	QPSK	50	50	17.44	17.66	17.52		
20	QPSK	100	0	17.47	17.63	17.52		
20	16QAM	1	0	17.72	17.69	17.76	18.5	0
20	16QAM	1	49	17.69	17.76	17.70		
20	16QAM	1	99	17.71	17.73	17.68		
20	16QAM	50	0	17.34	17.67	17.63	18.5	0
20	16QAM	50	24	17.51	17.74	17.64		
20	16QAM	50	50	17.50	17.58	17.51		
20	16QAM	100	0	17.36	17.67	17.53		
20	64QAM	1	0	17.75	17.69	17.82	18.5	0
20	64QAM	1	49	17.67	17.65	17.68		
20	64QAM	1	99	17.67	17.76	17.67		
20	64QAM	50	0	17.42	17.74	17.65	18.5	0
20	64QAM	50	24	17.46	17.70	17.63		
20	64QAM	50	50	17.40	17.81	17.48		
20	64QAM	100	0	17.42	17.66	17.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.46	17.67	17.54	18.5	0
15	QPSK	1	37	17.44	17.73	17.51		
15	QPSK	1	74	17.35	17.57	17.35		
15	QPSK	36	0	17.35	17.68	17.51	18.5	0
15	QPSK	36	20	17.41	17.75	17.55		
15	QPSK	36	39	17.37	17.55	17.42		
15	QPSK	75	0	17.41	17.57	17.40		
15	16QAM	1	0	17.65	17.66	17.72	18.5	0
15	16QAM	1	37	17.56	17.74	17.59		
15	16QAM	1	74	17.62	17.66	17.63		
15	16QAM	36	0	17.22	17.54	17.53	18.5	0
15	16QAM	36	20	17.46	17.67	17.59		
15	16QAM	36	39	17.42	17.52	17.47		
15	16QAM	75	0	17.26	17.59	17.41		
15	64QAM	1	0	17.63	17.60	17.79	18.5	0
15	64QAM	1	37	17.63	17.60	17.63		
15	64QAM	1	74	17.57	17.64	17.62		
15	64QAM	36	0	17.38	17.71	17.53	18.5	0
15	64QAM	36	20	17.37	17.65	17.54		
15	64QAM	36	39	17.32	17.74	17.35		
15	64QAM	75	0	17.30	17.61	17.33		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.46	17.63	17.56	18.5	0
10	QPSK	1	25	17.51	17.76	17.55		
10	QPSK	1	49	17.32	17.55	17.36		
10	QPSK	25	0	17.35	17.68	17.50	18.5	0
10	QPSK	25	12	17.41	17.79	17.56		
10	QPSK	25	25	17.36	17.61	17.42		
10	QPSK	50	0	17.44	17.51	17.39		
10	16QAM	1	0	17.67	17.57	17.67	18.5	0
10	16QAM	1	25	17.56	17.71	17.61		
10	16QAM	1	49	17.64	17.70	17.56		
10	16QAM	25	0	17.25	17.61	17.53	18.5	0
10	16QAM	25	12	17.40	17.65	17.60		
10	16QAM	25	25	17.39	17.46	17.43		
10	16QAM	50	0	17.30	17.64	17.48		
10	64QAM	1	0	17.72	17.60	17.71	18.5	0
10	64QAM	1	25	17.56	17.62	17.64		
10	64QAM	1	49	17.55	17.63	17.63		
10	64QAM	25	0	17.38	17.70	17.55	18.5	0
10	64QAM	25	12	17.40	17.58	17.52		
10	64QAM	25	25	17.34	17.73	17.39		
10	64QAM	50	0	17.29	17.63	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.42	17.67	17.55	18.5	0
5	QPSK	1	12	17.48	17.77	17.54		
5	QPSK	1	24	17.38	17.54	17.46		
5	QPSK	12	0	17.26	17.63	17.51	18.5	0
5	QPSK	12	7	17.35	17.73	17.55		
5	QPSK	12	13	17.32	17.53	17.48		
5	QPSK	25	0	17.40	17.51	17.39		
5	16QAM	1	0	17.63	17.59	17.73	18.5	0
5	16QAM	1	12	17.58	17.71	17.62		
5	16QAM	1	24	17.66	17.63	17.65		
5	16QAM	12	0	17.25	17.63	17.56	18.5	0
5	16QAM	12	7	17.48	17.64	17.53		
5	16QAM	12	13	17.46	17.55	17.43		
5	16QAM	25	0	17.25	17.57	17.51		
5	64QAM	1	0	17.66	17.63	17.73	18.5	0
5	64QAM	1	12	17.60	17.54	17.62		
5	64QAM	1	24	17.62	17.70	17.55		
5	64QAM	12	0	17.35	17.68	17.59	18.5	0
5	64QAM	12	7	17.44	17.66	17.58		
5	64QAM	12	13	17.33	17.74	17.39		
5	64QAM	25	0	17.39	17.62	17.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.43	17.66	17.56	18.5	0
3	QPSK	1	8	17.44	17.71	17.52		
3	QPSK	1	14	17.39	17.60	17.45		
3	QPSK	8	0	17.25	17.64	17.54	18.5	0
3	QPSK	8	4	17.33	17.69	17.48		
3	QPSK	8	7	17.41	17.59	17.45		
3	QPSK	15	0	17.38	17.55	17.48		
3	16QAM	1	0	17.60	17.58	17.66	18.5	0
3	16QAM	1	8	17.65	17.69	17.57		
3	16QAM	1	14	17.64	17.60	17.57		
3	16QAM	8	0	17.25	17.63	17.55	18.5	0
3	16QAM	8	4	17.48	17.62	17.59		
3	16QAM	8	7	17.44	17.52	17.40		
3	16QAM	15	0	17.28	17.61	17.49		
3	64QAM	1	0	17.66	17.67	17.70	18.5	0
3	64QAM	1	8	17.56	17.54	17.65		
3	64QAM	1	14	17.56	17.70	17.55		
3	64QAM	8	0	17.35	17.68	17.55	18.5	0
3	64QAM	8	4	17.38	17.64	17.57		
3	64QAM	8	7	17.27	17.76	17.42		
3	64QAM	15	0	17.37	17.61	17.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.41	17.65	17.56	18.5	0
1.4	QPSK	1	3	17.43	17.80	17.48		
1.4	QPSK	1	5	17.42	17.51	17.43		
1.4	QPSK	3	0	17.27	17.68	17.53		
1.4	QPSK	3	1	17.39	17.69	17.52		
1.4	QPSK	3	3	17.34	17.63	17.39		
1.4	QPSK	6	0	17.39	17.56	17.44	18.5	0
1.4	16QAM	1	0	17.65	17.64	17.71	18.5	0
1.4	16QAM	1	3	17.58	17.70	17.59		
1.4	16QAM	1	5	17.69	17.70	17.64		
1.4	16QAM	3	0	17.27	17.54	17.57		
1.4	16QAM	3	1	17.38	17.68	17.53		
1.4	16QAM	3	3	17.46	17.55	17.47		
1.4	16QAM	6	0	17.34	17.60	17.49	18.5	0
1.4	64QAM	1	0	17.63	17.58	17.70	18.5	0
1.4	64QAM	1	3	17.65	17.62	17.60		
1.4	64QAM	1	5	17.62	17.74	17.61		
1.4	64QAM	3	0	17.33	17.64	17.62		
1.4	64QAM	3	1	17.40	17.66	17.52		
1.4	64QAM	3	3	17.30	17.76	17.46		
1.4	64QAM	6	0	17.38	17.61	17.41	18.5	0

Band 2_Ant 31

BW [MHz]	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	21.10	21.10	21.10	22	0
20	QPSK	1	49	21.17	21.34	21.33		
20	QPSK	1	99	20.93	20.96	20.92		
20	QPSK	50	0	21.05	21.28	21.29	22	0
20	QPSK	50	24	21.30	21.33	21.31		
20	QPSK	50	50	20.90	21.28	21.16		
20	QPSK	100	0	21.04	21.30	21.22		
20	16QAM	1	0	21.25	21.33	21.27	22	0
20	16QAM	1	49	21.00	20.98	20.87		
20	16QAM	1	99	21.02	21.16	21.05		
20	16QAM	50	0	21.00	21.09	21.23	22	0
20	16QAM	50	24	21.00	21.33	21.16		
20	16QAM	50	50	20.97	21.09	20.84		
20	16QAM	100	0	20.96	21.10	21.23		
20	64QAM	1	0	21.31	21.21	21.31	22	0
20	64QAM	1	49	21.09	21.06	21.26		
20	64QAM	1	99	21.15	21.30	21.19		
20	64QAM	50	0	20.12	20.26	20.26	21	1
20	64QAM	50	24	20.14	20.34	20.33		
20	64QAM	50	50	19.85	20.02	19.86		
20	64QAM	100	0	20.03	20.18	20.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.08	21.07	21.04	22	0
15	QPSK	1	37	21.12	21.29	21.30		
15	QPSK	1	74	20.89	20.93	20.84		
15	QPSK	36	0	20.94	21.18	21.24	22	0
15	QPSK	36	20	21.25	21.30	21.19		
15	QPSK	36	39	20.84	21.22	21.08		
15	QPSK	75	0	21.01	21.26	21.19		
15	16QAM	1	0	21.12	21.23	21.14	22	0
15	16QAM	1	37	20.98	20.88	20.79		
15	16QAM	1	74	20.96	21.13	21.00		
15	16QAM	36	0	20.98	21.07	21.14	22	0
15	16QAM	36	20	20.95	21.23	21.07		
15	16QAM	36	39	20.86	21.07	20.76		
15	16QAM	75	0	20.87	21.07	21.12		
15	64QAM	1	0	21.29	21.11	21.25	22	0
15	64QAM	1	37	21.05	20.97	21.17		
15	64QAM	1	74	21.11	21.27	21.07		
15	64QAM	36	0	20.10	20.24	20.23	21	1
15	64QAM	36	20	20.10	20.29	20.30		
15	64QAM	36	39	19.74	19.99	19.76		
15	64QAM	75	0	19.93	20.13	20.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.08	21.02	21.08	22	0
10	QPSK	1	25	21.05	21.30	21.21		
10	QPSK	1	49	20.90	20.90	20.81		
10	QPSK	25	0	20.94	21.24	21.25	22	0
10	QPSK	25	12	21.19	21.28	21.23		
10	QPSK	25	25	20.82	21.25	21.05		
10	QPSK	50	0	21.01	21.20	21.13		
10	16QAM	1	0	21.16	21.23	21.18	22	0
10	16QAM	1	25	20.88	20.85	20.81		
10	16QAM	1	49	20.93	21.10	20.93		
10	16QAM	25	0	20.97	20.98	21.14	22	0
10	16QAM	25	12	20.87	21.31	21.10		
10	16QAM	25	25	20.88	21.05	20.80		
10	16QAM	50	0	20.88	21.08	21.18		
10	64QAM	1	0	21.29	21.10	21.26	22	0
10	64QAM	1	25	21.01	21.00	21.24		
10	64QAM	1	49	21.13	21.18	21.07		
10	64QAM	25	0	20.06	20.21	20.15	21	1
10	64QAM	25	12	20.02	20.22	20.25		
10	64QAM	25	25	19.79	19.98	19.78		
10	64QAM	50	0	19.94	20.15	20.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.02	21.02	22	0
5	QPSK	1	12	21.06	21.23	21.26		
5	QPSK	1	24	20.84	20.89	20.86		
5	QPSK	12	0	20.96	21.16	21.25	22	0
5	QPSK	12	7	21.26	21.30	21.20		
5	QPSK	12	13	20.84	21.19	21.07		
5	QPSK	25	0	20.99	21.19	21.15		
5	16QAM	1	0	21.22	21.22	21.19	22	0
5	16QAM	1	12	20.95	20.93	20.82		
5	16QAM	1	24	21.00	21.04	20.96		
5	16QAM	12	0	20.91	21.05	21.14	22	0
5	16QAM	12	7	20.95	21.22	21.12		
5	16QAM	12	13	20.94	21.00	20.71		
5	16QAM	25	0	20.93	21.01	21.17		
5	64QAM	1	0	21.25	21.17	21.19	22	0
5	64QAM	1	12	21.07	20.94	21.13		
5	64QAM	1	24	21.10	21.18	21.17		
5	64QAM	12	0	20.08	20.20	20.16	21	1
5	64QAM	12	7	20.09	20.30	20.25		
5	64QAM	12	13	19.75	19.91	19.84		
5	64QAM	25	0	19.98	20.15	20.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.08	21.03	22	0
3	QPSK	1	8	21.12	21.31	21.24		
3	QPSK	1	14	20.80	20.90	20.80		
3	QPSK	8	0	21.00	21.23	21.18	22	0
3	QPSK	8	4	21.24	21.24	21.19		
3	QPSK	8	7	20.83	21.24	21.10		
3	QPSK	15	0	20.95	21.19	21.11		
3	16QAM	1	0	21.16	21.29	21.16	22	0
3	16QAM	1	8	20.90	20.93	20.75		
3	16QAM	1	14	20.98	21.07	20.99		
3	16QAM	8	0	20.97	21.01	21.14	22	0
3	16QAM	8	4	20.88	21.25	21.03		
3	16QAM	8	7	20.94	21.04	20.72		
3	16QAM	15	0	20.91	21.02	21.19		
3	64QAM	1	0	21.20	21.16	21.22	22	0
3	64QAM	1	8	21.06	21.04	21.23		
3	64QAM	1	14	21.06	21.21	21.09		
3	64QAM	8	0	20.01	20.22	20.24	21	1
3	64QAM	8	4	20.09	20.27	20.23		
3	64QAM	8	7	19.83	19.98	19.84		
3	64QAM	15	0	19.94	20.15	20.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.05	21.07	21.05	22	0
1.4	QPSK	1	3	21.04	21.22	21.22		
1.4	QPSK	1	5	20.91	20.86	20.82		
1.4	QPSK	3	0	21.03	21.15	21.16		
1.4	QPSK	3	1	21.18	21.25	21.20		
1.4	QPSK	3	3	20.80	21.19	21.06		
1.4	QPSK	6	0	20.93	21.27	21.10	22	0
1.4	16QAM	1	0	21.23	21.30	21.22	22	0
1.4	16QAM	1	3	20.90	20.91	20.83		
1.4	16QAM	1	5	20.93	21.11	21.03		
1.4	16QAM	3	0	20.95	20.98	21.16		
1.4	16QAM	3	1	20.97	21.23	21.10		
1.4	16QAM	3	3	20.87	20.98	20.82		
1.4	16QAM	6	0	20.90	21.06	21.16	22	0
1.4	64QAM	1	0	21.28	21.09	21.29	22	0
1.4	64QAM	1	3	20.99	20.95	21.16		
1.4	64QAM	1	5	21.02	21.20	21.17		
1.4	64QAM	3	0	21.24	21.10	21.32		
1.4	64QAM	3	1	20.95	21.00	21.16		
1.4	64QAM	3	3	21.05	21.18	21.13		
1.4	64QAM	6	0	19.98	20.06	20.25	21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.79	19.80	19.96	21	0
20	QPSK	1	49	19.81	20.05	19.83		
20	QPSK	1	99	19.61	19.91	19.93		
20	QPSK	50	0	19.84	20.00	19.95	21	0
20	QPSK	50	24	19.85	20.02	19.85		
20	QPSK	50	50	19.85	19.99	19.92		
20	QPSK	100	0	19.91	19.93	19.89		
20	16QAM	1	0	19.99	19.73	19.81	21	0
20	16QAM	1	49	20.02	19.84	19.96		
20	16QAM	1	99	19.87	19.85	19.90		
20	16QAM	50	0	19.65	19.85	19.81	21	0
20	16QAM	50	24	19.87	19.96	19.88		
20	16QAM	50	50	19.95	20.00	19.88		
20	16QAM	100	0	19.96	19.78	19.93		
20	64QAM	1	0	19.96	19.97	20.01	21	0
20	64QAM	1	49	20.01	19.88	19.98		
20	64QAM	1	99	19.99	19.90	19.83		
20	64QAM	50	0	19.68	19.79	19.75	21	0
20	64QAM	50	24	19.94	19.69	19.88		
20	64QAM	50	50	19.87	19.93	19.79		
20	64QAM	100	0	19.82	19.81	19.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.71	19.78	19.93	21	0
15	QPSK	1	37	19.71	20.03	19.80		
15	QPSK	1	74	19.53	19.82	19.82		
15	QPSK	36	0	19.71	19.94	19.85	21	0
15	QPSK	36	20	19.74	19.99	19.80		
15	QPSK	36	39	19.76	19.92	19.85		
15	QPSK	75	0	19.81	19.91	19.86		
15	16QAM	1	0	19.89	19.70	19.75	21	0
15	16QAM	1	37	19.93	19.82	19.88		
15	16QAM	1	74	19.84	19.72	19.81		
15	16QAM	36	0	19.58	19.75	19.78	21	0
15	16QAM	36	20	19.79	19.86	19.81		
15	16QAM	36	39	19.87	19.94	19.75		
15	16QAM	75	0	19.94	19.66	19.80		
15	64QAM	1	0	19.90	19.85	19.90	21	0
15	64QAM	1	37	19.94	19.82	19.89		
15	64QAM	1	74	19.94	19.88	19.72		
15	64QAM	36	0	19.60	19.67	19.62	21	0
15	64QAM	36	20	19.89	19.67	19.76		
15	64QAM	36	39	19.79	19.81	19.66		
15	64QAM	75	0	19.75	19.78	19.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.75	19.73	19.92	21	0
10	QPSK	1	25	19.74	19.97	19.73		
10	QPSK	1	49	19.57	19.88	19.84		
10	QPSK	25	0	19.78	19.96	19.86	21	0
10	QPSK	25	12	19.74	19.92	19.82		
10	QPSK	25	25	19.78	19.96	19.89		
10	QPSK	50	0	19.81	19.85	19.85		
10	16QAM	1	0	19.94	19.62	19.75	21	0
10	16QAM	1	25	19.91	19.75	19.90		
10	16QAM	1	49	19.85	19.72	19.82		
10	16QAM	25	0	19.57	19.80	19.79	21	0
10	16QAM	25	12	19.75	19.91	19.78		
10	16QAM	25	25	19.84	19.90	19.86		
10	16QAM	50	0	19.86	19.76	19.84		
10	64QAM	1	0	19.89	19.88	19.98	21	0
10	64QAM	1	25	19.98	19.85	19.89		
10	64QAM	1	49	19.94	19.84	19.76		
10	64QAM	25	0	19.61	19.71	19.64	21	0
10	64QAM	25	12	19.92	19.60	19.76		
10	64QAM	25	25	19.80	19.82	19.70		
10	64QAM	50	0	19.69	19.75	19.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.74	19.77	19.94	21	0
5	QPSK	1	12	19.75	19.92	19.73		
5	QPSK	1	24	19.52	19.88	19.90		
5	QPSK	12	0	19.82	19.87	19.84	21	0
5	QPSK	12	7	19.72	19.92	19.74		
5	QPSK	12	13	19.79	19.94	19.84		
5	QPSK	25	0	19.82	19.85	19.78		
5	16QAM	1	0	19.97	19.67	19.73	21	0
5	16QAM	1	12	19.94	19.80	19.92		
5	16QAM	1	24	19.77	19.73	19.79		
5	16QAM	12	0	19.58	19.80	19.73	21	0
5	16QAM	12	7	19.76	19.85	19.80		
5	16QAM	12	13	19.84	19.95	19.79		
5	16QAM	25	0	19.85	19.74	19.90		
5	64QAM	1	0	19.92	19.86	19.97	21	0
5	64QAM	1	12	19.92	19.81	19.93		
5	64QAM	1	24	19.86	19.81	19.72		
5	64QAM	12	0	19.65	19.74	19.68	21	0
5	64QAM	12	7	19.82	19.59	19.75		
5	64QAM	12	13	19.75	19.80	19.73		
5	64QAM	25	0	19.74	19.70	19.81		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.73	19.74	19.89	21	0
3	QPSK	1	8	19.74	20.02	19.74		
3	QPSK	1	14	19.59	19.86	19.85		
3	QPSK	8	0	19.71	19.97	19.87	21	0
3	QPSK	8	4	19.80	19.98	19.80		
3	QPSK	8	7	19.74	19.91	19.84		
3	QPSK	15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.61	20.69	20.69	22	0
20	QPSK	1	49	20.72	20.79	20.75		
20	QPSK	1	99	20.54	20.77	20.66		
20	QPSK	50	0	20.63	20.74	20.67	22	0
20	QPSK	50	24	20.67	20.75	20.73		
20	QPSK	50	50	20.63	20.73	20.64		
20	QPSK	100	0	20.56	20.68	20.66		
20	16QAM	1	0	20.52	20.60	20.67	22	0
20	16QAM	1	49	20.69	20.60	20.76		
20	16QAM	1	99	20.58	20.64	20.69		
20	16QAM	50	0	20.50	20.58	20.77	22	0
20	16QAM	50	24	20.69	20.69	20.67		
20	16QAM	50	50	20.70	20.78	20.74		
20	16QAM	100	0	20.39	20.60	20.73		
20	64QAM	1	0	20.57	20.50	20.58	22	0
20	64QAM	1	49	20.73	20.71	20.76		
20	64QAM	1	99	20.63	20.74	20.73		
20	64QAM	50	0	19.56	19.59	19.64	21	1
20	64QAM	50	24	19.74	19.65	19.70		
20	64QAM	50	50	19.61	19.65	19.75		
20	64QAM	100	0	19.58	19.62	19.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.53	20.62	20.64	22	0
15	QPSK	1	37	20.60	20.73	20.62		
15	QPSK	1	74	20.47	20.72	20.60		
15	QPSK	36	0	20.60	20.67	20.58	22	0
15	QPSK	36	20	20.61	20.63	20.60		
15	QPSK	36	39	20.56	20.67	20.62		
15	QPSK	75	0	20.45	20.60	20.60		
15	16QAM	1	0	20.41	20.56	20.62	22	0
15	16QAM	1	37	20.58	20.51	20.69		
15	16QAM	1	74	20.46	20.62	20.65		
15	16QAM	36	0	20.47	20.54	20.72	22	0
15	16QAM	36	20	20.67	20.56	20.61		
15	16QAM	36	39	20.68	20.68	20.70		
15	16QAM	75	0	20.36	20.52	20.62		
15	64QAM	1	0	20.48	20.38	20.56	22	0
15	64QAM	1	37	20.64	20.63	20.68		
15	64QAM	1	74	20.52	20.72	20.71		
15	64QAM	36	0	19.43	19.51	19.53	21	1
15	64QAM	36	20	19.68	19.52	19.62		
15	64QAM	36	39	19.58	19.60	19.62		
15	64QAM	75	0	19.48	19.50	19.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.57	20.67	20.61	22	0
10	QPSK	1	25	20.61	20.74	20.62		
10	QPSK	1	49	20.45	20.68	20.63		
10	QPSK	25	0	20.53	20.71	20.57	22	0
10	QPSK	25	12	20.61	20.63	20.71		
10	QPSK	25	25	20.60	20.70	20.55		
10	QPSK	50	0	20.47	20.64	20.64		
10	16QAM	1	0	20.48	20.53	20.58	22	0
10	16QAM	1	25	20.65	20.55	20.74		
10	16QAM	1	49	20.48	20.53	20.63		
10	16QAM	25	0	20.37	20.50	20.74	22	0
10	16QAM	25	12	20.56	20.62	20.61		
10	16QAM	25	25	20.59	20.70	20.65		
10	16QAM	50	0	20.30	20.58	20.70		
10	64QAM	1	0	20.52	20.39	20.46	22	0
10	64QAM	1	25	20.70	20.58	20.70		
10	64QAM	1	49	20.54	20.72	20.71		
10	64QAM	25	0	19.48	19.48	19.51	21	1
10	64QAM	25	12	19.64	19.54	19.67		
10	64QAM	25	25	19.52	19.60	19.73		
10	64QAM	50	0	19.48	19.58	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.57	20.61	20.66	22	0
5	QPSK	1	12	20.61	20.73	20.62		
5	QPSK	1	24	20.46	20.74	20.55		
5	QPSK	12	0	20.59	20.72	20.57	22	0
5	QPSK	12	7	20.55	20.63	20.67		
5	QPSK	12	13	20.50	20.61	20.51		
5	QPSK	25	0	20.51	20.66	20.58		
5	16QAM	1	0	20.50	20.57	20.60	22	0
5	16QAM	1	12	20.66	20.52	20.68		
5	16QAM	1	24	20.56	20.53	20.63		
5	16QAM	12	0	20.39	20.49	20.67	22	0
5	16QAM	12	7	20.62	20.59	20.55		
5	16QAM	12	13	20.63	20.66	20.63		
5	16QAM	25	0	20.35	20.58	20.66		
5	64QAM	1	0	20.54	20.42	20.54	22	0
5	64QAM	1	12	20.60	20.66	20.68		
5	64QAM	1	24	20.54	20.65	20.62		
5	64QAM	12	0	19.52	19.56	19.51	21	1
5	64QAM	12	7	19.61	19.55	19.57		
5	64QAM	12	13	19.51	19.58	19.63		
5	64QAM	25	0	19.55	19.49	19.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.56	20.62	20.65	22	0
3	QPSK	1	8	20.68	20.75	20.64		
3	QPSK	1	14	20.42	20.64	20.59		
3	QPSK	8	0	20.54	20.71	20.65	22	0
3	QPSK	8	4	20.61	20.70	20.62		
3	QPSK	8	7	20.53	20.65	20.51		
3	QPSK	15	0	20.51	20.62	20.57		
3	16QAM	1	0	20.40	20.50	20.63	22	0
3	16QAM	1	8	20.67	20.52	20.74		
3	16QAM	1	14	20.52	20.52	20.56		
3	16QAM	8	0	20.39	20.45	20.64	22	0
3	16QAM	8	4	20.60	20.63	20.56		
3	16QAM	8	7	20.62	20.66	20.62		
3	16QAM	15	0	20.34	20.57	20.63		
3	64QAM	1	0	20.44	20.38	20.56	22	0
3	64QAM	1	8	20.69	20.69	20.65		
3	64QAM	1	14	20.61	20.62	20.63		
3	64QAM	8	0	19.46	19.54	19.52	21	1
3	64QAM	8	4	19.71	19.60	19.65		
3	64QAM	8	7	19.57	19.59	19.64		
3	64QAM	15	0	19.51	19.57	19.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.55	20.61	20.66	22	0
1.4	QPSK	1	3	20.63	20.77	20.67		
1.4	QPSK	1	5	20.51	20.68	20.56		
1.4	QPSK	3	0	20.53	20.68	20.65		
1.4	QPSK	3	1	20.59	20.67	20.60		
1.4	QPSK	3	3	20.59	20.65	20.61		
1.4	QPSK	6	0	20.43	20.66	20.63	22	0
1.4	16QAM	1	0	20.50	20.57	20.63	22	0
1.4	16QAM	1	3	20.59	20.51	20.65		
1.4	16QAM	1	5	20.50	20.56	20.60		
1.4	16QAM	3	0	20.45	20.45	20.69		
1.4	16QAM	3	1	20.63	20.56	20.55		
1.4	16QAM	3	3	20.59	20.72	20.61		
1.4	16QAM	6	0	20.29	20.54	20.61	22	0
1.4	64QAM	1	0	20.52	20.46	20.45	22	0
1.4	64QAM	1	3	20.66	20.64	20.65		
1.4	64QAM	1	5	20.54	20.67	20.66		
1.4	64QAM	3	0	20.50	20.41	20.41		
1.4	64QAM	3	1	20.62	20.59	20.61		
1.4	64QAM	3	3	20.53	20.70	20.63		
1.4	64QAM	6	0	19.47	19.57	19.92	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.88	22.05	21.93	23	0
10	QPSK	1	25	21.91	22.14	22.10		
10	QPSK	1	49	21.90	22.06	22.03		
10	QPSK	25	0	21.75	21.90	21.86	23	0
10	QPSK	25	12	21.75	21.97	21.91		
10	QPSK	25	25	21.82	21.89	21.81		
10	QPSK	50	0	21.81	21.95	21.85		
10	16QAM	1	0	22.12	22.12	22.12	23	0
10	16QAM	1	25	22.02	21.87	21.84		
10	16QAM	1	49	22.07	21.98	21.99		
10	16QAM	25	0	20.79	20.93	20.76	22	1
10	16QAM	25	12	20.69	21.08	20.82		
10	16QAM	25	25	20.89	21.04	20.93		
10	16QAM	50	0	20.81	20.99	20.77		
10	64QAM	1	0	21.13	21.21	21.02	22	1
10	64QAM	1	25	21.16	21.27	20.99		
10	64QAM	1	49	21.31	21.40	21.35		
10	64QAM	25	0	19.70	19.86	19.69	21	2
10	64QAM	25	12	19.83	20.17	19.81		
10	64QAM	25	25	19.82	20.13	19.95		
10	64QAM	50	0	19.81	19.97	19.79		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.85	22.01	21.88	23	0
5	QPSK	1	12	21.79	22.02	22.03		
5	QPSK	1	24	21.85	21.96	21.90		
5	QPSK	12	0	21.62	21.80	21.74	23	0
5	QPSK	12	7	21.68	21.84	21.81		
5	QPSK	12	13	21.75	21.80	21.70		
5	QPSK	25	0	21.74	21.82	21.72		
5	16QAM	1	0	22.10	22.01	22.03	23	0
5	16QAM	1	12	22.00	21.84	21.73		
5	16QAM	1	24	21.95	21.94	21.93		
5	16QAM	12	0	20.76	20.91	20.71	22	1
5	16QAM	12	7	20.60	21.06	20.69		
5	16QAM	12	13	20.89	20.91	20.84		
5	16QAM	25	0	20.73	20.86	20.64		
5	64QAM	1	0	21.00	21.18	20.91	22	1
5	64QAM	1	12	21.03	21.22	20.95		
5	64QAM	1	24	21.20	21.28	21.27		
5	64QAM	12	0	19.63	19.82	19.61	21	2
5	64QAM	12	7	19.74	20.11	19.79		
5	64QAM	12	13	19.69	20.00	19.82		
5	64QAM	25	0	19.76	19.95	19.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.83	22.00	21.87	23	0
3	QPSK	1	8	21.85	22.11	22.06		
3	QPSK	1	14	21.77	21.95	21.93		
3	QPSK	8	0	21.67	21.79	21.82	23	0
3	QPSK	8	4	21.63	21.95	21.81		
3	QPSK	8	7	21.74	21.85	21.72		
3	QPSK	15	0	21.68	21.93	21.77		
3	16QAM	1	0	22.09	22.08	22.09	23	0
3	16QAM	1	8	21.99	21.83	21.80		
3	16QAM	1	14	22.05	21.93	21.92		
3	16QAM	8	0	20.71	20.85	20.69	22	1
3	16QAM	8	4	20.59	20.98	20.75		
3	16QAM	8	7	20.78	20.93	20.90		
3	16QAM	15	0	20.69	20.87	20.67		
3	64QAM	1	0	21.01	21.13	20.98	22	1
3	64QAM	1	8	21.14	21.21	20.89		
3	64QAM	1	14	21.23	21.35	21.24		
3	64QAM	8	0	19.68	19.77	19.64	21	2
3	64QAM	8	4	19.78	20.15	19.77		
3	64QAM	8	7	19.71	20.02	19.91		
3	64QAM	15	0	19.70	19.95	19.76		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.83	21.97	21.87	23	0
1.4	QPSK	1	3	21.79	22.06	22.02		
1.4	QPSK	1	5	21.88	22.00	21.94		
1.4	QPSK	3	0	21.63	21.77	21.78		
1.4	QPSK	3	1	21.64	21.93	21.81		
1.4	QPSK	3	3	21.79	21.82	21.71		
1.4	QPSK	6	0	21.73	21.85	21.81	23	0
1.4	16QAM	1	0	22.04	22.07	22.07	23	0
1.4	16QAM	1	3	22.00	21.80	21.79		
1.4	16QAM	1	5	21.98	21.96	21.89		
1.4	16QAM	3	0	22.01	22.07	22.08		
1.4	16QAM	3	1	22.05	21.85	21.76		
1.4	16QAM	3	3	22.02	22.00	21.93		
1.4	16QAM	6	0	20.72	20.86	20.68	22	1
1.4	64QAM	1	0	21.07	21.15	20.95	22	1
1.4	64QAM	1	3	21.04	21.19	20.93		
1.4	64QAM	1	5	21.23	21.36	21.32		
1.4	64QAM	3	0	21.02	21.20	20.97		
1.4	64QAM	3	1	21.04	21.21	20.93		
1.4	64QAM	3	3	21.24	21.37	21.36		
1.4	64QAM	6	0	19.70	19.91	19.68	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.09	18.12	18.07	19	0
20	QPSK	1	49	18.32	18.44	18.39		
20	QPSK	1	99	18.02	18.05	18.02		
20	QPSK	50	0	18.37	18.37	18.22	19	0
20	QPSK	50	24	18.38	18.40	18.26		
20	QPSK	50	50	18.26	18.32	18.07		
20	QPSK	100	0	18.31	18.38	18.26		
20	16QAM	1	0	18.37	18.28	18.27	19	0
20	16QAM	1	49	18.43	18.39	18.42		
20	16QAM	1	99	18.29	18.34	18.22		
20	16QAM	50	0	18.17	18.38	18.15	19	0
20	16QAM	50	24	18.39	18.42	18.23		
20	16QAM	50	50	18.10	18.38	18.22		
20	16QAM	100	0	18.23	18.35	18.17		
20	64QAM	1	0	18.33	18.32	18.26	19	0
20	64QAM	1	49	18.36	18.41	18.39		
20	64QAM	1	99	18.30	18.25	18.24		
20	64QAM	50	0	18.28	18.43	17.99	19	0
20	64QAM	50	24	18.38	18.41	18.29		
20	64QAM	50	50	18.20	18.23	18.16		
20	64QAM	100	0	18.27	18.31	18.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.06	18.09	18.05	19	0
15	QPSK	1	37	18.22	18.34	18.34		
15	QPSK	1	74	17.93	17.97	17.96		
15	QPSK	36	0	18.29	18.26	18.11	19	0
15	QPSK	36	20	18.29	18.30	18.13		
15	QPSK	36	39	18.24	18.25	17.99		
15	QPSK	75	0	18.24	18.26	18.16		
15	16QAM	1	0	18.32	18.18	18.24	19	0
15	16QAM	1	37	18.31	18.30	18.36		
15	16QAM	1	74	18.17	18.23	18.11		
15	16QAM	36	0	18.05	18.28	18.10	19	0
15	16QAM	36	20	18.27	18.35	18.16		
15	16QAM	36	39	18.05	18.34	18.16		
15	16QAM	75	0	18.15	18.22	18.08		
15	64QAM	1	0	18.30	18.26	18.13	19	0
15	64QAM	1	37	18.23	18.28	18.32		
15	64QAM	1	74	18.19	18.14	18.19		
15	64QAM	36	0	18.21	18.36	17.92	19	0
15	64QAM	36	20	18.34	18.34	18.21		
15	64QAM	36	39	18.14	18.14	18.03		
15	64QAM	75	0	18.15	18.25	18.17		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.07	18.10	18.02	19	0
10	QPSK	1	25	18.27	18.38	18.26		
10	QPSK	1	49	17.92	17.95	17.90		
10	QPSK	25	0	18.24	18.24	18.15	19	0
10	QPSK	25	12	18.28	18.34	18.14		
10	QPSK	25	25	18.23	18.27	18.04		
10	QPSK	50	0	18.27	18.36	18.15		
10	16QAM	1	0	18.35	18.17	18.20	19	0
10	16QAM	1	25	18.38	18.28	18.33		
10	16QAM	1	49	18.25	18.24	18.10		
10	16QAM	25	0	18.11	18.34	18.05	19	0
10	16QAM	25	12	18.33	18.38	18.15		
10	16QAM	25	25	18.05	18.32	18.13		
10	16QAM	50	0	18.17	18.24	18.14		
10	64QAM	1	0	18.26	18.28	18.21	19	0
10	64QAM	1	25	18.31	18.38	18.26		
10	64QAM	1	49	18.19	18.12	18.21		
10	64QAM	25	0	18.25	18.40	17.93	19	0
10	64QAM	25	12	18.35	18.36	18.26		
10	64QAM	25	25	18.17	18.14	18.14		
10	64QAM	50	0	18.15	18.28	18.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.01	18.06	18.04	19	0
5	QPSK	1	12	18.24	18.42	18.28		
5	QPSK	1	24	17.96	17.92	17.90		
5	QPSK	12	0	18.31	18.35	18.16	19	0
5	QPSK	12	7	18.27	18.33	18.15		
5	QPSK	12	13	18.15	18.23	18.04		
5	QPSK	25	0	18.24	18.35	18.13		
5	16QAM	1	0	18.27	18.17	18.20	19	0
5	16QAM	1	12	18.36	18.28	18.34		
5	16QAM	1	24	18.23	18.24	18.15		
5	16QAM	12	0	18.09	18.28	18.02	19	0
5	16QAM	12	7	18.32	18.37	18.10		
5	16QAM	12	13	17.99	18.26	18.20		
5	16QAM	25	0	18.15	18.29	18.04		
5	64QAM	1	0	18.20	18.29	18.17	19	0
5	64QAM	1	12	18.33	18.33	18.30		
5	64QAM	1	24	18.28	18.23	18.22		
5	64QAM	12	0	18.18	18.33	17.90	19	0
5	64QAM	12	7	18.31	18.34	18.26		
5	64QAM	12	13	18.18	18.13	18.06		
5	64QAM	25	0	18.14	18.22	18.12		

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BW [MHz]	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	16.79	17.04	16.75	18	0
20	QPSK	1	49	16.89	17.16	16.85		
20	QPSK	1	99	16.74	16.81	16.75		
20	QPSK	50	0	16.79	17.04	16.79	18	0
20	QPSK	50	24	17.10	17.14	17.06		
20	QPSK	50	50	16.87	17.13	17.07		
20	QPSK	100	0	17.07	17.11	17.04		
20	16QAM	1	0	16.95	16.86	17.04	18	0
20	16QAM	1	49	16.87	17.11	16.80		
20	16QAM	1	99	16.78	16.70	17.00		
20	16QAM	50	0	17.10	17.00	16.70	18	0
20	16QAM	50	24	16.89	17.14	17.11		
20	16QAM	50	50	16.92	17.03	17.14		
20	16QAM	100	0	16.91	17.01	16.89		
20	64QAM	1	0	16.98	16.90	16.79	18	0
20	64QAM	1	49	16.78	17.12	17.08		
20	64QAM	1	99	16.97	16.86	16.83		
20	64QAM	50	0	16.87	17.09	16.80	18	0
20	64QAM	50	24	17.00	16.98	16.74		
20	64QAM	50	50	16.86	17.05	17.11		
20	64QAM	100	0	16.94	17.00	16.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.73	16.96	16.67	18	0
15	QPSK	1	37	16.78	17.12	16.76		
15	QPSK	1	74	16.63	16.79	16.68		
15	QPSK	36	0	16.76	17.00	16.73	18	0
15	QPSK	36	20	17.01	17.07	16.94		
15	QPSK	36	39	16.79	17.07	16.99		
15	QPSK	75	0	16.96	17.00	16.98		
15	16QAM	1	0	16.87	16.81	16.92	18	0
15	16QAM	1	37	16.74	16.98	16.68		
15	16QAM	1	74	16.71	16.68	16.94		
15	16QAM	36	0	16.99	16.91	16.57	18	0
15	16QAM	36	20	16.83	17.07	17.03		
15	16QAM	36	39	16.89	16.91	17.01		
15	16QAM	75	0	16.89	16.97	16.80		
15	64QAM	1	0	16.87	16.88	16.72	18	0
15	64QAM	1	37	16.74	16.99	17.06		
15	64QAM	1	74	16.87	16.83	16.70		
15	64QAM	36	0	16.79	17.05	16.70	18	0
15	64QAM	36	20	16.97	16.94	16.69		
15	64QAM	36	39	16.83	16.95	17.09		
15	64QAM	75	0	16.84	16.90	16.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.77	17.02	16.67	18	0
10	QPSK	1	25	16.78	17.06	16.80		
10	QPSK	1	49	16.64	16.75	16.65		
10	QPSK	25	0	16.66	17.01	16.73	18	0
10	QPSK	25	12	17.07	17.10	16.98		
10	QPSK	25	25	16.82	17.00	16.94		
10	QPSK	50	0	17.00	17.05	16.99		
10	16QAM	1	0	16.87	16.81	16.99	18	0
10	16QAM	1	25	16.85	17.02	16.72		
10	16QAM	1	49	16.69	16.60	16.96		
10	16QAM	25	0	16.98	16.88	16.68	18	0
10	16QAM	25	12	16.79	17.09	17.04		
10	16QAM	25	25	16.84	16.91	17.01		
10	16QAM	50	0	16.85	16.94	16.84		
10	64QAM	1	0	16.89	16.77	16.73	18	0
10	64QAM	1	25	16.71	17.00	16.98		
10	64QAM	1	49	16.94	16.75	16.72		
10	64QAM	25	0	16.75	17.02	16.74	18	0
10	64QAM	25	12	16.97	16.85	16.63		
10	64QAM	25	25	16.77	17.02	17.02		
10	64QAM	50	0	16.82	16.94	16.8		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.72	17.00	16.68	18	0
5	QPSK	1	12	16.79	17.07	16.73		
5	QPSK	1	24	16.66	16.77	16.63		
5	QPSK	12	0	16.76	16.98	16.77	18	0
5	QPSK	12	7	17.02	17.09	17.04		
5	QPSK	12	13	16.81	17.08	17.02		
5	QPSK	25	0	17.03	17.06	17.00		
5	16QAM	1	0	16.87	16.79	16.98	18	0
5	16QAM	1	12	16.79	17.04	16.77		
5	16QAM	1	24	16.72	16.58	16.88		
5	16QAM	12	0	17.08	16.96	16.61	18	0
5	16QAM	12	7	16.77	17.06	17.01		
5	16QAM	12	13	16.80	17.00	17.03		
5	16QAM	25	0	16.82	16.91	16.80		
5	64QAM	1	0	16.87	16.86	16.67	18	0
5	64QAM	1	12	16.73	17.09	17.01		
5	64QAM	1	24	16.93	16.74	16.73		
5	64QAM	12	0	16.84	17.05	16.71	18	0
5	64QAM	12	7	16.97	16.91	16.70		
5	64QAM	12	13	16.75	17.00	17.02		
5	64QAM	25	0	16.86	16.90	16.82		

Band 12_Ant 13

BW [MHz]	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	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		23.18		24	0
10	QPSK	1	25		23.21			
10	QPSK	1	49		23.16			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.75			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.15		23	1
10	16QAM	1	25		21.70			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.74		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.72			
10	16QAM	50	0		20.75			
10	64QAM	1	0		21.13		22	2
10	64QAM	1	25		20.99			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.75		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.69			
10	64QAM	50	0		19.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.64	22.71	22.83	24	0
5	QPSK	1	12	22.95	22.69	22.89		
5	QPSK	1	24	22.73	22.59	23.04		
5	QPSK	12	0	21.68	21.80	21.70	23	1
5	QPSK	12	7	21.64	21.66	21.63		
5	QPSK	12	13	21.70	21.66	21.71		
5	QPSK	25	0	21.63	21.88	21.72		
5	16QAM	1	0	21.82	21.80	21.95	23	1
5	16QAM	1	12	22.07	21.69	22.03		
5	16QAM	1	24	21.95	22.02	22.12		
5	16QAM	12	0	20.59	20.79	20.75	22	2
5	16QAM	12	7	20.72	20.68	20.76		
5	16QAM	12	13	20.71	20.70	20.71		
5	16QAM	25	0	20.56	20.79	20.74		
5	64QAM	1	0	20.87	20.73	21.19	22	2
5	64QAM	1	12	20.95	21.22	21.16		
5	64QAM	1	24	20.91	20.79	20.83		
5	64QAM	12	0	19.63	19.82	19.83	21	3
5	64QAM	12	7	19.76	19.69	19.67		
5	64QAM	12	13	19.62	19.77	19.66		
5	64QAM	25	0	19.69	19.74	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	23.11	23.27	23.02	24	0
15	QPSK	1	37	23.21	23.31	23.17		
15	QPSK	1	74	23.20	23.24	23.09		
15	QPSK	36	0	22.21	22.27	22.19	23	1
15	QPSK	36	20	22.28	22.33	22.24		
15	QPSK	36	39	22.03	22.11	21.85		
15	QPSK	75	0	22.22	22.25	22.13		
15	16QAM	1	0	22.59	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.42	22.32		
15	16QAM	1	74	22.74	22.51	22.29		
15	16QAM	36	0	21.32	21.26	21.35	22	2
15	16QAM	36	20	21.11	21.20	20.98		
15	16QAM	36	39	20.91	20.85	20.96		
15	16QAM	75	0	21.11	21.08	20.94		
15	64QAM	1	0	21.32	21.35	21.34	22	2
15	64QAM	1	37	21.13	21.32	20.93		
15	64QAM	1	74	21.23	21.29	21.11		
15	64QAM	36	0	20.32	20.20	20.14	21	3
15	64QAM	36	20	20.12	19.92	19.96		
15	64QAM	36	39	19.89	19.83	19.87		
15	64QAM	75	0	20.09	19.98	19.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.30	23.28	23.20	24	0
10	QPSK	1	25	23.01	23.13	23.12		
10	QPSK	1	49	23.20	23.08	23.30		
10	QPSK	25	0	22.13	21.85	21.99	23	1
10	QPSK	25	12	22.08	21.96	22.17		
10	QPSK	25	25	22.05	21.99	22.16		
10	QPSK	50	0	22.03	21.96	22.08		
10	16QAM	1	0	22.48	22.33	22.30	23	1
10	16QAM	1	25	22.13	22.31	22.63		
10	16QAM	1	49	22.47	22.43	22.52		
10	16QAM	25	0	21.14	20.96	20.95	22	2
10	16QAM	25	12	21.03	21.02	21.03		
10	16QAM	25	25	20.92	21.03	21.18		
10	16QAM	50	0	21.05	20.93	21.29		
10	64QAM	1	0	21.33	21.13	21.37	22	2
10	64QAM	1	25	21.26	21.04	20.96		
10	64QAM	1	49	21.38	21.08	21.29		
10	64QAM	25	0	19.92	19.86	20.01	21	3
10	64QAM	25	12	20.02	19.81	20.11		
10	64QAM	25	25	20.06	20.08	20.17		
10	64QAM	50	0	20.09	19.90	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	22.96	23.05	24	0
5	QPSK	1	12	22.90	22.80	22.76		
5	QPSK	1	24	22.80	23.18	22.82		
5	QPSK	12	0	21.99	21.87	22.08	23	1
5	QPSK	12	7	22.05	22.00	21.96		
5	QPSK	12	13	22.01	21.89	21.98		
5	QPSK	25	0	22.09	21.93	22.10		
5	16QAM	1	0	22.03	22.41	22.43	23	1
5	16QAM	1	12	22.13	22.06	22.33		
5	16QAM	1	24	22.40	22.20	22.16		
5	16QAM	12	0	20.99	20.86	21.14	22	2
5	16QAM	12	7	21.13	20.99	20.90		
5	16QAM	12	13	21.05	21.12	21.03		
5	16QAM	25	0	21.12	20.77	21.15		
5	64QAM	1	0	20.98	20.94	21.39	22	2
5	64QAM	1	12	21.28	21.24	21.19		
5	64QAM	1	24	21.23	20.96	21.13		
5	64QAM	12	0	20.04	19.98	20.19	21	3
5	64QAM	12	7	20.14	20.07	20.10		
5	64QAM	12	13	20.06	19.90	20.10		
5	64QAM	25	0	20.07	19.99	19.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.19	23.17	23.15	24	0
3	QPSK	1	8	22.80	22.87	22.72		
3	QPSK	1	14	22.79	22.84	23.07		
3	QPSK	8	0	21.88	21.76	21.93	23	1
3	QPSK	8	4	22.01	21.97	22.05		
3	QPSK	8	7	22.02	21.87	21.96		
3	QPSK	15	0	21.97	21.70	21.94		
3	16QAM	1	0	22.01	22.31	22.25	23	1
3	16QAM	1	8	22.29	21.93	22.30		
3	16QAM	1	14	22.10	22.16	22.34		
3	16QAM	8	0	20.96	20.80	20.95	22	2
3	16QAM	8	4	20.93	20.86	21.04		
3	16QAM	8	7	20.99	20.97	20.97		
3	16QAM	15	0	21.04	20.87	20.94		
3	64QAM	1	0	20.97	21.10	21.22	22	2
3	64QAM	1	8	21.36	21.06	20.96		
3	64QAM	1	14	21.21	20.99	21.05		
3	64QAM	8	0	19.99	19.98	20.14	21	3
3	64QAM	8	4	20.00	19.95	20.04		
3	64QAM	8	7	19.99	19.79	20.10		
3	64QAM	15	0	19.87	19.82	20.15		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.99	22.77	22.94	24	0
1.4	QPSK	1	3	23.01	22.91	22.92		
1.4	QPSK	1	5	22.87	22.86	22.96		
1.4	QPSK	3	0	23.04	22.82	23.06		
1.4	QPSK	3	1	23.13	23.07	23.14		
1.4	QPSK	3	3	23.07	23.04	23.27		
1.4	QPSK	6	0	22.03	21.75	21.95	23	1
1.4	16QAM	1	0	22.50	22.08	22.53	23	1
1.4	16QAM	1	3	22.45	22.03	22.24		
1.4	16QAM	1	5	22.50	22.07	22.30		
1.4	16QAM	3	0	22.08	21.72	22.11		
1.4	16QAM	3	1	22.01	21.82	21.89		
1.4	16QAM	3	3	21.87	21.86	22.07		
1.4	16QAM	6	0	21.15	20.88	21.09	22	2
1.4	64QAM	1	0	21.26	21.08	21.15	22	2
1.4	64QAM	1	3	21.31	21.43	21.17		
1.4	64QAM	1	5	21.42	21.33	21.03		
1.4	64QAM	3	0	21.02	21.05	21.28		
1.4	64QAM	3	1	21.49	21.03	21.22		
1.4	64QAM	3	3	21.27	21.03	21.08		
1.4	64QAM	6	0	19.94	19.89	19.98	21	3

Band 26_Ant 31

BW [MHz]	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	23.21	23.36	23.24	24	0
15	QPSK	1	37	23.33	23.42	23.40		
15	QPSK	1	74	23.20	23.31	23.29		
15	QPSK	36	0	22.21	22.28	22.27	23	1
15	QPSK	36	20	22.25	22.31	22.28		
15	QPSK	36	39	22.05	22.21	22.16		
15	QPSK	75	0	22.10	22.28	22.26		
15	16QAM	1	0	22.33	22.51	22.50	23	1
15	16QAM	1	37	22.33	22.41	22.36		
15	16QAM	1	74	22.34	22.53	22.23		
15	16QAM	36	0	21.12	20.91	21.06	22	2
15	16QAM	36	20	21.05	20.98	21.21		
15	16QAM	36	39	21.27	20.89	21.22		
15	16QAM	75	0	21.21	20.99	21.20		
15	64QAM	1	0	21.38	21.47	21.23	22	2
15	64QAM	1	37	21.37	21.25	21.29		
15	64QAM	1	74	21.46	21.07	21.34		
15	64QAM	36	0	20.04	19.94	19.98	21	3
15	64QAM	36	20	20.06	19.87	20.13		
15	64QAM	36	39	19.91	19.84	20.16		
15	64QAM	75	0	20.06	19.93	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.33	23.35	23.29	24	0
10	QPSK	1	25	23.02	23.34	23.09		
10	QPSK	1	49	23.24	23.40	23.01		
10	QPSK	25	0	22.24	22.05	22.05	23	1
10	QPSK	25	12	22.19	21.94	22.16		
10	QPSK	25	25	22.14	22.14	22.21		
10	QPSK	50	0	22.07	22.07	22.19		
10	16QAM	1	0	22.39	22.50	22.61	23	1
10	16QAM	1	25	22.42	22.55	22.34		
10	16QAM	1	49	22.32	22.64	22.25		
10	16QAM	25	0	21.24	21.06	21.13	22	2
10	16QAM	25	12	21.22	21.05	21.26		
10	16QAM	25	25	21.29	21.07	21.22		
10	16QAM	50	0	21.28	20.98	21.23		
10	64QAM	1	0	21.54	21.47	21.27	22	2
10	64QAM	1	25	21.49	21.31	21.33		
10	64QAM	1	49	21.56	21.18	21.35		
10	64QAM	25	0	20.12	20.06	20.06	21	3
10	64QAM	25	12	20.22	19.95	20.17		
10	64QAM	25	25	20.09	19.97	20.20		
10	64QAM	50	0	20.11	19.97	20.11		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.06	23.15	23.15	24	0
5	QPSK	1	12	23.02	23.21	23.01		
5	QPSK	1	24	23.13	23.21	22.84		
5	QPSK	12	0	22.06	21.99	22.05	23	1
5	QPSK	12	7	22.19	21.85	22.01		
5	QPSK	12	13	22.05	21.97	22.13		
5	QPSK	25	0	22.09	22.06	22.20		
5	16QAM	1	0	22.40	22.32	22.46	23	1
5	16QAM	1	12	22.35	22.43	22.29		
5	16QAM	1	24	22.30	22.46	22.12		
5	16QAM	12	0	21.23	20.90	20.99	22	2
5	16QAM	12	7	21.05	20.88	21.16		
5	16QAM	12	13	21.13	20.97	21.04		
5	16QAM	25	0	21.29	20.94	21.10		
5	64QAM	1	0	21.54	21.40	21.25	22	2
5	64QAM	1	12	21.50	21.28	21.35		
5	64QAM	1	24	21.55	21.19	21.37		
5	64QAM	12	0	20.01	20.03	19.89	21	3
5	64QAM	12	7	20.21	19.82	20.03		
5	64QAM	12	13	20.06	19.97	20.21		
5	64QAM	25	0	19.93	19.82	19.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.27	22.96	23.03	24	0
3	QPSK	1	8	23.15	22.92	23.00		
3	QPSK	1	14	23.10	22.99	23.05		
3	QPSK	8	0	22.26	21.92	22.07	23	1
3	QPSK	8	4	22.15	22.06	22.13		
3	QPSK	8	7	22.16	22.19	22.10		
3	QPSK	15	0	22.15	21.92	22.06		
3	16QAM	1	0	22.35	22.11	22.22	23	1
3	16QAM	1	8	22.35	22.00	22.41		
3	16QAM	1	14	22.31	22.39	22.09		
3	16QAM	8	0	21.10	21.00	21.05	22	2
3	16QAM	8	4	21.26	21.08	21.05		
3	16QAM	8	7	21.24	20.99	21.05		
3	16QAM	15	0	20.99	21.02	21.19		
3	64QAM	1	0	21.16	21.12	21.38	22	2
3	64QAM	1	8	21.00	21.45	21.19		
3	64QAM	1	14	21.11	21.26	21.37		
3	64QAM	8	0	20.09	19.98	20.09	21	3
3	64QAM	8	4	20.32	20.10	20.06		
3	64QAM	8	7	20.20	20.12	20.17		
3	64QAM	15	0	19.98	19.98	20.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.15	22.84	22.95	24	0
1.4	QPSK	1	3	23.31	23.01	23.08		
1.4	QPSK	1	5	22.94	22.86	22.95		
1.4	QPSK	3	0	23.15	22.98	23.07		
1.4	QPSK	3	1	23.18	23.03	23.04		
1.4	QPSK	3	3	23.15	22.98	23.02		
1.4	QPSK	6	0	22.09	21.90	22.00	23	1
1.4	16QAM	1	0	22.36	22.00	22.23	23	1
1.4	16QAM	1	3	22.30	22.19	22.37		
1.4	16QAM	1	5	22.45	21.96	22.21		
1.4	16QAM	3	0	22.05	21.73	22.12		
1.4	16QAM	3	1	22.20	21.92	22.11		
1.4	16QAM	3	3	22.21	21.79	22.05		
1.4	16QAM	6	0	21.29	21.09	21.18	22	2
1.4	64QAM	1	0	21.38	21.30	21.06	22	2
1.4	64QAM	1	3	21.49	21.27	21.17		
1.4	64QAM	1	5	21.38	21.28	21.31		
1.4	64QAM	3	0	21.32	21.06	20.85		
1.4	64QAM	3	1	21.31	21.16	21.27		
1.4	64QAM	3	3	21.26	21.22	21.17		
1.4	64QAM	6	0	20.06	19.83	19.98	21	3

Band 66_Ant 13

BW [MHz]	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	19.11	19.09	18.89	20	0
20	QPSK	1	49	19.16	19.23	18.91		
20	QPSK	1	99	18.94	19.05	18.82		
20	QPSK	50	0	19.02	19.16	18.90	20	0
20	QPSK	50	24	19.08	19.20	19.16		
20	QPSK	50	50	19.11	18.93	18.85		
20	QPSK	100	0	19.06	19.10	18.89		
20	16QAM	1	0	19.21	19.22	19.17	20	0
20	16QAM	1	49	19.22	19.18	19.16		
20	16QAM	1	99	19.17	19.17	19.20		
20	16QAM	50	0	19.06	19.10	19.14	20	0
20	16QAM	50	24	19.16	19.12	18.93		
20	16QAM	50	50	19.12	18.92	18.97		
20	16QAM	100	0	19.17	18.91	19.00		
20	64QAM	1	0	19.08	18.97	19.15	20	0
20	64QAM	1	49	19.17	19.18	19.01		
20	64QAM	1	99	19.21	19.18	18.92		
20	64QAM	50	0	19.18	18.97	19.02	20	0
20	64QAM	50	24	19.14	19.11	19.05		
20	64QAM	50	50	19.12	19.15	18.92		
20	64QAM	100	0	19.15	18.98	18.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.06	19.06	18.81	20	0
15	QPSK	1	37	19.09	19.21	18.81		
15	QPSK	1	74	18.90	19.03	18.69		
15	QPSK	36	0	18.92	19.07	18.80	20	0
15	QPSK	36	20	19.03	19.09	19.06		
15	QPSK	36	39	19.08	18.83	18.75		
15	QPSK	75	0	19.00	19.08	18.83		
15	16QAM	1	0	19.13	19.11	19.11	20	0
15	16QAM	1	37	19.14	19.15	19.10		
15	16QAM	1	74	19.04	19.11	19.13		
15	16QAM	36	0	18.99	19.04	19.10	20	0
15	16QAM	36	20	19.12	19.04	18.83		
15	16QAM	36	39	19.02	18.90	18.84		
15	16QAM	75	0	19.04	18.82	18.92		
15	64QAM	1	0	19.05	18.89	19.13	20	0
15	64QAM	1	37	19.12	19.14	18.96		
15	64QAM	1	74	19.13	19.07	18.82		
15	64QAM	36	0	19.10	18.91	18.90	20	0
15	64QAM	36	20	19.06	18.99	19.01		
15	64QAM	36	39	19.10	19.08	18.79		
15	64QAM	75	0	19.06	18.89	18.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.09	19.07	18.85	20	0
10	QPSK	1	25	19.14	19.16	18.85		
10	QPSK	1	49	18.84	18.93	18.75		
10	QPSK	25	0	18.95	19.10	18.80	20	0
10	QPSK	25	12	19.01	19.11	19.04		
10	QPSK	25	25	19.04	18.89	18.83		
10	QPSK	50	0	19.02	19.08	18.84		
10	16QAM	1	0	19.19	19.11	19.13	20	0
10	16QAM	1	25	19.18	19.11	19.10		
10	16QAM	1	49	19.04	19.11	19.15		
10	16QAM	25	0	19.02	19.01	19.06	20	0
10	16QAM	25	12	19.13	19.03	18.90		
10	16QAM	25	25	19.09	18.90	18.94		
10	16QAM	50	0	19.05	18.87	18.92		
10	64QAM	1	0	19.01	18.92	19.10	20	0
10	64QAM	1	25	19.06	19.08	18.98		
10	64QAM	1	49	19.18	19.05	18.88		
10	64QAM	25	0	19.11	18.93	18.90	20	0
10	64QAM	25	12	19.02	19.03	19.02		
10	64QAM	25	25	19.00	19.13	18.79		
10	64QAM	50	0	19.04	18.86	18.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.04	19.03	18.82	20	0
5	QPSK	1	12	19.06	19.14	18.81		
5	QPSK	1	24	18.89	18.98	18.72		
5	QPSK	12	0	18.89	19.07	18.78	20	0
5	QPSK	12	7	18.95	19.13	19.13		
5	QPSK	12	13	19.09	18.83	18.81		
5	QPSK	25	0	18.97	19.06	18.82		
5	16QAM	1	0	19.16	19.12	19.13	20	0
5	16QAM	1	12	19.16	19.13	19.06		
5	16QAM	1	24	19.04	19.04	19.14		
5	16QAM	12	0	18.94	19.07	19.09	20	0
5	16QAM	12	7	19.07	19.02	18.89		
5	16QAM	12	13	19.07	18.88	18.84		
5	16QAM	25	0	19.08	18.89	18.95		
5	64QAM	1	0	18.97	18.90	19.08	20	0
5	64QAM	1	12	19.08	19.12	18.94		
5	64QAM	1	24	19.09	19.11	18.80		
5	64QAM	12	0	19.09	18.86	18.95	20	0
5	64QAM	12	7	19.09	19.02	19.03		
5	64QAM	12	13	19.01	19.08	18.80		
5	64QAM	25	0	19.11	18.88	18.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.05	19.02	18.85	20	0
3	QPSK	1	8	19.13	19.19	18.85		
3	QPSK	1	14	18.85	18.97	18.74		
3	QPSK	8	0	18.96	19.13	18.85	20	0
3	QPSK	8	4	19.01	19.13	19.07		
3	QPSK	8	7	19.06	18.88	18.72		
3	QPSK	15	0	19.03	19.01	18.81		
3	16QAM	1	0	19.13	19.11	19.14	20	0
3	16QAM	1	8	19.11	19.14	19.10		
3	16QAM	1	14	19.06	19.15	19.18		
3	16QAM	8	0	18.94	19.04	19.10	20	0
3	16QAM	8	4	19.07	19.08	18.81		
3	16QAM	8	7	19.06	18.83	18.92		
3	16QAM	15	0	19.15	18.85	18.92		
3	64QAM	1	0	19.03	18.91	19.02	20	0
3	64QAM	1	8	19.12	19.13	18.98		
3	64QAM	1	14	19.18	19.13	18.79		
3	64QAM	8	0	19.16	18.95	18.91	20	0
3	64QAM	8	4	19.08	19.08	19.02		
3	64QAM	8	7	19.09	19.02	18.89		
3	64QAM	15	0	19.13	18.87	18.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.03	19.07	18.85	20	0
1.4	QPSK	1	3	19.12	19.10	18.81		
1.4	QPSK	1	5	18.86	18.92	18.73		
1.4	QPSK	3	0	18.97	19.10	18.87		
1.4	QPSK	3	1	18.98	19.10	19.03		
1.4	QPSK	3	3	19.05	18.91	18.82		
1.4	QPSK	6	0	18.94	18.97	18.85	20	0
1.4	16QAM	1	0	19.17	19.09	19.12	20	0
1.4	16QAM	1	3	19.13	19.15	19.08		
1.4	16QAM	1	5	19.05	19.06	19.12		
1.4	16QAM	3	0	19.00	19.01	19.04		
1.4	16QAM	3	1	19.05	19.10	18.83		
1.4	16QAM	3	3	19.03	18.79	18.95		
1.4	16QAM	6	0	19.12	18.86	18.98	20	0
1.4	64QAM	1	0	19.05	18.95	19.12	20	0
1.4	64QAM	1	3	19.07	19.06	18.99		
1.4	64QAM	1	5	19.19	19.08	18.82		
1.4	64QAM	3	0	19.08	18.87	18.98		
1.4	64QAM	3	1	19.05	19.05	18.98		
1.4	64QAM	3	3	19.10	19.08	18.82		
1.4	64QAM	6	0	19.03	18.87	18.91	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.48	20.54	20.47	21.5	0
20	QPSK	1	49	20.57	20.64	20.54		
20	QPSK	1	99	20.19	20.41	20.18		
20	QPSK	50	0	20.43	20.61	20.21	21.5	0
20	QPSK	50	24	20.59	20.62	20.55		
20	QPSK	50	50	20.43	20.46	20.37		
20	QPSK	100	0	20.48	20.50	20.37		
20	16QAM	1	0	20.58	20.57	20.62	21.5	0
20	16QAM	1	49	20.56	20.59	20.54		
20	16QAM	1	99	20.60	20.37	20.39		
20	16QAM	50	0	20.47	20.58	20.57	21.5	0
20	16QAM	50	24	20.25	20.38	20.50		
20	16QAM	50	50	20.31	20.34	20.50		
20	16QAM	100	0	20.44	20.26	20.49		
20	64QAM	1	0	20.60	20.62	20.58	21.5	0
20	64QAM	1	49	20.59	20.39	20.60		
20	64QAM	1	99	20.51	20.40	20.55		
20	64QAM	50	0	19.95	19.97	19.83	21	0.5
20	64QAM	50	24	19.96	19.79	19.79		
20	64QAM	50	50	19.83	19.79	19.75		
20	64QAM	100	0	19.83	19.94	19.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.40	20.50	20.39	21.5	0
15	QPSK	1	37	20.53	20.55	20.45		
15	QPSK	1	74	20.08	20.39	20.11		
15	QPSK	36	0	20.34	20.51	20.19	21.5	0
15	QPSK	36	20	20.46	20.52	20.45		
15	QPSK	36	39	20.39	20.39	20.24		
15	QPSK	75	0	20.40	20.42	20.29		
15	16QAM	1	0	20.48	20.45	20.55	21.5	0
15	16QAM	1	37	20.47	20.50	20.45		
15	16QAM	1	74	20.48	20.30	20.29		
15	16QAM	36	0	20.38	20.51	20.52	21.5	0
15	16QAM	36	20	20.16	20.30	20.42		
15	16QAM	36	39	20.21	20.28	20.45		
15	16QAM	75	0	20.42	20.13	20.40		
15	64QAM	1	0	20.56	20.54	20.56	21.5	0
15	64QAM	1	37	20.53	20.27	20.50		
15	64QAM	1	74	20.46	20.31	20.51		
15	64QAM	36	0	19.92	19.90	19.78	21	0.5
15	64QAM	36	20	19.83	19.68	19.77		
15	64QAM	36	39	19.74	19.67	19.67		
15	64QAM	75	0	19.72	19.84	19.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.46	20.48	20.43	21.5	0
10	QPSK	1	25	20.53	20.58	20.52		
10	QPSK	1	49	20.06	20.39	20.16		
10	QPSK	25	0	20.41	20.52	20.19	21.5	0
10	QPSK	25	12	20.52	20.57	20.47		
10	QPSK	25	25	20.34	20.34	20.25		
10	QPSK	50	0	20.36	20.40	20.25		
10	16QAM	1	0	20.47	20.51	20.49	21.5	0
10	16QAM	1	25	20.44	20.47	20.50		
10	16QAM	1	49	20.50	20.32	20.36		
10	16QAM	25	0	20.43	20.52	20.47	21.5	0
10	16QAM	25	12	20.23	20.30	20.44		
10	16QAM	25	25	20.19	20.22	20.40		
10	16QAM	50	0	20.40	20.19	20.40		
10	64QAM	1	0	20.49	20.55	20.48	21.5	0
10	64QAM	1	25	20.52	20.34	20.52		
10	64QAM	1	49	20.42	20.37	20.52		
10	64QAM	25	0	19.83	19.91	19.72	21	0.5
10	64QAM	25	12	19.88	19.70	19.66		
10	64QAM	25	25	19.71	19.76	19.73		
10	64QAM	50	0	19.81	19.85	19.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.42	20.49	20.42	21.5	0
5	QPSK	1	12	20.46	20.54	20.43		
5	QPSK	1	24	20.12	20.31	20.11		
5	QPSK	12	0	20.34	20.58	20.10	21.5	0
5	QPSK	12	7	20.47	20.50	20.49		
5	QPSK	12	13	20.31	20.39	20.25		
5	QPSK	25	0	20.36	20.43	20.33		
5	16QAM	1	0	20.45	20.47	20.55	21.5	0
5	16QAM	1	12	20.54	20.51	20.48		
5	16QAM	1	24	20.52	20.30	20.35		
5	16QAM	12	0	20.38	20.50	20.45	21.5	0
5	16QAM	12	7	20.12	20.31	20.37		
5	16QAM	12	13	20.18	20.27	20.45		
5	16QAM	25	0	20.39	20.22	20.37		
5	64QAM	1	0	20.53	20.55	20.47	21.5	0
5	64QAM	1	12	20.56	20.32	20.57		
5	64QAM	1	24	20.40	20.28	20.46		
5	64QAM	12	0	19.91	19.88	19.79	21	0.5
5	64QAM	12	7	19.85	19.68	19.75		
5	64QAM	12	13	19.75	19.68	19.63		
5	64QAM	25	0	19.80	19.86	19.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.42	20.48	20.42	21.5	0
3	QPSK	1	8	20.48	20.57	20.49		
3	QPSK	1	14	20.10	20.32	20.13		
3	QPSK	8	0	20.31	20.51	20.16	21.5	0
3	QPSK	8	4	20.54	20.59	20.49		
3	QPSK	8	7	20.31	20.42	20.33		
3	QPSK	15	0	20.39	20.47	20.25		
3	16QAM	1	0	20.54	20.52	20.52	21.5	0
3	16QAM	1	8	20.50	20.46	20.52		
3	16QAM	1	14	20.56	20.30	20.26		
3	16QAM	8	0	20.42	20.53	20.52	21.5	0
3	16QAM	8	4	20.19	20.27	20.41		
3	16QAM	8	7	20.27	20.32	20.38		
3	16QAM	15	0	20.37	20.15	20.41		
3	64QAM	1	0	20.54	20.54	20.53	21.5	0
3	64QAM	1	8	20.56	20.29	20.54		
3	64QAM	1	14	20.47	20.31	20.51		
3	64QAM	8	0	19.86	19.93	19.72	21	0.5
3	64QAM	8	4	19.87	19.75	19.68		
3	64QAM	8	7	19.75	19.76	19.67		
3	64QAM	15	0	19.75	19.84	19.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.41	20.52	20.45	21.5	0
1.4	QPSK	1	3	20.47	20.62	20.49		
1.4	QPSK	1	5	20.13	20.33	20.05		
1.4	QPSK	3	0	20.32	20.53	20.14		
1.4	QPSK	3	1	20.54	20.53	20.42		
1.4	QPSK	3	3	20.40	20.39	20.28		
1.4	QPSK	6	0	20.45	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.17	21.13	21.14	22	0
20	QPSK	1	49	21.31	21.45	21.30		
20	QPSK	1	99	21.30	21.44	21.23		
20	QPSK	50	0	21.29	21.21	21.35	22	0
20	QPSK	50	24	21.34	21.42	21.34		
20	QPSK	50	50	21.42	21.32	21.30		
20	QPSK	100	0	21.37	21.40	21.30		
20	16QAM	1	0	21.35	21.33	21.27	22	0
20	16QAM	1	49	21.35	21.42	21.36		
20	16QAM	1	99	21.41	21.38	21.39		
20	16QAM	50	0	21.44	21.24	21.41	22	0
20	16QAM	50	24	21.32	21.33	21.34		
20	16QAM	50	50	21.38	21.40	21.37		
20	16QAM	100	0	21.39	21.44	21.41		
20	64QAM	1	0	21.03	21.22	21.05	22	0
20	64QAM	1	49	21.38	21.10	21.14		
20	64QAM	1	99	21.39	21.13	21.11		
20	64QAM	50	0	20.38	20.29	20.29	21	1
20	64QAM	50	24	20.47	20.29	20.43		
20	64QAM	50	50	20.38	20.44	20.43		
20	64QAM	100	0	20.42	20.30	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.14	21.11	21.11	22	0
15	QPSK	1	37	21.19	21.40	21.19		
15	QPSK	1	74	21.25	21.36	21.20		
15	QPSK	36	0	21.17	21.17	21.22	22	0
15	QPSK	36	20	21.24	21.38	21.25		
15	QPSK	36	39	21.36	21.26	21.23		
15	QPSK	75	0	21.25	21.29	21.28		
15	16QAM	1	0	21.26	21.25	21.18	22	0
15	16QAM	1	37	21.24	21.29	21.34		
15	16QAM	1	74	21.28	21.35	21.27		
15	16QAM	36	0	21.41	21.12	21.29	22	0
15	16QAM	36	20	21.27	21.24	21.22		
15	16QAM	36	39	21.33	21.32	21.30		
15	16QAM	75	0	21.26	21.41	21.33		
15	64QAM	1	0	20.98	21.19	20.94	22	0
15	64QAM	1	37	21.36	21.08	21.10		
15	64QAM	1	74	21.35	21.09	21.04		
15	64QAM	36	0	20.29	20.22	20.21	21	1
15	64QAM	36	20	20.44	20.17	20.31		
15	64QAM	36	39	20.29	20.42	20.30		
15	64QAM	75	0	20.37	20.22	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.11	21.05	21.09	22	0
10	QPSK	1	25	21.24	21.40	21.17		
10	QPSK	1	49	21.27	21.41	21.18		
10	QPSK	25	0	21.27	21.13	21.27	22	0
10	QPSK	25	12	21.27	21.36	21.22		
10	QPSK	25	25	21.40	21.26	21.23		
10	QPSK	50	0	21.34	21.37	21.24		
10	16QAM	1	0	21.24	21.26	21.23	22	0
10	16QAM	1	25	21.27	21.30	21.29		
10	16QAM	1	49	21.32	21.32	21.36		
10	16QAM	25	0	21.33	21.19	21.33	22	0
10	16QAM	25	12	21.30	21.28	21.32		
10	16QAM	25	25	21.31	21.35	21.25		
10	16QAM	50	0	21.26	21.41	21.33		
10	64QAM	1	0	21.00	21.20	20.96	22	0
10	64QAM	1	25	21.31	21.01	21.07		
10	64QAM	1	49	21.32	21.00	21.02		
10	64QAM	25	0	20.33	20.23	20.16	21	1
10	64QAM	25	12	20.43	20.23	20.39		
10	64QAM	25	25	20.26	20.36	20.31		
10	64QAM	50	0	20.39	20.22	20.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.09	21.11	21.08	22	0
5	QPSK	1	12	21.21	21.38	21.17		
5	QPSK	1	24	21.26	21.42	21.21		
5	QPSK	12	0	21.20	21.13	21.25	22	0
5	QPSK	12	7	21.24	21.32	21.27		
5	QPSK	12	13	21.36	21.27	21.22		
5	QPSK	25	0	21.33	21.35	21.27		
5	16QAM	1	0	21.32	21.29	21.16	22	0
5	16QAM	1	12	21.33	21.35	21.27		
5	16QAM	1	24	21.29	21.33	21.31		
5	16QAM	12	0	21.31	21.19	21.34	22	0
5	16QAM	12	7	21.22	21.28	21.25		
5	16QAM	12	13	21.28	21.32	21.30		
5	16QAM	25	0	21.37	21.35	21.29		
5	64QAM	1	0	20.98	21.14	20.99	22	0
5	64QAM	1	12	21.33	21.00	21.02		
5	64QAM	1	24	21.37	21.11	21.08		
5	64QAM	12	0	20.36	20.23	20.17	21	1
5	64QAM	12	7	20.42	20.16	20.40		
5	64QAM	12	13	20.26	20.34	20.36		
5	64QAM	25	0	20.30	20.17	20.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.99	19.08	19.08	20	0
20	QPSK	1	49	19.11	19.21	19.10		
20	QPSK	1	99	19.03	19.12	19.07		
20	QPSK	50	0	19.03	19.16	19.12	20	0
20	QPSK	50	24	19.16	19.18	19.10		
20	QPSK	50	50	19.10	19.11	19.15		
20	QPSK	100	0	19.05	19.16	19.12		
20	16QAM	1	0	19.18	19.19	19.14	20	0
20	16QAM	1	49	19.19	19.14	19.19		
20	16QAM	1	99	19.18	19.13	19.17		
20	16QAM	50	0	19.07	19.14	19.19	20	0
20	16QAM	50	24	19.09	19.07	19.13		
20	16QAM	50	50	19.02	19.18	19.12		
20	16QAM	100	0	19.01	19.15	19.15		
20	64QAM	1	0	19.00	18.90	18.81	20	0
20	64QAM	1	49	18.94	18.92	18.88		
20	64QAM	1	99	19.01	18.63	18.91		
20	64QAM	50	0	19.07	19.01	19.14	20	0
20	64QAM	50	24	19.13	19.14	19.11		
20	64QAM	50	50	19.07	19.15	19.12		
20	64QAM	100	0	19.16	18.98	19.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.97	19.04	19.02	20	0
15	QPSK	1	37	19.03	19.16	19.07		
15	QPSK	1	74	19.01	19.03	18.94		
15	QPSK	36	0	19.00	19.06	19.08	20	0
15	QPSK	36	20	19.04	19.06	19.08		
15	QPSK	36	39	19.05	18.98	19.13		
15	QPSK	75	0	19.02	19.14	19.02		
15	16QAM	1	0	19.14	19.07	19.10	20	0
15	16QAM	1	37	19.06	19.02	19.12		
15	16QAM	1	74	19.06	19.04	19.15		
15	16QAM	36	0	18.95	19.05	19.12	20	0
15	16QAM	36	20	19.07	18.97	19.02		
15	16QAM	36	39	18.89	19.12	19.09		
15	16QAM	75	0	18.93	19.10	19.12		
15	64QAM	1	0	18.95	18.79	18.73	20	0
15	64QAM	1	37	18.84	18.89	18.85		
15	64QAM	1	74	18.92	18.50	18.89		
15	64QAM	36	0	18.95	18.93	19.01	20	0
15	64QAM	36	20	19.06	19.11	19.04		
15	64QAM	36	39	19.03	19.13	19.06		
15	64QAM	75	0	19.05	18.85	19.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.94	19.02	19.00	20	0
10	QPSK	1	25	19.07	19.19	19.07		
10	QPSK	1	49	19.01	19.06	19.00		
10	QPSK	25	0	18.98	19.08	19.08	20	0
10	QPSK	25	12	19.08	19.08	19.05		
10	QPSK	25	25	19.02	19.02	19.12		
10	QPSK	50	0	19.00	19.06	19.07		
10	16QAM	1	0	19.14	19.13	19.10	20	0
10	16QAM	1	25	19.06	19.02	19.12		
10	16QAM	1	49	19.11	19.09	19.04		
10	16QAM	25	0	19.05	19.03	19.14	20	0
10	16QAM	25	12	18.98	18.99	19.02		
10	16QAM	25	25	18.99	19.05	19.03		
10	16QAM	50	0	18.96	19.09	19.11		
10	64QAM	1	0	18.97	18.87	18.76	20	0
10	64QAM	1	25	18.85	18.82	18.84		
10	64QAM	1	49	18.98	18.50	18.89		
10	64QAM	25	0	18.95	18.93	19.12	20	0
10	64QAM	25	12	19.06	19.08	19.08		
10	64QAM	25	25	18.98	19.13	19.01		
10	64QAM	50	0	19.08	18.91	18.97		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.91	19.05	19.03	20	0
5	QPSK	1	12	19.09	19.15	18.99		
5	QPSK	1	24	18.94	19.07	19.00		
5	QPSK	12	0	18.97	19.13	19.10	20	0
5	QPSK	12	7	19.04	19.05	19.07		
5	QPSK	12	13	19.05	19.02	19.05		
5	QPSK	25	0	18.92	19.11	19.09		
5	16QAM	1	0	19.10	19.13	19.03	20	0
5	16QAM	1	12	19.07	19.12	19.09		
5	16QAM	1	24	19.14	19.08	19.07		
5	16QAM	12	0	18.95	19.02	19.11	20	0
5	16QAM	12	7	19.03	18.97	19.04		
5	16QAM	12	13	18.93	19.06	19.00		
5	16QAM	25	0	18.94	19.04	19.06		
5	64QAM	1	0	18.89	18.77	18.70	20	0
5	64QAM	1	12	18.88	18.83	18.86		
5	64QAM	1	24	18.93	18.56	18.80		
5	64QAM	12	0	19.05	18.95	19.10	20	0
5	64QAM	12	7	19.07	19.03	19.04		
5	64QAM	12	13	18.97	19.12	19.02		
5	64QAM	25	0	19.14	18.95	18.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.63	20.68	20.68	20.83	20.71	21.5	0
20	QPSK	1	49	20.67	20.82	20.75	20.97	20.80		
20	QPSK	1	99	20.57	20.68	20.71	20.66	20.73		
20	QPSK	50	0	20.53	20.69	20.67	20.80	20.68	21.5	0
20	QPSK	50	24	20.53	20.71	20.67	20.85	20.84		
20	QPSK	50	50	20.61	20.73	20.61	20.81	20.66		
20	QPSK	100	0	20.52	20.71	20.61	20.84	20.71		
20	16QAM	1	0	20.45	20.48	20.67	20.56	20.74	21.5	0
20	16QAM	1	49	20.70	20.89	20.77	20.70	20.83		
20	16QAM	1	99	20.51	20.47	20.40	20.47	20.52		
20	16QAM	50	0	20.62	20.72	20.51	20.59	20.62	21.5	0
20	16QAM	50	24	20.64	20.72	20.65	20.55	20.91		
20	16QAM	50	50	20.62	20.65	20.69	20.45	20.60		
20	16QAM	100	0	20.63	20.70	20.62	20.87	20.77		
20	64QAM	1	0	20.23	20.39	20.16	20.20	20.31	21.5	0
20	64QAM	1	49	20.61	20.70	20.40	20.39	20.66		
20	64QAM	1	99	20.27	20.41	20.28	20.26	20.22		
20	64QAM	50	0	20.18	20.13	20.08	20.28	20.06	21	0.5
20	64QAM	50	24	20.17	20.21	20.12	20.46	20.14		
20	64QAM	50	50	20.14	20.20	20.10	20.00	20.13		
20	64QAM	100	0	20.08	20.18	20.16	20.37	20.11		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.58	20.61	20.59	20.72	20.60	21.50	0
15	QPSK	1	37	20.60	20.79	20.69	20.93	20.78		
15	QPSK	1	74	20.45	20.59	20.61	20.53	20.64		
15	QPSK	36	0	20.45	20.67	20.61	20.70	20.57	21.5	0
15	QPSK	36	20	20.40	20.63	20.63	20.72	20.76		
15	QPSK	36	39	20.56	20.66	20.53	20.70	20.54		
15	QPSK	75	0	20.39	20.69	20.53	20.82	20.58		
15	16QAM	1	0	20.42	20.35	20.56	20.48	20.61	21.5	0
15	16QAM	1	37	20.68	20.82	20.69	20.58	20.76		
15	16QAM	1	74	20.40	20.40	20.36	20.35	20.40		
15	16QAM	36	0	20.49	20.70	20.47	20.55	20.57	21.5	0
15	16QAM	36	20	20.60	20.62	20.55	20.43	20.80		
15	16QAM	36	39	20.49	20.62	20.58	20.38	20.47		
15	16QAM	75	0	20.51	20.67	20.55	20.78	20.65		
15	64QAM	1	0	20.11	20.30	20.09	20.13	20.25	21.5	0
15	64QAM	1	37	20.51	20.64	20.33	20.28	20.56		
15	64QAM	1	74	20.17	20.31	20.24	20.24	20.20		
15	64QAM	36	0	20.16	20.07	20.05	20.17	19.96	21	0.5
15	64QAM	36	20	20.12	20.19	20.06	20.42	20.02		
15	64QAM	36	39	20.07	20.14	20.04	19.90	20.06		
15	64QAM	75	0	19.95	20.08	20.12	20.33	20.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.57	20.66	20.64	20.77	20.66	21.50	0
10	QPSK	1	25	20.64	20.79	20.68	20.86	20.78		
10	QPSK	1	49	20.47	20.63	20.59	20.63	20.69		
10	QPSK	25	0	20.49	20.66	20.54	20.76	20.58	21.5	0
10	QPSK	25	12	20.48	20.67	20.64	20.73	20.79		
10	QPSK	25	25	20.58	20.67	20.57	20.71	20.54		
10	QPSK	50	0	20.40	20.63	20.55	20.76	20.63		
10	16QAM	1	0	20.38	20.35	20.63	20.49	20.71	21.5	0
10	16QAM	1	25	20.63	20.78	20.64	20.68	20.81		
10	16QAM	1	49	20.45	20.43	20.32	20.44	20.49		
10	16QAM	25	0	20.50	20.70	20.44	20.57	20.53	21.5	0
10	16QAM	25	12	20.54	20.69	20.56	20.46	20.87		
10	16QAM	25	25	20.57	20.52	20.57	20.41	20.49		
10	16QAM	50	0	20.51	20.63	20.57	20.75	20.75		
10	64QAM	1	0	20.17	20.34	20.14	20.13	20.22	21.5	0
10	64QAM	1	25	20.56	20.65	20.36	20.32	20.60		
10	64QAM	1	49	20.21	20.29	20.26	20.22	20.15		
10	64QAM	25	0	20.07	20.00	19.96	20.25	19.93	21	0.5
10	64QAM	25	12	20.13	20.10	20.06	20.38	20.12		
10	64QAM	25	25	20.06	20.17	20.02	19.90	20.10		
10	64QAM	50	0	20.00	20.16	20.09	20.33	20.08		
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	20.57	20.63	20.56	20.75	20.64	21.50	0
5	QPSK	1	12	20.64	20.72	20.62	20.88	20.78		
5	QPSK	1	24	20.44	20.60	20.67	20.55	20.64		
5	QPSK	12	0	20.47	20.58	20.64	20.78	20.63	21.5	0
5	QPSK	12	7	20.40	20.68	20.63	20.77	20.73		
5	QPSK	12	13	20.49	20.68	20.59	20.70	20.63		
5	QPSK	25	0	20.44	20.66	20.53	20.79	20.58		
5	16QAM	1	0	20.43	20.37	20.64	20.52	20.72	21.5	0
5	16QAM	1	12	20.65	20.79	20.65	20.59	20.76		
5	16QAM	1	24	20.45	20.34	20.30	20.36	20.46		
5	16QAM	12	0	20.53	20.65	20.42	20.55	20.53	21.5	0
5	16QAM	12	7	20.61	20.62	20.63	20.44	20.79		
5	16QAM	12	13	20.58	20.59	20.61	20.40	20.50		
5	16QAM	25	0	20.50	20.61	20.56	20.74	20.71		
5	64QAM	1	0	20.11	20.33	20.08	20.16	20.23	21.5	0
5	64QAM	1	12	20.59	20.64	20.32	20.35	20.60		
5	64QAM	1	24	20.23	20.34	20.23	20.18	20.20		
5	64QAM	12	0	20.09	20.09	20.02	20.22	19.97	21	0.5
5	64QAM	12	7	20.04	20.13	20.08	20.38	20.10		
5	64QAM	12	13	20.06	20.11	20.05	19.90	20.06		
5	64QAM	25	0	19.96	20.09	20.04	20.30	20.06		

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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	22.17	22.32	22.45	22.53	22.35	23.5	0
20	QPSK	1	49	22.42	22.54	22.59	22.65	22.54		
20	QPSK	1	99	22.30	22.39	22.49	22.60	22.39		
20	QPSK	50	0	21.76	21.77	21.87	21.95	21.89	23	0.5
20	QPSK	50	24	21.77	21.75	21.96	22.06	21.94		
20	QPSK	50	50	21.80	21.80	21.92	21.89	21.96		
20	QPSK	100	0	21.78	21.82	21.83	22.01	21.77		
20	16QAM	1	0	21.60	21.54	21.44	21.78	21.63	23	0.5
20	16QAM	1	49	21.89	21.98	21.84	21.73	21.88		
20	16QAM	1	99	21.94	21.88	21.74	21.55	21.80		
20	16QAM	50	0	20.77	20.86	20.69	20.61	20.85	22	1.5
20	16QAM	50	24	20.78	20.94	20.84	20.75	20.83		
20	16QAM	50	50	20.82	20.89	20.72	20.68	20.75		
20	16QAM	100	0	20.81	20.94	20.78	20.68	20.86		
20	64QAM	1	0	20.43	20.76	20.41	20.58	20.57	22	1.5
20	64QAM	1	49	20.49	20.79	20.78	20.65	20.75		
20	64QAM	1	99	20.42	20.65	20.72	20.64	20.79		
20	64QAM	50	0	19.57	19.80	19.75	19.82	19.79	21	2.5
20	64QAM	50	24	19.81	19.97	19.81	19.72	19.99		
20	64QAM	50	50	19.88	19.83	19.71	19.59	19.65		
20	64QAM	100	0	19.75	19.87	19.66	19.81	19.68		
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	22.06	22.19	22.43	22.42	22.30	23.50	0
15	QPSK	1	37	22.38	22.46	22.52	22.52	22.44		
15	QPSK	1	74	22.26	22.32	22.47	22.47	22.35		
15	QPSK	36	0	21.73	21.74	21.75	21.91	21.78	23	0.5
15	QPSK	36	20	21.66	21.64	21.88	22.02	21.82		
15	QPSK	36	39	21.77	21.69	21.86	21.77	21.94		
15	QPSK	75	0	21.70	21.74	21.71	21.99	21.75		
15	16QAM	1	0	21.55	21.50	21.40	21.74	21.51	23	0.5
15	16QAM	1	37	21.86	21.89	21.78	21.66	21.79		
15	16QAM	1	74	21.89	21.81	21.64	21.50	21.75		
15	16QAM	36	0	20.75	20.76	20.66	20.50	20.81	22	1.5
15	16QAM	36	20	20.68	20.86	20.72	20.66	20.78		
15	16QAM	36	39	20.78	20.85	20.64	20.64	20.64		
15	16QAM	75	0	20.74	20.92	20.75	20.66	20.75		
15	64QAM	1	0	20.36	20.72	20.30	20.47	20.50	22	1.5
15	64QAM	1	37	20.41	20.68	20.66	20.59	20.64		
15	64QAM	1	74	20.38	20.60	20.69	20.61	20.75		
15	64QAM	36	0	19.48	19.70	19.62	19.69	19.77	21	2.5
15	64QAM	36	20	19.75	19.94	19.68	19.60	19.91		
15	64QAM	36	39	19.79	19.78	19.68	19.48	19.52		
15	64QAM	75	0	19.65	19.76	19.62	19.68	19.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.09	22.30	22.36	22.49	22.26	23.50	0
10	QPSK	1	25	22.35	22.49	22.46	22.61	22.46		
10	QPSK	1	49	22.17	22.34	22.47	22.57	22.31		
10	QPSK	25	0	21.72	21.74	21.75	21.92	21.78	23	0.5
10	QPSK	25	12	21.66	21.67	21.88	21.99	21.84		
10	QPSK	25	25	21.74	21.75	21.88	21.86	21.92		
10	QPSK	50	0	21.75	21.72	21.80	21.97	21.74		
10	16QAM	1	0	21.58	21.51	21.41	21.70	21.54	23	0.5
10	16QAM	1	25	21.80	21.94	21.76	21.68	21.76		
10	16QAM	1	49	21.86	21.83	21.63	21.46	21.72		
10	16QAM	25	0	20.67	20.76	20.60	20.53	20.83	22	1.5
10	16QAM	25	12	20.74	20.87	20.76	20.66	20.73		
10	16QAM	25	25	20.74	20.81	20.61	20.66	20.62		
10	16QAM	50	0	20.79	20.85	20.76	20.58	20.82		
10	64QAM	1	0	20.32	20.65	20.39	20.48	20.50	22	1.5
10	64QAM	1	25	20.36	20.77	20.70	20.55	20.64		
10	64QAM	1	49	20.37	20.62	20.63	20.62	20.69		
10	64QAM	25	0	19.46	19.70	19.71	19.80	19.71	21	2.5
10	64QAM	25	12	19.69	19.91	19.70	19.59	19.86		
10	64QAM	25	25	19.82	19.75	19.62	19.55	19.57		
10	64QAM	50	0	19.66	19.79	19.59	19.74	19.55		
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	22.13	22.25	22.34	22.45	22.24	23.50	0
5	QPSK	1	12	22.32	22.50	22.52	22.60	22.50		
5	QPSK	1	24	22.18	22.30	22.41	22.51	22.33		
5	QPSK	12	0	21.67	21.75	21.85	21.82	21.77	23	0.5
5	QPSK	12	7	21.71	21.73	21.86	22.04	21.92		
5	QPSK	12	13	21.74	21.68	21.85	21.83	21.90		
5	QPSK	25	0	21.67	21.73	21.79	21.89	21.68		
5	16QAM	1	0	21.57	21.51	21.42	21.67	21.61	23	0.5
5	16QAM	1	12	21.84	21.90	21.80	21.66	21.79		
5	16QAM	1	24	21.85	21.86	21.66	21.43	21.73		
5	16QAM	12	0	20.70	20.82	20.67	20.55	20.80	22	1.5
5	16QAM	12	7	20.71	20.86	20.75	20.71	20.73		
5	16QAM	12	13	20.80	20.77	20.68	20.65	20.66		
5	16QAM	25	0	20.75	20.86	20.73	20.61	20.77		
5	64QAM	1	0	20.30	20.70	20.32	20.56	20.53	22	1.5
5	64QAM	1	12	20.37	20.71	20.70	20.55	20.71		
5	64QAM	1	24	20.39	20.54	20.66	20.60	20.73		
5	64QAM	12	0	19.53	19.71	19.63	19.75	19.70	21	2.5
5	64QAM	12	7	19.73	19.94	19.68	19.64	19.94		
5	64QAM	12	13	19.78	19.81	19.61	19.55	19.55		
5	64QAM	25	0	19.68	19.78	19.59	19.79	19.58		

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GSM850_Ant 13	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	31.33	31.28	31.21	32.50	22.33	22.28	22.21	23.50
GPRS 1 Tx slot	31.30	31.26	31.19	32.50	22.30	22.26	22.19	23.50
GPRS 2 Tx slots	28.32	28.27	28.24	30.00	22.32	22.27	22.24	24.00
GPRS 3 Tx slots	26.63	26.56	26.52	28.50	22.37	22.30	22.26	24.24
GPRS 4 Tx slots	26.14	26.03	26.01	28.00	23.14	23.03	23.01	25.00
EDGE(GMSK 1 Tx slot)	31.28	31.24	31.18	32.50	22.28	22.24	22.18	23.50
EDGE(GMSK 2 Tx slots)	28.27	28.22	28.21	30.00	22.27	22.22	22.21	24.00
EDGE(GMSK 3 Tx slots)	26.58	26.53	26.50	28.50	22.32	22.27	22.24	24.24
EDGE(GMSK 4 Tx slots)	26.12	26.04	26.03	28.00	23.12	23.04	23.03	25.00
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	30.50	30.43	30.31	31.00	24.50	24.43	24.31	25.00
GPRS 3 Tx slots	28.22	28.01	27.83	29.50	23.96	23.75	23.57	25.24
GPRS 4 Tx slots	26.95	26.73	26.51	28.00	23.95	23.73	23.51	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	30.35	30.34	30.25	31.00	24.35	24.34	24.25	25.00
EDGE(GMSK 3 Tx slots)	28.14	27.99	27.79	29.50	23.88	23.73	23.53	25.24
EDGE(GMSK 4 Tx slots)	26.75	26.73	26.43	28.00	23.75	23.73	23.43	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 13	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	24.75	24.96	24.91	26.40	15.75	15.96	15.91	17.40
GPRS 1 Tx slot	24.72	24.95	24.88	26.40	15.72	15.95	15.88	17.40
GPRS 2 Tx slots	21.72	21.94	21.86	23.40	15.72	15.94	15.86	17.40
GPRS 3 Tx slots	19.54	19.77	19.71	21.00	15.28	15.51	15.45	16.74
GPRS 4 Tx slots	19.91	20.09	19.97	21.40	16.91	17.09	16.97	18.40
EDGE(GMSK 1 Tx slot)	24.70	24.91	24.86	26.40	15.70	15.91	15.86	17.40
EDGE(GMSK 2 Tx slots)	21.70	21.91	21.85	23.40	15.70	15.91	15.85	17.40
EDGE(GMSK 3 Tx slots)	19.50	19.73	19.67	21.00	15.24	15.47	15.41	16.74
EDGE(GMSK 4 Tx slots)	19.47	19.68	19.53	21.40	16.47	16.68	16.53	18.40
EDGE 1 Tx slot	25.10	25.42	25.44	26.40	16.10	16.42	16.44	17.40
EDGE 2 Tx slots	21.96	22.37	22.24	23.40	15.96	16.37	16.24	17.40
EDGE 3 Tx slots	19.76	20.09	19.96	21.00	15.50	15.83	15.70	16.74
EDGE 4 Tx slots	20.15	20.45	20.41	21.40	17.15	17.45	17.41	18.40

GSM1900_Ant 31	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	29.11	29.21	29.10	29.40	20.11	20.21	20.10	20.40
GPRS 1 Tx slot	29.09	29.18	29.09	29.40	20.09	20.18	20.09	20.40
GPRS 2 Tx slots	25.42	25.53	25.43	25.90	19.42	19.53	19.43	19.90
GPRS 3 Tx slots	23.80	23.85	23.73	24.00	19.54	19.59	19.47	19.74
GPRS 4 Tx slots	22.59	22.65	22.55	23.40	19.59	19.65	19.55	20.40
EDGE(GMSK 1 Tx slot)	29.07	29.15	29.07	29.40	20.07	20.15	20.07	20.40
EDGE(GMSK 2 Tx slots)	25.39	25.49	25.42	25.90	19.39	19.49	19.42	19.90
EDGE(GMSK 3 Tx slots)	23.77	23.83	23.72	24.00	19.51	19.57	19.46	19.74
EDGE(GMSK 4 Tx slots)	22.56	22.60	22.54	23.40	19.56	19.60	19.54	20.40
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			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	16.02	16.12	16.09	17.00	16.97	17.02	16.94	17.50	18.90	18.85	19.02	20.00
3GPP Rel 99	RMC 12.2Kbps	16.13	16.24	16.15	17.00	16.99	17.12	16.98	17.50	18.93	18.88	19.03	20.00
3GPP Rel 6	HSDPA Subtest-1	15.06	15.21	14.96	16.00	15.79	15.95	15.99	16.50	17.65	17.75	17.84	19.00
3GPP Rel 6	HSDPA Subtest-2	15.06	15.13	14.94	16.00	15.86	15.93	15.95	16.50	17.73	17.72	17.88	19.00
3GPP Rel 6	HSDPA Subtest-3	14.43	14.66	14.49	15.50	15.31	15.51	15.46	16.00	17.22	17.13	17.38	18.50
3GPP Rel 6	HSDPA Subtest-4	14.41	14.58	14.49	15.50	15.42	15.57	15.46	16.00	17.20	17.18	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.88	15.13	14.82	16.00	15.66	15.77	16.00	16.50	17.61	17.59	17.72	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.97	15.17	14.93	16.00	15.72	15.92	15.77	16.50	17.57	17.52	17.87	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.43	14.62	14.41	15.50	15.29	15.45	15.34	16.00	17.09	17.09	17.27	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.21	14.53	14.44	15.50	15.36	15.53	15.44	16.00	16.97	16.98	17.37	18.50
3GPP Rel 6	HSUPA Subtest-1	14.92	15.20	15.00	16.00	15.88	16.06	15.96	16.50	17.80	17.79	18.02	19.00
3GPP Rel 6	HSUPA Subtest-2	13.28	13.20	13.03	14.00	13.91	13.98	14.14	14.50	15.76	15.79	16.00	17.00
3GPP Rel 6	HSUPA Subtest-3	14.26	14.17	14.13	15.00	15.02	15.04	14.96	15.50	16.87	16.88	17.00	18.00
3GPP Rel 6	HSUPA Subtest-4	13.15	13.17	13.08	14.00	13.97	14.01	14.00	14.50	15.81	15.82	15.94	17.00
3GPP Rel 6	HSUPA Subtest-5	15.11	15.19	15.00	16.00	16.05	16.03	16.04	16.50	17.73	17.78	17.95	19.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	18.49	18.69	18.46	19.00	18.61	18.75	18.71	19.50	22.62	22.57	22.66	24.00
3GPP Rel 99	RMC 12.2Kbps	18.55	18.71	18.59	19.00	18.70	18.78	18.72	19.50	22.65	22.67	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	17.61	17.71	17.64	18.00	17.72	17.76	17.94	18.50	21.64	21.66	21.87	23.00
3GPP Rel 6	HSDPA Subtest-2	17.69	17.75	17.62	18.00	17.71	17.80	17.84	18.50	21.76	21.76	21.87	23.00
3GPP Rel 6	HSDPA Subtest-3	17.23	17.33	17.15	17.50	17.14	17.31	17.32	18.00	21.13	21.25	21.30	22.50
3GPP Rel 6	HSDPA Subtest-4	17.11	17.20	17.08	17.50	17.24	17.38	17.35	18.00	21.13	21.19	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.66	17.67	17.64	18.00	17.76	17.64	17.79	18.50	21.61	21.55	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.54	17.69	17.56	18.00	17.56	17.66	17.87	18.50	21.65	21.70	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.14	17.09	17.50	17.07	17.25	17.24	18.00	21.07	21.29	21.13	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.05	17.08	17.07	17.50	17.04	17.27	17.22	18.00	21.04	21.18	21.33	22.50
3GPP Rel 6	HSUPA Subtest-1	17.63	17.87	17.81	18.00	17.73	17.94	17.94	18.50	21.62	21.69	21.71	23.00
3GPP Rel 6	HSUPA Subtest-2	15.70	15.72	15.69	16.00	15.66	15.90	15.98	16.50	19.51	19.75	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	16.62	16.75	16.69	17.00	16.65	16.81	16.99	17.50	20.59	20.61	20.82	22.00
3GPP Rel 6	HSUPA Subtest-4	15.75	15.84	15.74	16.00	15.70	15.79	15.91	16.50	19.65	19.65	19.74	21.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.80	17.70	18.00	17.57	17.90	17.92	18.50	21.68	21.63	21.78	23.00

Band 2_Ant 13

BW [MHz]	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	16.03	16.33	16.19	17	0
20	QPSK	1	49	16.13	16.35	16.22		
20	QPSK	1	99	16.04	16.21	16.08		
20	QPSK	50	0	16.01	16.30	16.26	17	0
20	QPSK	50	24	16.13	16.31	16.18		
20	QPSK	50	50	16.02	16.24	16.10		
20	QPSK	100	0	15.98	16.22	16.13		
20	16QAM	1	0	16.29	16.33	16.32	17	0
20	16QAM	1	49	16.27	16.33	16.30		
20	16QAM	1	99	16.24	16.31	16.33		
20	16QAM	50	0	15.94	16.27	16.18	17	0
20	16QAM	50	24	16.06	16.30	16.24		
20	16QAM	50	50	16.07	16.14	16.12		
20	16QAM	100	0	15.92	16.29	16.11		
20	64QAM	1	0	16.31	16.29	16.33	17	0
20	64QAM	1	49	16.29	16.27	16.31		
20	64QAM	1	99	16.21	16.32	16.18		
20	64QAM	50	0	16.04	16.32	16.20	17	0
20	64QAM	50	24	16.14	16.26	16.19		
20	64QAM	50	50	16.02	16.33	16.10		
20	64QAM	100	0	16.00	16.29	16.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.98	16.27	16.15	17	0
15	QPSK	1	37	16.10	16.23	16.13		
15	QPSK	1	74	15.96	16.14	16.04		
15	QPSK	36	0	15.92	16.26	16.19	17	0
15	QPSK	36	20	16.07	16.22	16.08		
15	QPSK	36	39	15.93	16.22	16.04		
15	QPSK	75	0	15.93	16.19	16.07		
15	16QAM	1	0	16.17	16.22	16.29	17	0
15	16QAM	1	37	16.24	16.23	16.18		
15	16QAM	1	74	16.15	16.18	16.30		
15	16QAM	36	0	15.83	16.25	16.10	17	0
15	16QAM	36	20	16.01	16.24	16.19		
15	16QAM	36	39	15.96	16.09	16.03		
15	16QAM	75	0	15.87	16.21	16.09		
15	64QAM	1	0	16.21	16.22	16.22	17	0
15	64QAM	1	37	16.17	16.18	16.19		
15	64QAM	1	74	16.19	16.19	16.11		
15	64QAM	36	0	15.97	16.19	16.08	17	0
15	64QAM	36	20	16.03	16.24	16.09		
15	64QAM	36	39	15.94	16.23	16.00		
15	64QAM	75	0	15.87	16.21	15.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.99	16.28	16.14	17	0
10	QPSK	1	25	16.10	16.29	16.12		
10	QPSK	1	49	15.91	16.12	15.98		
10	QPSK	25	0	15.90	16.26	16.19	17	0
10	QPSK	25	12	16.04	16.23	16.13		
10	QPSK	25	25	15.95	16.16	16.05		
10	QPSK	50	0	15.96	16.20	16.10		
10	16QAM	1	0	16.18	16.26	16.23	17	0
10	16QAM	1	25	16.17	16.30	16.24		
10	16QAM	1	49	16.12	16.24	16.24		
10	16QAM	25	0	15.82	16.19	16.11	17	0
10	16QAM	25	12	15.96	16.25	16.12		
10	16QAM	25	25	16.01	16.12	16.10		
10	16QAM	50	0	15.84	16.25	15.99		
10	64QAM	1	0	16.26	16.18	16.30	17	0
10	64QAM	1	25	16.17	16.24	16.21		
10	64QAM	1	49	16.11	16.19	16.05		
10	64QAM	25	0	15.94	16.23	16.11	17	0
10	64QAM	25	12	16.10	16.18	16.06		
10	64QAM	25	25	15.95	16.25	16.00		
10	64QAM	50	0	15.87	16.17	15.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.96	16.30	16.15	17	0
5	QPSK	1	12	16.08	16.26	16.14		
5	QPSK	1	24	15.97	16.15	15.95		
5	QPSK	12	0	15.91	16.22	16.13	17	0
5	QPSK	12	7	16.11	16.27	16.13		
5	QPSK	12	13	16.00	16.14	16.02		
5	QPSK	25	0	15.91	16.14	16.07		
5	16QAM	1	0	16.22	16.24	16.19	17	0
5	16QAM	1	12	16.24	16.31	16.17		
5	16QAM	1	24	16.21	16.22	16.25		
5	16QAM	12	0	15.81	16.15	16.10	17	0
5	16QAM	12	7	15.97	16.20	16.11		
5	16QAM	12	13	15.96	16.02	16.05		
5	16QAM	25	0	15.88	16.20	16.02		
5	64QAM	1	0	16.29	16.22	16.30	17	0
5	64QAM	1	12	16.25	16.23	16.23		
5	64QAM	1	24	16.13	16.29	16.12		
5	64QAM	12	0	15.94	16.19	16.18	17	0
5	64QAM	12	7	16.11	16.14	16.07		
5	64QAM	12	13	15.93	16.27	16.01		
5	64QAM	25	0	15.88	16.21	15.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.01	16.30	16.16	17	0
3	QPSK	1	8	16.11	16.24	16.16		
3	QPSK	1	14	15.92	16.10	16.05		
3	QPSK	8	0	15.95	16.22	16.21	17	0
3	QPSK	8	4	16.08	16.20	16.07		
3	QPSK	8	7	15.99	16.21	15.99		
3	QPSK	15	0	15.92	16.11	16.10		
3	16QAM	1	0	16.21	16.26	16.24	17	0
3	16QAM	1	8	16.16	16.22	16.28		
3	16QAM	1	14	16.11	16.18	16.26		
3	16QAM	8	0	15.87	16.23	16.07	17	0
3	16QAM	8	4	15.98	16.25	16.12		
3	16QAM	8	7	15.95	16.03	16.10		
3	16QAM	15	0	15.81	16.16	16.09		
3	64QAM	1	0	16.24	16.27	16.24	17	0
3	64QAM	1	8	16.22	16.21	16.23		
3	64QAM	1	14	16.15	16.24	16.13		
3	64QAM	8	0	15.91	16.21	16.17	17	0
3	64QAM	8	4	16.04	16.13	16.06		
3	64QAM	8	7	15.99	16.21	15.97		
3	64QAM	15	0	15.93	16.26	15.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.96	16.26	16.11	17	0
1.4	QPSK	1	3	16.04	16.25	16.09		
1.4	QPSK	1	5	16.01	16.10	15.97		
1.4	QPSK	3	0	15.92	16.17	16.20		
1.4	QPSK	3	1	16.03	16.21	16.11		
1.4	QPSK	3	3	15.89	16.11	15.97		
1.4	QPSK	6	0	15.96	16.15	16.00	17	0
1.4	16QAM	1	0	16.24	16.25	16.29	17	0
1.4	16QAM	1	3	16.17	16.25	16.28		
1.4	16QAM	1	5	16.20	16.29	16.31		
1.4	16QAM	3	0	15.81	16.19	16.09		
1.4	16QAM	3	1	16.02	16.17	16.20		
1.4	16QAM	3	3	16.02	16.02	16.00		
1.4	16QAM	6	0	15.81	16.27	16.08	17	0
1.4	64QAM	1	0	16.22	16.27	16.23	17	0
1.4	64QAM	1	3	16.17	16.23	16.25		
1.4	64QAM	1	5	16.09	16.21	16.13		
1.4	64QAM	3	0	15.98	16.30	16.08		
1.4	64QAM	3	1	16.08	16.19	16.14		
1.4	64QAM	3	3	15.99	16.27	15.99		
1.4	64QAM	6	0	15.90	16.25	16.01	17	0

Band 2_Ant 31

BW [MHz]	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	19.61	19.56	19.64	20.5	0
20	QPSK	1	49	19.69	19.84	19.80		
20	QPSK	1	99	19.38	19.49	19.41		
20	QPSK	50	0	19.50	19.74	19.76	20.5	0
20	QPSK	50	24	19.77	19.81	19.80		
20	QPSK	50	50	19.45	19.78	19.71		
20	QPSK	100	0	19.59	19.77	19.71		
20	16QAM	1	0	19.79	19.81	19.74	20.5	0
20	16QAM	1	49	19.45	19.44	19.34		
20	16QAM	1	99	19.51	19.69	19.55		
20	16QAM	50	0	19.47	19.55	19.68	20.5	0
20	16QAM	50	24	19.48	19.82	19.64		
20	16QAM	50	50	19.43	19.64	19.34		
20	16QAM	100	0	19.42	19.56	19.70		
20	64QAM	1	0	19.76	19.74	19.81	20.5	0
20	64QAM	1	49	19.57	19.59	19.73		
20	64QAM	1	99	19.70	19.77	19.71		
20	64QAM	50	0	19.59	19.73	19.79	20.5	0
20	64QAM	50	24	19.63	19.81	19.80		
20	64QAM	50	50	19.32	19.53	19.41		
20	64QAM	100	0	19.49	19.68	19.80		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.57	19.48	19.61	20.5	0
15	QPSK	1	37	19.58	19.76	19.71		
15	QPSK	1	74	19.30	19.39	19.36		
15	QPSK	36	0	19.46	19.66	19.74	20.5	0
15	QPSK	36	20	19.66	19.70	19.74		
15	QPSK	36	39	19.37	19.71	19.66		
15	QPSK	75	0	19.47	19.75	19.61		
15	16QAM	1	0	19.72	19.79	19.68	20.5	0
15	16QAM	1	37	19.34	19.31	19.25		
15	16QAM	1	74	19.44	19.62	19.49		
15	16QAM	36	0	19.44	19.50	19.58	20.5	0
15	16QAM	36	20	19.46	19.69	19.55		
15	16QAM	36	39	19.32	19.51	19.29		
15	16QAM	75	0	19.36	19.48	19.64		
15	64QAM	1	0	19.70	19.65	19.77	20.5	0
15	64QAM	1	37	19.45	19.51	19.65		
15	64QAM	1	74	19.62	19.71	19.58		
15	64QAM	36	0	19.49	19.64	19.77	20.5	0
15	64QAM	36	20	19.56	19.72	19.78		
15	64QAM	36	39	19.20	19.42	19.31		
15	64QAM	75	0	19.37	19.61	19.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.56	19.53	19.57	20.5	0
10	QPSK	1	25	19.64	19.75	19.74		
10	QPSK	1	49	19.34	19.44	19.35		
10	QPSK	25	0	19.46	19.68	19.65	20.5	0
10	QPSK	25	12	19.75	19.73	19.72		
10	QPSK	25	25	19.43	19.72	19.64		
10	QPSK	50	0	19.48	19.70	19.68		
10	16QAM	1	0	19.68	19.71	19.67	20.5	0
10	16QAM	1	25	19.38	19.32	19.26		
10	16QAM	1	49	19.45	19.60	19.51		
10	16QAM	25	0	19.41	19.48	19.61	20.5	0
10	16QAM	25	12	19.42	19.69	19.62		
10	16QAM	25	25	19.35	19.57	19.21		
10	16QAM	50	0	19.40	19.43	19.66		
10	64QAM	1	0	19.72	19.67	19.73	20.5	0
10	64QAM	1	25	19.51	19.47	19.61		
10	64QAM	1	49	19.61	19.66	19.60		
10	64QAM	25	0	19.47	19.64	19.67	20.5	0
10	64QAM	25	12	19.58	19.76	19.69		
10	64QAM	25	25	19.21	19.49	19.30		
10	64QAM	50	0	19.36	19.66	19.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.54	19.51	19.59	20.5	0
5	QPSK	1	12	19.63	19.81	19.78		
5	QPSK	1	24	19.31	19.46	19.33		
5	QPSK	12	0	19.37	19.70	19.70	20.5	0
5	QPSK	12	7	19.74	19.71	19.67		
5	QPSK	12	13	19.40	19.70	19.67		
5	QPSK	25	0	19.49	19.70	19.61		
5	16QAM	1	0	19.73	19.78	19.71	20.5	0
5	16QAM	1	12	19.43	19.36	19.22		
5	16QAM	1	24	19.48	19.61	19.48		
5	16QAM	12	0	19.37	19.44	19.56	20.5	0
5	16QAM	12	7	19.35	19.72	19.60		
5	16QAM	12	13	19.31	19.51	19.30		
5	16QAM	25	0	19.40	19.46	19.60		
5	64QAM	1	0	19.70	19.61	19.73	20.5	0
5	64QAM	1	12	19.44	19.54	19.63		
5	64QAM	1	24	19.64	19.65	19.62		
5	64QAM	12	0	19.52	19.70	19.72	20.5	0
5	64QAM	12	7	19.57	19.74	19.70		
5	64QAM	12	13	19.26	19.42	19.30		
5	64QAM	25	0	19.37	19.66	19.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.53	19.50	19.56	20.5	0
3	QPSK	1	8	19.62	19.76	19.77		
3	QPSK	1	14	19.27	19.39	19.28		
3	QPSK	8	0	19.48	19.63	19.70	20.5	0
3	QPSK	8	4	19.71	19.77	19.76		
3	QPSK	8	7	19.40	19.75	19.69		
3	QPSK	15	0	19.55	19.68	19.63		
3	16QAM	1	0	19.76	19.72	19.67	20.5	0
3	16QAM	1	8	19.35	19.41	19.29		
3	16QAM	1	14	19.44	19.60	19.52		
3	16QAM	8	0	19.37	19.47	19.59	20.5	0
3	16QAM	8	4	19.40	19.69	19.54		
3	16QAM	8	7	19.34	19.58	19.27		
3	16QAM	15	0	19.36	19.53	19.61		
3	64QAM	1	0	19.74	19.70	19.77	20.5	0
3	64QAM	1	8	19.44	19.51	19.64		
3	64QAM	1	14	19.67	19.66	19.59		
3	64QAM	8	0	19.49	19.67	19.74	20.5	0
3	64QAM	8	4	19.55	19.72	19.69		
3	64QAM	8	7	19.20	19.50	19.33		
3	64QAM	15	0	19.38	19.57	19.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.56	19.53	19.60	20.5	0
1.4	QPSK	1	3	19.62	19.80	19.74		
1.4	QPSK	1	5	19.28	19.38	19.31		
1.4	QPSK	3	0	19.40	19.62	19.63		
1.4	QPSK	3	1	19.65	19.70	19.72		
1.4	QPSK	3	3	19.40	19.69	19.68		
1.4	QPSK	6	0	19.57	19.70	19.65	20.5	0
1.4	16QAM	1	0	19.76	19.68	19.62	20.5	0
1.4	16QAM	1	3	19.34	19.35	19.25		
1.4	16QAM	1	5	19.48	19.62	19.44		
1.4	16QAM	3	0	19.39	19.43	19.55		
1.4	16QAM	3	1	19.40	19.78	19.52		
1.4	16QAM	3	3	19.35	19.60	19.30		
1.4	16QAM	6	0	19.40	19.52	19.66	20.5	0
1.4	64QAM	1	0	19.67	19.61	19.74	20.5	0
1.4	64QAM	1	3	19.48	19.52	19.61		
1.4	64QAM	1	5	19.63	19.74	19.60		
1.4	64QAM	3	0	19.53	19.61	19.67		
1.4	64QAM	3	1	19.54	19.76	19.75		
1.4	64QAM	3	3	19.30	19.50	19.31		
1.4	64QAM	6	0	19.40	19.59	19.77	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.29	18.29	18.39	19.5	0
20	QPSK	1	49	18.31	18.47	18.27		
20	QPSK	1	99	18.05	18.43	18.38		
20	QPSK	50	0	18.34	18.41	18.42	19.5	0
20	QPSK	50	24	18.35	18.45	18.35		
20	QPSK	50	50	18.34	18.38	18.38		
20	QPSK	100	0	18.38	18.40	18.31		
20	16QAM	1	0	18.43	18.31	18.34	19.5	0
20	16QAM	1	49	18.44	18.34	18.45		
20	16QAM	1	99	18.43	18.42	18.40		
20	16QAM	50	0	18.07	18.35	18.31	19.5	0
20	16QAM	50	24	18.31	18.36	18.42		
20	16QAM	50	50	18.46	18.41	18.46		
20	16QAM	100	0	18.41	18.30	18.42		
20	64QAM	1	0	18.44	18.43	18.43	19.5	0
20	64QAM	1	49	18.45	18.38	18.43		
20	64QAM	1	99	18.39	18.42	18.27		
20	64QAM	50	0	18.19	18.35	18.29	19.5	0
20	64QAM	50	24	18.42	18.23	18.35		
20	64QAM	50	50	18.38	18.34	18.29		
20	64QAM	100	0	18.32	18.40	18.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.25	18.26	18.36	19.5	0
15	QPSK	1	37	18.19	18.38	18.15		
15	QPSK	1	74	17.99	18.34	18.25		
15	QPSK	36	0	18.22	18.38	18.37	19.5	0
15	QPSK	36	20	18.24	18.42	18.26		
15	QPSK	36	39	18.30	18.27	18.35		
15	QPSK	75	0	18.29	18.37	18.25		
15	16QAM	1	0	18.36	18.18	18.28	19.5	0
15	16QAM	1	37	18.39	18.32	18.39		
15	16QAM	1	74	18.40	18.29	18.38		
15	16QAM	36	0	17.98	18.24	18.24	19.5	0
15	16QAM	36	20	18.20	18.33	18.35		
15	16QAM	36	39	18.39	18.28	18.39		
15	16QAM	75	0	18.34	18.17	18.39		
15	64QAM	1	0	18.35	18.34	18.41	19.5	0
15	64QAM	1	37	18.43	18.30	18.34		
15	64QAM	1	74	18.26	18.38	18.25		
15	64QAM	36	0	18.11	18.32	18.26	19.5	0
15	64QAM	36	20	18.35	18.16	18.33		
15	64QAM	36	39	18.34	18.24	18.24		
15	64QAM	75	0	18.28	18.29	18.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.25	18.25	18.31	19.5	0
10	QPSK	1	25	18.25	18.36	18.16		
10	QPSK	1	49	17.95	18.35	18.26		
10	QPSK	25	0	18.28	18.36	18.29	19.5	0
10	QPSK	25	12	18.26	18.41	18.33		
10	QPSK	25	25	18.23	18.27	18.36		
10	QPSK	50	0	18.36	18.28	18.29		
10	16QAM	1	0	18.35	18.29	18.26	19.5	0
10	16QAM	1	25	18.35	18.21	18.39		
10	16QAM	1	49	18.30	18.38	18.31		
10	16QAM	25	0	17.98	18.23	18.29	19.5	0
10	16QAM	25	12	18.20	18.24	18.30		
10	16QAM	25	25	18.33	18.33	18.39		
10	16QAM	50	0	18.36	18.27	18.30		
10	64QAM	1	0	18.39	18.40	18.39	19.5	0
10	64QAM	1	25	18.33	18.30	18.33		
10	64QAM	1	49	18.34	18.33	18.16		
10	64QAM	25	0	18.14	18.31	18.17	19.5	0
10	64QAM	25	12	18.29	18.16	18.33		
10	64QAM	25	25	18.31	18.26	18.23		
10	64QAM	50	0	18.22	18.35	18.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.22	18.25	18.31	19.5	0
5	QPSK	1	12	18.19	18.45	18.17		
5	QPSK	1	24	17.96	18.40	18.25		
5	QPSK	12	0	18.30	18.29	18.36	19.5	0
5	QPSK	12	7	18.29	18.32	18.25		
5	QPSK	12	13	18.31	18.34	18.26		
5	QPSK	25	0	18.30	18.29	18.21		
5	16QAM	1	0	18.36	18.28	18.31	19.5	0
5	16QAM	1	12	18.33	18.29	18.36		
5	16QAM	1	24	18.37	18.37	18.35		
5	16QAM	12	0	17.97	18.24	18.28	19.5	0
5	16QAM	12	7	18.26	18.29	18.31		
5	16QAM	12	13	18.41	18.31	18.42		
5	16QAM	25	0	18.31	18.23	18.35		
5	64QAM	1	0	18.36	18.33	18.32	19.5	0
5	64QAM	1	12	18.40	18.33	18.33		
5	64QAM	1	24	18.35	18.32	18.21		
5	64QAM	12	0	18.07	18.31	18.21	19.5	0
5	64QAM	12	7	18.32	18.10	18.24		
5	64QAM	12	13	18.26	18.22	18.27		
5	64QAM	25	0	18.23	18.37	18.31		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.27	18.27	18.34	19.5	0
3	QPSK	1	8	18.19	18.36	18.21		
3	QPSK	1	14	17.94	18.32	18.30		
3	QPSK	8	0	18.21	18.29	18.32	19.5	0
3	QPSK	8	4	18.25	18.39	18.26		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.12	19.19	19.17	20.5	0
20	QPSK	1	49	19.18	19.32	19.22		
20	QPSK	1	99	19.02	19.29	19.20		
20	QPSK	50	0	19.14	19.22	19.18	20.5	0
20	QPSK	50	24	19.18	19.27	19.23		
20	QPSK	50	50	19.13	19.19	19.10		
20	QPSK	100	0	19.04	19.18	19.14		
20	16QAM	1	0	19.01	19.05	19.12	20.5	0
20	16QAM	1	49	19.20	19.06	19.29		
20	16QAM	1	99	19.13	19.10	19.23		
20	16QAM	50	0	19.05	19.07	19.25	20.5	0
20	16QAM	50	24	19.22	19.16	19.14		
20	16QAM	50	50	19.25	19.28	19.26		
20	16QAM	100	0	18.92	19.10	19.23		
20	64QAM	1	0	19.09	18.95	19.12	20.5	0
20	64QAM	1	49	19.27	19.24	19.29		
20	64QAM	1	99	19.08	19.19	19.23		
20	64QAM	50	0	19.07	19.05	19.11	20.5	0
20	64QAM	50	24	19.20	19.15	19.22		
20	64QAM	50	50	19.14	19.15	19.24		
20	64QAM	100	0	19.04	19.07	19.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.07	19.17	19.14	20.5	0
15	QPSK	1	37	19.10	19.29	19.14		
15	QPSK	1	74	18.95	19.20	19.12		
15	QPSK	36	0	19.05	19.19	19.14	20.5	0
15	QPSK	36	20	19.05	19.14	19.15		
15	QPSK	36	39	19.05	19.08	19.03		
15	QPSK	75	0	19.00	19.06	19.09		
15	16QAM	1	0	18.89	18.99	19.03	20.5	0
15	16QAM	1	37	19.07	18.94	19.17		
15	16QAM	1	74	19.07	19.01	19.13		
15	16QAM	36	0	19.03	19.03	19.23	20.5	0
15	16QAM	36	20	19.10	19.12	19.09		
15	16QAM	36	39	19.22	19.26	19.21		
15	16QAM	75	0	18.86	18.98	19.18		
15	64QAM	1	0	19.07	18.84	19.04	20.5	0
15	64QAM	1	37	19.18	19.21	19.26		
15	64QAM	1	74	19.05	19.16	19.13		
15	64QAM	36	0	19.03	18.93	19.00	20.5	0
15	64QAM	36	20	19.07	19.11	19.18		
15	64QAM	36	39	19.02	19.03	19.19		
15	64QAM	75	0	18.97	19.02	19.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.09	19.11	19.13	20.5	0
10	QPSK	1	25	19.10	19.25	19.11		
10	QPSK	1	49	18.90	19.26	19.11		
10	QPSK	25	0	19.12	19.09	19.09	20.5	0
10	QPSK	25	12	19.09	19.22	19.19		
10	QPSK	25	25	19.05	19.14	18.97		
10	QPSK	50	0	18.95	19.16	19.11		
10	16QAM	1	0	18.89	19.00	19.02	20.5	0
10	16QAM	1	25	19.12	19.02	19.27		
10	16QAM	1	49	19.11	19.08	19.11		
10	16QAM	25	0	18.97	18.99	19.18	20.5	0
10	16QAM	25	12	19.17	19.10	19.06		
10	16QAM	25	25	19.16	19.25	19.22		
10	16QAM	50	0	18.81	19.07	19.18		
10	64QAM	1	0	19.03	18.88	19.07	20.5	0
10	64QAM	1	25	19.22	19.18	19.16		
10	64QAM	1	49	19.03	19.16	19.21		
10	64QAM	25	0	19.05	18.93	19.06	20.5	0
10	64QAM	25	12	19.10	19.10	19.14		
10	64QAM	25	25	19.06	19.09	19.15		
10	64QAM	50	0	19.01	18.94	19.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.04	19.15	19.15	20.5	0
5	QPSK	1	12	19.05	19.19	19.15		
5	QPSK	1	24	18.91	19.24	19.08		
5	QPSK	12	0	19.11	19.10	19.06	20.5	0
5	QPSK	12	7	19.08	19.20	19.14		
5	QPSK	12	13	19.02	19.16	19.08		
5	QPSK	25	0	18.99	19.13	19.04		
5	16QAM	1	0	18.94	18.98	19.03	20.5	0
5	16QAM	1	12	19.07	18.96	19.18		
5	16QAM	1	24	19.03	19.04	19.11		
5	16QAM	12	0	18.96	18.95	19.23	20.5	0
5	16QAM	12	7	19.09	19.05	19.07		
5	16QAM	12	13	19.23	19.22	19.21		
5	16QAM	25	0	18.80	19.08	19.14		
5	64QAM	1	0	18.97	18.85	19.02	20.5	0
5	64QAM	1	12	19.25	19.15	19.21		
5	64QAM	1	24	19.02	19.07	19.20		
5	64QAM	12	0	18.98	18.94	19.09	20.5	0
5	64QAM	12	7	19.09	19.03	19.15		
5	64QAM	12	13	19.09	19.09	19.12		
5	64QAM	25	0	18.99	19.03	19.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.06	19.16	19.14	20.5	0
3	QPSK	1	8	19.06	19.20	19.13		
3	QPSK	1	14	18.93	19.17	19.12		
3	QPSK	8	0	19.05	19.19	19.10	20.5	0
3	QPSK	8	4	19.10	19.25	19.19		
3	QPSK	8	7	19.11	19.13	19.04		
3	QPSK	15	0	18.97	19.08	19.07		
3	16QAM	1	0	18.90	18.92	19.03	20.5	0
3	16QAM	1	8	19.15	18.98	19.17		
3	16QAM	1	14	19.04	19.03	19.14		
3	16QAM	8	0	18.92	19.02	19.14	20.5	0
3	16QAM	8	4	19.15	19.03	19.07		
3	16QAM	8	7	19.18	19.16	19.13		
3	16QAM	15	0	18.85	19.00	19.20		
3	64QAM	1	0	19.04	18.92	19.04	20.5	0
3	64QAM	1	8	19.15	19.11	19.16		
3	64QAM	1	14	18.95	19.17	19.18		
3	64QAM	8	0	18.94	18.94	19.03	20.5	0
3	64QAM	8	4	19.09	19.04	19.11		
3	64QAM	8	7	19.12	19.04	19.19		
3	64QAM	15	0	19.02	19.05	19.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.09	19.17	19.11	20.5	0
1.4	QPSK	1	3	19.16	19.22	19.20		
1.4	QPSK	1	5	18.98	19.24	19.12		
1.4	QPSK	3	0	19.09	19.11	19.06		
1.4	QPSK	3	1	19.16	19.24	19.14		
1.4	QPSK	3	3	19.00	19.12	19.01		
1.4	QPSK	6	0	18.96	19.06	19.05	20.5	0
1.4	16QAM	1	0	18.98	19.01	19.06	20.5	0
1.4	16QAM	1	3	19.13	18.99	19.27		
1.4	16QAM	1	5	19.03	19.02	19.10		
1.4	16QAM	3	0	18.93	18.97	19.17		
1.4	16QAM	3	1	19.15	19.09	19.03		
1.4	16QAM	3	3	19.21	19.16	19.18		
1.4	16QAM	6	0	18.80	19.08	19.20	20.5	0
1.4	64QAM	1	0	19.01	18.85	18.99	20.5	0
1.4	64QAM	1	3	19.14	19.17	19.24		
1.4	64QAM	1	5	18.98	19.08	19.21		
1.4	64QAM	3	0	19.04	18.97	19.01		
1.4	64QAM	3	1	19.12	19.06	19.14		
1.4	64QAM	3	3	19.10	19.05	19.12		
1.4	64QAM	6	0	18.99	19.03	19.26	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.91	20.07	19.89	21	0
10	QPSK	1	25	19.89	20.12	20.06		
10	QPSK	1	49	19.91	20.05	20.05		
10	QPSK	25	0	19.73	19.90	19.82	21	0
10	QPSK	25	12	19.72	19.97	19.92		
10	QPSK	25	25	19.85	19.93	19.88		
10	QPSK	50	0	19.78	19.93	19.88		
10	16QAM	1	0	20.08	20.05	20.08	21	0
10	16QAM	1	25	19.96	19.88	19.88		
10	16QAM	1	49	20.04	20.02	20.04		
10	16QAM	25	0	19.75	19.97	19.80	21	0
10	16QAM	25	12	19.73	20.08	19.78		
10	16QAM	25	25	19.90	20.03	19.96		
10	16QAM	50	0	19.83	20.03	19.76		
10	64QAM	1	0	20.09	20.11	20.00	21	0
10	64QAM	1	25	20.05	20.05	19.97		
10	64QAM	1	49	20.06	20.07	20.05		
10	64QAM	25	0	19.77	19.83	19.68	21	0
10	64QAM	25	12	19.85	20.04	19.87		
10	64QAM	25	25	19.72	20.05	19.89		
10	64QAM	50	0	19.77	19.97	19.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.86	20.04	19.82	21	0
5	QPSK	1	12	19.76	20.04	20.04		
5	QPSK	1	24	19.87	19.99	20.03		
5	QPSK	12	0	19.65	19.81	19.78	21	0
5	QPSK	12	7	19.65	19.89	19.81		
5	QPSK	12	13	19.73	19.80	19.75		
5	QPSK	25	0	19.73	19.82	19.81		
5	16QAM	1	0	20.01	19.95	20.04	21	0
5	16QAM	1	12	19.93	19.79	19.84		
5	16QAM	1	24	19.98	19.99	20.01		
5	16QAM	12	0	19.72	19.94	19.72	21	0
5	16QAM	12	7	19.71	19.98	19.76		
5	16QAM	12	13	19.83	19.96	19.89		
5	16QAM	25	0	19.75	19.95	19.72		
5	64QAM	1	0	20.00	20.04	19.87	21	0
5	64QAM	1	12	19.95	19.93	19.86		
5	64QAM	1	24	20.03	20.00	19.98		
5	64QAM	12	0	19.66	19.71	19.63	21	0
5	64QAM	12	7	19.81	19.98	19.78		
5	64QAM	12	13	19.66	19.93	19.85		
5	64QAM	25	0	19.65	19.91	19.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.88	20.01	19.86	21	0
3	QPSK	1	8	19.77	20.07	19.98		
3	QPSK	1	14	19.79	19.98	19.99		
3	QPSK	8	0	19.65	19.78	19.72	21	0
3	QPSK	8	4	19.64	19.86	19.90		
3	QPSK	8	7	19.77	19.81	19.84		
3	QPSK	15	0	19.70	19.91	19.78		
3	16QAM	1	0	20.03	19.96	20.03	21	0
3	16QAM	1	8	19.83	19.83	19.80		
3	16QAM	1	14	19.95	19.95	20.01		
3	16QAM	8	0	19.67	19.88	19.68	21	0
3	16QAM	8	4	19.70	20.06	19.68		
3	16QAM	8	7	19.84	19.99	19.94		
3	16QAM	15	0	19.78	19.98	19.74		
3	64QAM	1	0	19.96	20.08	19.90	21	0
3	64QAM	1	8	20.01	19.98	19.85		
3	64QAM	1	14	20.00	19.98	19.95		
3	64QAM	8	0	19.71	19.73	19.61	21	0
3	64QAM	8	4	19.75	20.02	19.84		
3	64QAM	8	7	19.59	20.03	19.78		
3	64QAM	15	0	19.67	19.89	19.69		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.84	20.04	19.86	21	0
1.4	QPSK	1	3	19.83	20.09	19.98		
1.4	QPSK	1	5	19.82	19.95	19.96		
1.4	QPSK	3	0	19.67	19.86	19.71		
1.4	QPSK	3	1	19.59	19.84	19.88		
1.4	QPSK	3	3	19.73	19.87	19.80		
1.4	QPSK	6	0	19.68	19.85	19.77	21	0
1.4	16QAM	1	0	19.95	20.01	19.96	21	0
1.4	16QAM	1	3	19.89	19.85	19.82		
1.4	16QAM	1	5	19.95	19.89	19.91		
1.4	16QAM	3	0	19.65	19.91	19.68		
1.4	16QAM	3	1	19.61	20.00	19.67		
1.4	16QAM	3	3	19.84	19.97	19.86		
1.4	16QAM	6	0	19.78	19.93	19.64	21	0
1.4	64QAM	1	0	20.02	19.99	19.90	21	0
1.4	64QAM	1	3	19.96	19.96	19.91		
1.4	64QAM	1	5	19.95	20.01	19.99		
1.4	64QAM	3	0	19.74	19.76	19.56		
1.4	64QAM	3	1	19.76	20.01	19.79		
1.4	64QAM	3	3	19.66	19.93	19.79		
1.4	64QAM	6	0	19.71	19.84	19.77	21	0

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BW [MHz]	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	22.36	22.44	22.46	23.5	0
10	QPSK	1	25	22.25	22.62	22.34		
10	QPSK	1	49	22.47	22.52	22.52		
10	QPSK	25	0	21.77	21.80	21.82	23	0.5
10	QPSK	25	12	21.74	21.91	21.80		
10	QPSK	25	25	21.68	21.90	21.79		
10	QPSK	50	0	21.70	21.75	21.71		
10	16QAM	1	0	22.03	21.78	22.25	23	0.5
10	16QAM	1	25	22.22	22.16	21.83		
10	16QAM	1	49	21.84	22.16	22.10		
10	16QAM	25	0	20.80	20.67	20.94	22	1.5
10	16QAM	25	12	20.79	20.72	20.95		
10	16QAM	25	25	20.88	20.60	20.96		
10	16QAM	50	0	20.74	20.83	21.00		
10	64QAM	1	0	20.92	20.93	20.86	22	1.5
10	64QAM	1	25	20.90	20.84	20.85		
10	64QAM	1	49	21.12	21.29	21.21		
10	64QAM	25	0	19.80	19.67	19.82	21	2.5
10	64QAM	25	12	19.79	19.76	19.89		
10	64QAM	25	25	19.94	19.83	20.05		
10	64QAM	50	0	19.84	19.73	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.40	22.44	23.5	0
5	QPSK	1	12	22.23	22.55	22.27		
5	QPSK	1	24	22.43	22.47	22.49		
5	QPSK	12	0	21.64	21.72	21.79	23	0.5
5	QPSK	12	7	21.71	21.89	21.67		
5	QPSK	12	13	21.56	21.85	21.73		
5	QPSK	25	0	21.60	21.73	21.62		
5	16QAM	1	0	22.01	21.66	22.18	23	0.5
5	16QAM	1	12	22.15	22.05	21.77		
5	16QAM	1	24	21.82	22.12	21.98		
5	16QAM	12	0	20.77	20.57	20.87	22	1.5
5	16QAM	12	7	20.72	20.60	20.83		
5	16QAM	12	13	20.84	20.51	20.94		
5	16QAM	25	0	20.67	20.80	20.89		
5	64QAM	1	0	20.79	20.80	20.73	22	1.5
5	64QAM	1	12	20.84	20.76	20.82		
5	64QAM	1	24	21.06	21.21	21.08		
5	64QAM	12	0	19.70	19.58	19.79	21	2.5
5	64QAM	12	7	19.69	19.69	19.86		
5	64QAM	12	13	19.87	19.70	19.94		
5	64QAM	25	0	19.80	19.60	19.89		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.28	22.42	22.38	23.5	0
3	QPSK	1	8	22.18	22.60	22.23		
3	QPSK	1	14	22.40	22.49	22.42		
3	QPSK	8	0	21.72	21.70	21.77	23	0.5
3	QPSK	8	4	21.66	21.84	21.67		
3	QPSK	8	7	21.60	21.80	21.72		
3	QPSK	15	0	21.60	21.63	21.68		
3	16QAM	1	0	21.90	21.70	22.16	23	0.5
3	16QAM	1	8	22.20	22.11	21.73		
3	16QAM	1	14	21.73	22.11	22.02		
3	16QAM	8	0	20.68	20.60	20.87	22	1.5
3	16QAM	8	4	20.77	20.60	20.83		
3	16QAM	8	7	20.81	20.51	20.92		
3	16QAM	15	0	20.62	20.79	20.93		
3	64QAM	1	0	20.81	20.86	20.79	22	1.5
3	64QAM	1	8	20.81	20.77	20.74		
3	64QAM	1	14	21.05	21.24	21.15		
3	64QAM	8	0	19.71	19.64	19.76	21	2.5
3	64QAM	8	4	19.77	19.68	19.84		
3	64QAM	8	7	19.89	19.74	19.98		
3	64QAM	15	0	19.75	19.69	19.85		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.37	22.42	23.5	0
1.4	QPSK	1	3	22.12	22.55	22.28		
1.4	QPSK	1	5	22.36	22.46	22.43		
1.4	QPSK	3	0	22.23	22.37	22.38		
1.4	QPSK	3	1	22.09	22.52	22.33		
1.4	QPSK	3	3	22.34	22.48	22.39		
1.4	QPSK	6	0	21.66	21.65	21.69	23	0.5
1.4	16QAM	1	0	21.90	21.66	22.09	23	0.5
1.4	16QAM	1	3	22.10	22.08	21.77		
1.4	16QAM	1	5	21.82	22.10	22.03		
1.4	16QAM	3	0	21.88	21.69	22.07		
1.4	16QAM	3	1	22.13	22.06	21.80		
1.4	16QAM	3	3	21.80	22.09	22.06		
1.4	16QAM	6	0	20.70	20.74	20.98	22	1.5
1.4	64QAM	1	0	20.86	20.80	20.82	22	1.5
1.4	64QAM	1	3	20.88	20.79	20.80		
1.4	64QAM	1	5	21.04	21.21	21.13		
1.4	64QAM	3	0	20.83	20.84	20.86		
1.4	64QAM	3	1	20.83	20.78	20.80		
1.4	64QAM	3	3	21.07	21.24	21.11		
1.4	64QAM	6	0	19.80	19.64	19.84	21	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.05	17.12	17.02	18	0
20	QPSK	1	49	17.29	17.49	17.35		
20	QPSK	1	99	17.05	17.10	17.02		
20	QPSK	50	0	17.32	17.39	17.17	18	0
20	QPSK	50	24	17.39	17.44	17.27		
20	QPSK	50	50	17.26	17.31	17.06		
20	QPSK	100	0	17.29	17.38	17.21		
20	16QAM	1	0	17.38	17.32	17.27	18	0
20	16QAM	1	49	17.45	17.42	17.40		
20	16QAM	1	99	17.29	17.33	17.22		
20	16QAM	50	0	17.22	17.46	17.19	18	0
20	16QAM	50	24	17.34	17.41	17.28		
20	16QAM	50	50	17.12	17.33	17.19		
20	16QAM	100	0	17.24	17.36	17.21		
20	64QAM	1	0	17.33	17.35	17.27	18	0
20	64QAM	1	49	17.44	17.45	17.47		
20	64QAM	1	99	17.27	17.27	17.27		
20	64QAM	50	0	17.27	17.43	17.04	18	0
20	64QAM	50	24	17.36	17.40	17.29		
20	64QAM	50	50	17.16	17.28	17.17		
20	64QAM	100	0	17.27	17.35	17.19		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.01	17.10	16.97	18	0
15	QPSK	1	37	17.17	17.37	17.29		
15	QPSK	1	74	16.95	16.99	16.90		
15	QPSK	36	0	17.19	17.29	17.14	18	0
15	QPSK	36	20	17.31	17.40	17.17		
15	QPSK	36	39	17.17	17.28	17.01		
15	QPSK	75	0	17.24	17.32	17.08		
15	16QAM	1	0	17.28	17.25	17.21	18	0
15	16QAM	1	37	17.38	17.37	17.28		
15	16QAM	1	74	17.17	17.23	17.11		
15	16QAM	36	0	17.09	17.44	17.06	18	0
15	16QAM	36	20	17.31	17.36	17.20		
15	16QAM	36	39	17.04	17.20	17.09		
15	16QAM	75	0	17.14	17.32	17.10		
15	64QAM	1	0	17.22	17.28	17.23	18	0
15	64QAM	1	37	17.41	17.38	17.34		
15	64QAM	1	74	17.16	17.25	17.16		
15	64QAM	36	0	17.25	17.38	17.02	18	0
15	64QAM	36	20	17.23	17.29	17.27		
15	64QAM	36	39	17.10	17.15	17.07		
15	64QAM	75	0	17.21	17.29	17.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.02	17.08	16.97	18	0
10	QPSK	1	25	17.27	17.36	17.27		
10	QPSK	1	49	16.97	17.00	16.93		
10	QPSK	25	0	17.20	17.27	17.07	18	0
10	QPSK	25	12	17.34	17.31	17.17		
10	QPSK	25	25	17.13	17.23	17.01		
10	QPSK	50	0	17.22	17.30	17.16		
10	16QAM	1	0	17.30	17.22	17.21	18	0
10	16QAM	1	25	17.42	17.29	17.27		
10	16QAM	1	49	17.16	17.27	17.09		
10	16QAM	25	0	17.18	17.36	17.09	18	0
10	16QAM	25	12	17.21	17.35	17.15		
10	16QAM	25	25	17.06	17.26	17.12		
10	16QAM	50	0	17.16	17.28	17.13		
10	64QAM	1	0	17.31	17.30	17.15	18	0
10	64QAM	1	25	17.37	17.32	17.39		
10	64QAM	1	49	17.24	17.22	17.22		
10	64QAM	25	0	17.20	17.37	16.97	18	0
10	64QAM	25	12	17.26	17.37	17.24		
10	64QAM	25	25	17.05	17.23	17.15		
10	64QAM	50	0	17.19	17.27	17.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.97	17.05	16.99	18	0
5	QPSK	1	12	17.18	17.46	17.28		
5	QPSK	1	24	17.01	17.02	16.94		
5	QPSK	12	0	17.28	17.27	17.09	18	0
5	QPSK	12	7	17.28	17.35	17.23		
5	QPSK	12	13	17.20	17.29	16.98		
5	QPSK	25	0	17.23	17.32	17.13		
5	16QAM	1	0	17.30	17.28	17.19	18	0
5	16QAM	1	12	17.39	17.40	17.34		
5	16QAM	1	24	17.18	17.26	17.10		
5	16QAM	12	0	17.14	17.36	17.06	18	0
5	16QAM	12	7	17.29	17.36	17.16		
5	16QAM	12	13	17.10	17.31	17.13		
5	16QAM	25	0	17.11	17.23	17.09		
5	64QAM	1	0	17.20	17.32	17.23	18	0
5	64QAM	1	12	17.37	17.35	17.34		
5	64QAM	1	24	17.18	17.16	17.17		
5	64QAM	12	0	17.18	17.36	17.01	18	0
5	64QAM	12	7	17.27	17.37	17.21		
5	64QAM	12	13	17.04	17.17	17.09		
5	64QAM	25	0	17.21	17.24	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.84	16.05	15.70	17	0
20	QPSK	1	49	15.86	16.20	15.85		
20	QPSK	1	99	15.73	15.82	15.78		
20	QPSK	50	0	15.76	16.03	15.77	17	0
20	QPSK	50	24	16.11	16.15	16.09		
20	QPSK	50	50	15.84	16.12	16.11		
20	QPSK	100	0	16.09	16.12	16.05		
20	16QAM	1	0	15.91	15.82	16.05	17	0
20	16QAM	1	49	15.91	16.06	15.82		
20	16QAM	1	99	15.83	15.72	15.97		
20	16QAM	50	0	16.09	16.05	15.72	17	0
20	16QAM	50	24	15.85	16.13	16.06		
20	16QAM	50	50	15.94	16.04	16.15		
20	16QAM	100	0	15.93	15.97	15.86		
20	64QAM	1	0	15.93	15.89	15.74	17	0
20	64QAM	1	49	15.78	16.07	16.13		
20	64QAM	1	99	15.98	15.84	15.80		
20	64QAM	50	0	15.86	16.13	15.83	17	0
20	64QAM	50	24	15.98	16.02	15.74		
20	64QAM	50	50	15.87	16.10	16.14		
20	64QAM	100	0	15.96	15.99	15.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.77	15.98	15.66	17	0
15	QPSK	1	37	15.80	16.15	15.75		
15	QPSK	1	74	15.62	15.74	15.67		
15	QPSK	36	0	15.71	15.99	15.73	17	0
15	QPSK	36	20	16.05	16.11	16.01		
15	QPSK	36	39	15.73	16.04	16.06		
15	QPSK	75	0	15.98	16.07	16.02		
15	16QAM	1	0	15.86	15.78	15.95	17	0
15	16QAM	1	37	15.79	15.99	15.79		
15	16QAM	1	74	15.73	15.66	15.90		
15	16QAM	36	0	16.05	15.98	15.61	17	0
15	16QAM	36	20	15.79	16.09	15.96		
15	16QAM	36	39	15.86	15.95	16.12		
15	16QAM	75	0	15.91	15.95	15.81		
15	64QAM	1	0	15.83	15.81	15.69	17	0
15	64QAM	1	37	15.76	15.99	16.04		
15	64QAM	1	74	15.93	15.72	15.75		
15	64QAM	36	0	15.73	16.01	15.80	17	0
15	64QAM	36	20	15.88	15.96	15.71		
15	64QAM	36	39	15.75	15.97	16.02		
15	64QAM	75	0	15.87	15.87	15.76		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.76	16.01	15.66	17	0
10	QPSK	1	25	15.78	16.11	15.80		
10	QPSK	1	49	15.70	15.80	15.71		
10	QPSK	25	0	15.71	15.96	15.68	17	0
10	QPSK	25	12	16.00	16.03	16.03		
10	QPSK	25	25	15.71	16.05	16.07		
10	QPSK	50	0	15.98	16.07	15.93		
10	16QAM	1	0	15.81	15.80	16.01	17	0
10	16QAM	1	25	15.80	16.00	15.71		
10	16QAM	1	49	15.73	15.59	15.94		
10	16QAM	25	0	16.04	15.97	15.62	17	0
10	16QAM	25	12	15.78	16.05	16.02		
10	16QAM	25	25	15.83	16.02	16.10		
10	16QAM	50	0	15.90	15.94	15.83		
10	64QAM	1	0	15.83	15.86	15.68	17	0
10	64QAM	1	25	15.71	15.96	16.11		
10	64QAM	1	49	15.86	15.72	15.67		
10	64QAM	25	0	15.81	16.11	15.80	17	0
10	64QAM	25	12	15.96	15.99	15.68		
10	64QAM	25	25	15.79	16.05	16.12		
10	64QAM	50	0	15.88	15.9	15.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.76	16.00	15.67	17	0
5	QPSK	1	12	15.82	16.10	15.77		
5	QPSK	1	24	15.69	15.77	15.69		
5	QPSK	12	0	15.74	15.90	15.72	17	0
5	QPSK	12	7	16.05	16.10	15.97		
5	QPSK	12	13	15.71	16.08	16.05		
5	QPSK	25	0	16.04	16.04	16.00		
5	16QAM	1	0	15.85	15.75	15.93	17	0
5	16QAM	1	12	15.79	15.99	15.78		
5	16QAM	1	24	15.70	15.70	15.88		
5	16QAM	12	0	16.04	15.92	15.60	17	0
5	16QAM	12	7	15.83	16.08	15.96		
5	16QAM	12	13	15.88	15.99	16.06		
5	16QAM	25	0	15.84	15.90	15.75		
5	64QAM	1	0	15.82	15.83	15.69	17	0
5	64QAM	1	12	15.71	15.99	16.06		
5	64QAM	1	24	15.96	15.75	15.71		
5	64QAM	12	0	15.73	16.04	15.72	17	0
5	64QAM	12	7	15.86	15.93	15.66		
5	64QAM	12	13	15.76	16.05	16.07		
5	64QAM	25	0	15.87	15.93	15.87		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		23.18		24	0
10	QPSK	1	25		23.21			
10	QPSK	1	49		23.16			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.75			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.15		23	1
10	16QAM	1	25		21.70			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.74		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.72			
10	16QAM	50	0		20.75			
10	64QAM	1	0		21.13		22	2
10	64QAM	1	25		20.99			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.75		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.69			
10	64QAM	50	0		19.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.64	22.71	22.83	24	0
5	QPSK	1	12	22.95	22.69	22.89		
5	QPSK	1	24	22.73	22.59	23.04		
5	QPSK	12	0	21.68	21.80	21.70	23	1
5	QPSK	12	7	21.64	21.66	21.63		
5	QPSK	12	13	21.70	21.66	21.71		
5	QPSK	25	0	21.63	21.88	21.72		
5	16QAM	1	0	21.82	21.80	21.95	23	1
5	16QAM	1	12	22.07	21.69	22.03		
5	16QAM	1	24	21.95	22.02	22.12		
5	16QAM	12	0	20.59	20.79	20.75	22	2
5	16QAM	12	7	20.72	20.68	20.76		
5	16QAM	12	13	20.71	20.70	20.71		
5	16QAM	25	0	20.56	20.79	20.74		
5	64QAM	1	0	20.87	20.73	21.19	22	2
5	64QAM	1	12	20.95	21.22	21.16		
5	64QAM	1	24	20.91	20.79	20.83		
5	64QAM	12	0	19.63	19.82	19.83	21	3
5	64QAM	12	7	19.76	19.69	19.67		
5	64QAM	12	13	19.62	19.77	19.66		
5	64QAM	25	0	19.69	19.74	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	23.11	23.27	23.02	24	0
15	QPSK	1	37	23.21	23.31	23.17		
15	QPSK	1	74	23.20	23.24	23.09		
15	QPSK	36	0	22.21	22.27	22.19	23	1
15	QPSK	36	20	22.28	22.33	22.24		
15	QPSK	36	39	22.03	22.11	21.85		
15	QPSK	75	0	22.22	22.25	22.13		
15	16QAM	1	0	22.59	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.42	22.32		
15	16QAM	1	74	22.74	22.51	22.29		
15	16QAM	36	0	21.32	21.26	21.35	22	2
15	16QAM	36	20	21.11	21.20	20.98		
15	16QAM	36	39	20.91	20.85	20.96		
15	16QAM	75	0	21.11	21.08	20.94		
15	64QAM	1	0	21.32	21.35	21.34	22	2
15	64QAM	1	37	21.13	21.32	20.93		
15	64QAM	1	74	21.23	21.29	21.11		
15	64QAM	36	0	20.32	20.20	20.14	21	3
15	64QAM	36	20	20.12	19.92	19.96		
15	64QAM	36	39	19.89	19.83	19.87		
15	64QAM	75	0	20.09	19.98	19.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.30	23.28	23.20	24	0
10	QPSK	1	25	23.01	23.13	23.12		
10	QPSK	1	49	23.20	23.08	23.30		
10	QPSK	25	0	22.13	21.85	21.99	23	1
10	QPSK	25	12	22.08	21.96	22.17		
10	QPSK	25	25	22.05	21.99	22.16		
10	QPSK	50	0	22.03	21.96	22.08		
10	16QAM	1	0	22.48	22.33	22.30	23	1
10	16QAM	1	25	22.13	22.31	22.63		
10	16QAM	1	49	22.47	22.43	22.52		
10	16QAM	25	0	21.14	20.96	20.95	22	2
10	16QAM	25	12	21.03	21.02	21.03		
10	16QAM	25	25	20.92	21.03	21.18		
10	16QAM	50	0	21.05	20.93	21.29		
10	64QAM	1	0	21.33	21.13	21.37	22	2
10	64QAM	1	25	21.26	21.04	20.96		
10	64QAM	1	49	21.38	21.08	21.29		
10	64QAM	25	0	19.92	19.86	20.01	21	3
10	64QAM	25	12	20.02	19.81	20.11		
10	64QAM	25	25	20.06	20.08	20.17		
10	64QAM	50	0	20.09	19.90	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	22.96	23.05	24	0
5	QPSK	1	12	22.90	22.80	22.76		
5	QPSK	1	24	22.80	23.18	22.82		
5	QPSK	12	0	21.99	21.87	22.08	23	1
5	QPSK	12	7	22.05	22.00	21.96		
5	QPSK	12	13	22.01	21.89	21.98		
5	QPSK	25	0	22.09	21.93	22.10		
5	16QAM	1	0	22.03	22.41	22.43	23	1
5	16QAM	1	12	22.13	22.06	22.33		
5	16QAM	1	24	22.40	22.20	22.16		
5	16QAM	12	0	20.99	20.86	21.14	22	2
5	16QAM	12	7	21.13	20.99	20.90		
5	16QAM	12	13	21.05	21.12	21.03		
5	16QAM	25	0	21.12	20.77	21.15		
5	64QAM	1	0	20.98	20.94	21.39	22	2
5	64QAM	1	12	21.28	21.24	21.19		
5	64QAM	1	24	21.23	20.96	21.13		
5	64QAM	12	0	20.04	19.98	20.19	21	3
5	64QAM	12	7	20.14	20.07	20.10		
5	64QAM	12	13	20.06	19.90	20.10		
5	64QAM	25	0	20.07	19.99	19.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.19	23.17	23.15	24	0
3	QPSK	1	8	22.80	22.87	22.72		
3	QPSK	1	14	22.79	22.84	23.07		
3	QPSK	8	0	21.88	21.76	21.93	23	1
3	QPSK	8	4	22.01	21.97	22.05		
3	QPSK	8	7	22.02	21.87	21.96		
3	QPSK	15	0	21.97	21.70	21.94		
3	16QAM	1	0	22.01	22.31	22.25	23	1
3	16QAM	1	8	22.29	21.93	22.30		
3	16QAM	1	14	22.10	22.16	22.34		
3	16QAM	8	0	20.96	20.80	20.95	22	2
3	16QAM	8	4	20.93	20.86	21.04		
3	16QAM	8	7	20.99	20.97	20.97		
3	16QAM	15	0	21.04	20.87	20.94		
3	64QAM	1	0	20.97	21.10	21.22	22	2
3	64QAM	1	8	21.36	21.06	20.96		
3	64QAM	1	14	21.21	20.99	21.05		
3	64QAM	8	0	19.99	19.98	20.14	21	3
3	64QAM	8	4	20.00	19.95	20.04		
3	64QAM	8	7	19.99	19.79	20.10		
3	64QAM	15	0	19.87	19.82	20.15		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.99	22.77	22.94	24	0
1.4	QPSK	1	3	23.01	22.91	22.92		
1.4	QPSK	1	5	22.87	22.86	22.96		
1.4	QPSK	3	0	23.04	22.82	23.06		
1.4	QPSK	3	1	23.13	23.07	23.14		
1.4	QPSK	3	3	23.07	23.04	23.27		
1.4	QPSK	6	0	22.03	21.75	21.95	23	1
1.4	16QAM	1	0	22.50	22.08	22.53	23	1
1.4	16QAM	1	3	22.45	22.03	22.24		
1.4	16QAM	1	5	22.50	22.07	22.30		
1.4	16QAM	3	0	22.08	21.72	22.11		
1.4	16QAM	3	1	22.01	21.82	21.89		
1.4	16QAM	3	3	21.87	21.86	22.07		
1.4	16QAM	6	0	21.15	20.88	21.09	22	2
1.4	64QAM	1	0	21.26	21.08	21.15	22	2
1.4	64QAM	1	3	21.31	21.43	21.17		
1.4	64QAM	1	5	21.42	21.33	21.03		
1.4	64QAM	3	0	21.02	21.05	21.28		
1.4	64QAM	3	1	21.49	21.03	21.22		
1.4	64QAM	3	3	21.27	21.03	21.08		
1.4	64QAM	6	0	19.94	19.89	19.98	21	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.70	22.85	22.71	23.5	0
15	QPSK	1	37	22.85	22.90	22.84		
15	QPSK	1	74	22.66	22.84	22.80		
15	QPSK	36	0	22.20	22.30	22.27	23	0.5
15	QPSK	36	20	22.22	22.31	22.29		
15	QPSK	36	39	22.09	22.21	22.14		
15	QPSK	75	0	22.15	22.28	22.22		
15	16QAM	1	0	22.34	22.48	22.49	23	0.5
15	16QAM	1	37	22.38	22.44	22.31		
15	16QAM	1	74	22.32	22.50	22.20		
15	16QAM	36	0	21.16	20.92	21.08	22	1.5
15	16QAM	36	20	21.08	20.99	21.19		
15	16QAM	36	39	21.25	20.84	21.17		
15	16QAM	75	0	21.23	21.04	21.16		
15	64QAM	1	0	21.42	21.49	21.22	22	1.5
15	64QAM	1	37	21.32	21.30	21.31		
15	64QAM	1	74	21.50	21.08	21.37		
15	64QAM	36	0	19.99	19.94	19.99	21	2.5
15	64QAM	36	20	20.11	19.87	20.16		
15	64QAM	36	39	19.93	19.82	20.12		
15	64QAM	75	0	20.11	19.90	19.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.65	22.77	22.63	23.5	0
10	QPSK	1	25	22.74	22.86	22.75		
10	QPSK	1	49	22.56	22.75	22.71		
10	QPSK	25	0	22.09	22.24	22.14	23	0.5
10	QPSK	25	12	22.16	22.28	22.26		
10	QPSK	25	25	21.96	22.12	22.02		
10	QPSK	50	0	22.07	22.18	22.16		
10	16QAM	1	0	22.30	22.39	22.38	23	0.5
10	16QAM	1	25	22.32	22.41	22.21		
10	16QAM	1	49	22.23	22.40	22.07		
10	16QAM	25	0	21.03	20.83	20.99	22	1.5
10	16QAM	25	12	21.06	20.89	21.11		
10	16QAM	25	25	21.13	20.82	21.11		
10	16QAM	50	0	21.10	20.93	21.04		
10	64QAM	1	0	21.40	21.38	21.15	22	1.5
10	64QAM	1	25	21.25	21.28	21.20		
10	64QAM	1	49	21.37	21.06	21.27		
10	64QAM	25	0	19.92	19.92	19.91	21	2.5
10	64QAM	25	12	20.09	19.82	20.04		
10	64QAM	25	25	19.86	19.80	20.03		
10	64QAM	50	0	20.07	19.77	19.88		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.79	22.69	23.5	0
5	QPSK	1	12	22.73	22.82	22.80		
5	QPSK	1	24	22.53	22.73	22.75		
5	QPSK	12	0	22.10	22.19	22.14	23	0.5
5	QPSK	12	7	22.11	22.18	22.25		
5	QPSK	12	13	22.04	22.09	22.11		
5	QPSK	25	0	22.02	22.23	22.15		
5	16QAM	1	0	22.24	22.40	22.38	23	0.5
5	16QAM	1	12	22.25	22.36	22.21		
5	16QAM	1	24	22.24	22.43	22.07		
5	16QAM	12	0	21.10	20.79	20.97	22	1.5
5	16QAM	12	7	20.98	20.91	21.13		
5	16QAM	12	13	21.15	20.82	21.06		
5	16QAM	25	0	21.17	20.94	21.05		
5	64QAM	1	0	21.33	21.42	21.11	22	1.5
5	64QAM	1	12	21.20	21.23	21.26		
5	64QAM	1	24	21.37	21.04	21.26		
5	64QAM	12	0	19.94	19.88	19.96	21	2.5
5	64QAM	12	7	20.07	19.78	20.11		
5	64QAM	12	13	19.82	19.80	20.09		
5	64QAM	25	0	20.05	19.78	19.83		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.64	22.80	22.66	23.5	0
3	QPSK	1	8	22.72	22.86	22.75		
3	QPSK	1	14	22.60	22.79	22.68		
3	QPSK	8	0	22.12	22.23	22.25	23	0.5
3	QPSK	8	4	22.20	22.28	22.24		
3	QPSK	8	7	22.02	22.12	22.12		
3	QPSK	15	0	22.12	22.19	22.20		
3	16QAM	1	0	22.23	22.44	22.38	23	0.5
3	16QAM	1	8	22.36	22.35	22.22		
3	16QAM	1	14	22.23	22.40	22.13		
3	16QAM	8	0	21.08	20.83	21.01	22	1.5
3	16QAM	8	4	21.06	20.88	21.16		
3	16QAM	8	7	21.23	20.75	21.15		
3	16QAM	15	0	21.15	20.98	21.07		
3	64QAM	1	0	21.40	21.44	21.20	22	1.5
3	64QAM	1	8	21.30	21.26	21.24		
3	64QAM	1	14	21.46	21.05	21.27		
3	64QAM	8	0	19.88	19.92	19.96	21	2.5
3	64QAM	8	4	20.02	19.76	20.10		
3	64QAM	8	7	19.90	19.74	20.02		
3	64QAM	15	0	20.07	19.77	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.83	22.68	23.5	0
1.4	QPSK	1	3	22.81	22.79	22.77		
1.4	QPSK	1	5	22.63	22.79	22.70		
1.4	QPSK	3	0	22.63	22.88	22.66		
1.4	QPSK	3	1	22.77	22.80	22.81		
1.4	QPSK	3	3	22.65	22.75	22.74		
1.4	QPSK	6	0	22.07	22.15	22.19	23	0.5
1.4	16QAM	1	0	22.28	22.40	22.40	23	0.5
1.4	16QAM	1	3	22.34	22.37	22.18		
1.4	16QAM	1	5	22.25	22.42	22.07		
1.4	16QAM	3	0	22.27	22.39	22.40		
1.4	16QAM	3	1	22.37	22.33	22.23		
1.4	16QAM	3	3	22.21	22.37	22.12		
1.4	16QAM	6	0	21.14	20.96	21.13	22	1.5
1.4	64QAM	1	0	21.30	21.44	21.16	22	1.5
1.4	64QAM	1	3	21.24	21.21	21.25		
1.4	64QAM	1	5	21.47	21.01	21.31		
1.4	64QAM	3	0	21.30	21.40	21.17		
1.4	64QAM	3	1	21.21	21.21	21.29		
1.4	64QAM	3	3	21.52	21.00	21.26		
1.4	64QAM	6	0	20.02	19.88	19.85	21	2.5

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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	18.07	18.10	17.86	19	0
20	QPSK	1	49	18.18	18.28	17.97		
20	QPSK	1	99	17.95	18.01	17.87		
20	QPSK	50	0	17.96	18.16	17.91	19	0
20	QPSK	50	24	18.10	18.25	18.15		
20	QPSK	50	50	18.13	17.95	17.89		
20	QPSK	100	0	18.01	18.08	17.89		
20	16QAM	1	0	18.25	18.15	18.23	19	0
20	16QAM	1	49	18.25	18.17	18.25		
20	16QAM	1	99	18.23	18.16	18.19		
20	16QAM	50	0	18.00	18.03	18.09	19	0
20	16QAM	50	24	18.14	18.13	17.95		
20	16QAM	50	50	18.04	18.01	17.94		
20	16QAM	100	0	18.21	17.98	18.00		
20	64QAM	1	0	18.10	18.00	18.19	19	0
20	64QAM	1	49	18.25	18.18	18.04		
20	64QAM	1	99	18.27	18.22	17.93		
20	64QAM	50	0	18.22	17.91	18.05	19	0
20	64QAM	50	24	18.16	18.11	18.07		
20	64QAM	50	50	18.08	18.09	17.96		
20	64QAM	100	0	18.14	18.03	18.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.05	18.05	17.84	19	0
15	QPSK	1	37	18.11	18.17	17.94		
15	QPSK	1	74	17.92	17.88	17.74		
15	QPSK	36	0	17.84	18.03	17.78	19	0
15	QPSK	36	20	18.01	18.16	18.10		
15	QPSK	36	39	18.00	17.91	17.83		
15	QPSK	75	0	17.93	18.00	17.82		
15	16QAM	1	0	18.18	18.12	18.12	19	0
15	16QAM	1	37	18.18	18.13	18.21		
15	16QAM	1	74	18.12	18.08	18.09		
15	16QAM	36	0	17.89	17.92	18.01	19	0
15	16QAM	36	20	18.08	18.04	17.85		
15	16QAM	36	39	17.97	17.88	17.92		
15	16QAM	75	0	18.18	17.87	17.87		
15	64QAM	1	0	17.99	17.93	18.10	19	0
15	64QAM	1	37	18.13	18.15	17.96		
15	64QAM	1	74	18.15	18.15	17.91		
15	64QAM	36	0	18.15	17.86	17.98	19	0
15	64QAM	36	20	18.03	18.03	17.99		
15	64QAM	36	39	18.04	18.07	17.94		
15	64QAM	75	0	18.03	17.97	18.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.99	18.06	17.80	19	0
10	QPSK	1	25	18.15	18.18	17.95		
10	QPSK	1	49	17.85	17.99	17.81		
10	QPSK	25	0	17.87	18.06	17.88	19	0
10	QPSK	25	12	18.07	18.18	18.05		
10	QPSK	25	25	18.06	17.91	17.87		
10	QPSK	50	0	17.94	18.06	17.85		
10	16QAM	1	0	18.20	18.11	18.12	19	0
10	16QAM	1	25	18.14	18.09	18.19		
10	16QAM	1	49	18.13	18.13	18.11		
10	16QAM	25	0	17.92	17.98	17.96	19	0
10	16QAM	25	12	18.11	18.03	17.85		
10	16QAM	25	25	18.00	17.89	17.88		
10	16QAM	50	0	18.19	17.87	17.98		
10	64QAM	1	0	18.03	17.92	18.15	19	0
10	64QAM	1	25	18.17	18.13	17.91		
10	64QAM	1	49	18.18	18.15	17.80		
10	64QAM	25	0	18.12	17.87	17.92	19	0
10	64QAM	25	12	18.10	18.02	18.00		
10	64QAM	25	25	18.05	17.99	17.85		
10	64QAM	50	0	18.04	17.99	17.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.02	18.04	17.79	19	0
5	QPSK	1	12	18.05	18.15	17.86		
5	QPSK	1	24	17.92	17.89	17.78		
5	QPSK	12	0	17.91	18.13	17.85	19	0
5	QPSK	12	7	18.02	18.16	18.03		
5	QPSK	12	13	18.00	17.88	17.83		
5	QPSK	25	0	17.98	18.01	17.77		
5	16QAM	1	0	18.23	18.10	18.10	19	0
5	16QAM	1	12	18.13	18.10	18.12		
5	16QAM	1	24	18.21	18.08	18.09		
5	16QAM	12	0	17.94	17.95	18.06	19	0
5	16QAM	12	7	18.01	18.00	17.87		
5	16QAM	12	13	18.00	17.94	17.89		
5	16QAM	25	0	18.16	17.89	17.95		
5	64QAM	1	0	18.01	17.98	18.14	19	0
5	64QAM	1	12	18.12	18.14	18.02		
5	64QAM	1	24	18.16	18.20	17.88		
5	64QAM	12	0	18.20	17.83	18.00	19	0
5	64QAM	12	7	18.11	18.01	18.00		
5	64QAM	12	13	18.01	18.02	17.89		
5	64QAM	25	0	18.11	17.95	17.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.00	18.08	17.79	19	0
3	QPSK	1	8	18.14	18.18	17.94		
3	QPSK	1	14	17.86	17.93	17.75		
3	QPSK	8	0	17.90	18.14	17.88	19	0
3	QPSK	8	4	18.03	18.20	18.03		
3	QPSK	8	7	18.02	17.91	17.84		
3	QPSK	15	0	17.99	18.01	17.83		
3	16QAM	1	0	18.15	18.04	18.10	19	0
3	16QAM	1	8	18.16	18.14	18.23		
3	16QAM	1	14	18.18	18.14	18.09		
3	16QAM	8	0	17.94	17.90	17.99	19	0
3	16QAM	8	4	18.06	18.10	17.91		
3	16QAM	8	7	17.99	17.95	17.91		
3	16QAM	15	0	18.17	17.90	17.92		
3	64QAM	1	0	17.98	17.94	18.16	19	0
3	64QAM	1	8	18.17	18.16	17.99		
3	64QAM	1	14	18.16	18.14	17.86		
3	64QAM	8	0	18.13	17.78	17.96	19	0
3	64QAM	8	4	18.05	17.98	18.01		
3	64QAM	8	7	18.01	18.02	17.94		
3	64QAM	15	0	18.03	17.91	17.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.00	18.02	17.82	19	0
1.4	QPSK	1	3	18.12	18.21	17.87		
1.4	QPSK	1	5	17.83	17.95	17.76		
1.4	QPSK	3	0	17.84	18.14	17.86		
1.4	QPSK	3	1	18.03	18.17	18.06		
1.4	QPSK	3	3	18.10	17.87	17.83		
1.4	QPSK	6	0	17.92	17.98	17.86	19	0
1.4	16QAM	1	0	18.18	18.12	18.11	19	0
1.4	16QAM	1	3	18.13	18.14	18.13		
1.4	16QAM	1	5	18.20	18.14	18.13		
1.4	16QAM	3	0	17.89	17.95	17.99		
1.4	16QAM	3	1	18.09	18.11	17.87		
1.4	16QAM	3	3	17.93	17.88	17.87		
1.4	16QAM	6	0	18.08	17.95	17.97	19	0
1.4	64QAM	1	0	17.99	17.89	18.07	19	0
1.4	64QAM	1	3	18.21	18.10	17.99		
1.4	64QAM	1	5	18.17	18.09	17.86		
1.4	64QAM	3	0	18.20	17.88	18.03		
1.4	64QAM	3	1	18.03	17.99	18.03		
1.4	64QAM	3	3	17.96	18.03	17.88		
1.4	64QAM	6	0	18.10	17.96	17.99	19	0

Band 66_Ant 31

BW [MHz]	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	18.95	19.09	18.94	20	0
20	QPSK	1	49	19.05	19.16	18.99		
20	QPSK	1	99	18.73	18.93	18.72		
20	QPSK	50	0	18.93	19.06	18.72	20	0
20	QPSK	50	24	19.08	19.09	19.08		
20	QPSK	50	50	18.89	18.97	18.92		
20	QPSK	100	0	18.97	19.00	18.82		
20	16QAM	1	0	19.08	19.09	19.11	20	0
20	16QAM	1	49	19.03	19.12	19.07		
20	16QAM	1	99	19.07	18.89	18.86		
20	16QAM	50	0	19.02	19.11	19.06	20	0
20	16QAM	50	24	18.80	18.91	18.98		
20	16QAM	50	50	18.81	18.88	18.97		
20	16QAM	100	0	18.96	18.78	18.99		
20	64QAM	1	0	19.06	19.14	19.12	20	0
20	64QAM	1	49	19.09	18.85	19.07		
20	64QAM	1	99	19.01	18.90	19.04		
20	64QAM	50	0	18.98	18.99	18.83	20	0
20	64QAM	50	24	19.01	18.82	18.75		
20	64QAM	50	50	18.84	18.81	18.78		
20	64QAM	100	0	18.83	18.96	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.89	19.06	18.89	20	0
15	QPSK	1	37	18.94	19.08	18.90		
15	QPSK	1	74	18.64	18.89	18.64		
15	QPSK	36	0	18.83	18.99	18.60	20	0
15	QPSK	36	20	19.03	18.98	19.03		
15	QPSK	36	39	18.84	18.87	18.87		
15	QPSK	75	0	18.88	18.91	18.72		
15	16QAM	1	0	19.06	18.98	19.01	20	0
15	16QAM	1	37	18.94	19.04	18.99		
15	16QAM	1	74	19.02	18.81	18.78		
15	16QAM	36	0	18.94	19.08	19.03	20	0
15	16QAM	36	20	18.70	18.79	18.85		
15	16QAM	36	39	18.69	18.82	18.93		
15	16QAM	75	0	18.84	18.67	18.96		
15	64QAM	1	0	18.94	19.10	19.05	20	0
15	64QAM	1	37	18.96	18.81	19.00		
15	64QAM	1	74	18.95	18.79	18.96		
15	64QAM	36	0	18.87	18.88	18.80	20	0
15	64QAM	36	20	18.97	18.79	18.73		
15	64QAM	36	39	18.76	18.77	18.69		
15	64QAM	75	0	18.76	18.94	18.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.89	19.01	18.92	20	0
10	QPSK	1	25	18.92	19.09	18.87		
10	QPSK	1	49	18.70	18.84	18.62		
10	QPSK	25	0	18.87	18.96	18.62	20	0
10	QPSK	25	12	19.01	19.05	19.03		
10	QPSK	25	25	18.86	18.89	18.85		
10	QPSK	50	0	18.85	18.97	18.77		
10	16QAM	1	0	18.98	19.04	19.04	20	0
10	16QAM	1	25	18.96	19.04	19.05		
10	16QAM	1	49	18.99	18.81	18.75		
10	16QAM	25	0	18.90	19.09	18.97	20	0
10	16QAM	25	12	18.76	18.82	18.95		
10	16QAM	25	25	18.76	18.85	18.87		
10	16QAM	50	0	18.83	18.66	18.86		
10	64QAM	1	0	18.97	19.08	19.07	20	0
10	64QAM	1	25	19.03	18.74	19.05		
10	64QAM	1	49	18.90	18.81	18.93		
10	64QAM	25	0	18.93	18.94	18.81	20	0
10	64QAM	25	12	18.91	18.72	18.63		
10	64QAM	25	25	18.73	18.71	18.71		
10	64QAM	50	0	18.81	18.87	18.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.87	19.04	18.89	20	0
5	QPSK	1	12	19.03	19.06	18.91		
5	QPSK	1	24	18.62	18.87	18.68		
5	QPSK	12	0	18.80	19.00	18.67	20	0
5	QPSK	12	7	18.98	19.06	18.95		
5	QPSK	12	13	18.83	18.93	18.87		
5	QPSK	25	0	18.86	18.97	18.71		
5	16QAM	1	0	19.06	19.04	19.07	20	0
5	16QAM	1	12	19.00	19.01	19.03		
5	16QAM	1	24	18.99	18.82	18.84		
5	16QAM	12	0	18.89	18.98	18.99	20	0
5	16QAM	12	7	18.76	18.89	18.88		
5	16QAM	12	13	18.72	18.77	18.87		
5	16QAM	25	0	18.93	18.68	18.95		
5	64QAM	1	0	18.96	19.01	19.03	20	0
5	64QAM	1	12	18.99	18.80	19.02		
5	64QAM	1	24	18.94	18.79	18.94		
5	64QAM	12	0	18.88	18.94	18.77	20	0
5	64QAM	12	7	18.94	18.74	18.65		
5	64QAM	12	13	18.72	18.78	18.73		
5	64QAM	25	0	18.77	18.87	18.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.90	19.05	18.92	20	0
3	QPSK	1	8	18.94	19.06	18.90		
3	QPSK	1	14	18.61	18.80	18.60		
3	QPSK	8	0	18.81	18.96	18.60	20	0
3	QPSK	8	4	19.02	19.04	18.98		
3	QPSK	8	7	18.80	18.87	18.80		
3	QPSK	15	0	18.85	18.89	18.70		
3	16QAM	1	0	19.00	19.07	19.07	20	0
3	16QAM	1	8	18.92	19.10	19.00		
3	16QAM	1	14	19.00	18.84	18.73		
3	16QAM	8	0	18.95	18.98	18.98	20	0
3	16QAM	8	4	18.69	18.79	18.90		
3	16QAM	8	7	18.74	18.78	18.92		
3	16QAM	15	0	18.92	18.65	18.86		
3	64QAM	1	0	18.93	19.08	19.06	20	0
3	64QAM	1	8	18.97	18.81	18.98		
3	64QAM	1	14	18.95	18.88	18.98		
3	64QAM	8	0	18.87	18.90	18.73	20	0
3	64QAM	8	4	18.92	18.78	18.71		
3	64QAM	8	7	18.80	18.78	18.75		
3	64QAM	15	0	18.81	18.88	18.64		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.88	19.05	18.90	20	0
1.4	QPSK	1	3	18.95	19.06	18.92		
1.4	QPSK	1	5	18.68	18.87	18.69		
1.4	QPSK	3	0	18.83	18.97	18.65		
1.4	QPSK	3	1	18.99	18.99	19.03		
1.4	QPSK	3	3	18.85	18.84	18.83		
1.4	QPSK	6	0	18.86	18.96

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.08	20.11	20.08	21	0
20	QPSK	1	49	20.29	20.41	20.32		
20	QPSK	1	99	20.26	20.29	20.18		
20	QPSK	50	0	20.27	20.16	20.33	21	0
20	QPSK	50	24	20.32	20.40	20.19		
20	QPSK	50	50	20.37	20.33	20.23		
20	QPSK	100	0	20.34	20.37	20.26		
20	16QAM	1	0	20.33	20.24	20.20	21	0
20	16QAM	1	49	20.29	20.31	20.30		
20	16QAM	1	99	20.31	20.31	20.35		
20	16QAM	50	0	20.32	20.23	20.30	21	0
20	16QAM	50	24	20.26	20.25	20.29		
20	16QAM	50	50	20.25	20.28	20.35		
20	16QAM	100	0	20.24	20.33	20.40		
20	64QAM	1	0	19.99	20.23	19.94	21	0
20	64QAM	1	49	20.30	20.03	20.05		
20	64QAM	1	99	20.31	20.13	20.02		
20	64QAM	50	0	20.31	20.23	20.31	21	0
20	64QAM	50	24	20.36	20.27	20.30		
20	64QAM	50	50	20.35	20.38	20.34		
20	64QAM	100	0	20.28	20.18	20.32		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.01	20.08	20.04	21	0
15	QPSK	1	37	20.24	20.36	20.24		
15	QPSK	1	74	20.14	20.22	20.15		
15	QPSK	36	0	20.16	20.11	20.27	21	0
15	QPSK	36	20	20.28	20.34	20.13		
15	QPSK	36	39	20.29	20.31	20.19		
15	QPSK	75	0	20.30	20.31	20.21		
15	16QAM	1	0	20.26	20.18	20.07	21	0
15	16QAM	1	37	20.16	20.20	20.20		
15	16QAM	1	74	20.19	20.28	20.29		
15	16QAM	36	0	20.23	20.19	20.24	21	0
15	16QAM	36	20	20.22	20.13	20.27		
15	16QAM	36	39	20.13	20.26	20.25		
15	16QAM	75	0	20.13	20.21	20.34		
15	64QAM	1	0	19.90	20.19	19.84	21	0
15	64QAM	1	37	20.21	19.91	20.02		
15	64QAM	1	74	20.29	20.09	19.97		
15	64QAM	36	0	20.27	20.11	20.27	21	0
15	64QAM	36	20	20.29	20.18	20.24		
15	64QAM	36	39	20.24	20.26	20.22		
15	64QAM	75	0	20.26	20.10	20.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.06	20.03	20.03	21	0
10	QPSK	1	25	20.16	20.34	20.22		
10	QPSK	1	49	20.19	20.26	20.08		
10	QPSK	25	0	20.14	20.04	20.28	21	0
10	QPSK	25	12	20.22	20.28	20.10		
10	QPSK	25	25	20.29	20.24	20.12		
10	QPSK	50	0	20.24	20.31	20.13		
10	16QAM	1	0	20.25	20.20	20.12	21	0
10	16QAM	1	25	20.23	20.28	20.26		
10	16QAM	1	49	20.29	20.25	20.26		
10	16QAM	25	0	20.24	20.14	20.28	21	0
10	16QAM	25	12	20.15	20.22	20.23		
10	16QAM	25	25	20.23	20.18	20.23		
10	16QAM	50	0	20.11	20.28	20.29		
10	64QAM	1	0	19.95	20.11	19.82	21	0
10	64QAM	1	25	20.24	19.98	19.92		
10	64QAM	1	49	20.26	20.11	19.99		
10	64QAM	25	0	20.29	20.19	20.18	21	0
10	64QAM	25	12	20.31	20.17	20.27		
10	64QAM	25	25	20.22	20.26	20.28		
10	64QAM	50	0	20.19	20.08	20.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.06	20.05	20.02	21	0
5	QPSK	1	12	20.24	20.30	20.26		
5	QPSK	1	24	20.21	20.24	20.11		
5	QPSK	12	0	20.18	20.05	20.21	21	0
5	QPSK	12	7	20.22	20.37	20.07		
5	QPSK	12	13	20.27	20.26	20.20		
5	QPSK	25	0	20.31	20.35	20.22		
5	16QAM	1	0	20.22	20.11	20.14	21	0
5	16QAM	1	12	20.16	20.24	20.23		
5	16QAM	1	24	20.28	20.25	20.23		
5	16QAM	12	0	20.28	20.16	20.25	21	0
5	16QAM	12	7	20.15	20.19	20.25		
5	16QAM	12	13	20.21	20.17	20.27		
5	16QAM	25	0	20.15	20.24	20.37		
5	64QAM	1	0	19.86	20.17	19.82	21	0
5	64QAM	1	12	20.28	19.96	20.01		
5	64QAM	1	24	20.19	20.00	19.98		
5	64QAM	12	0	20.21	20.20	20.28	21	0
5	64QAM	12	7	20.24	20.23	20.21		
5	64QAM	12	13	20.31	20.36	20.29		
5	64QAM	25	0	20.19	20.15	20.25		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.97	18.12	18.09	19	0
20	QPSK	1	49	18.14	18.24	18.11		
20	QPSK	1	99	18.02	18.10	18.12		
20	QPSK	50	0	18.00	18.12	18.14	19	0
20	QPSK	50	24	18.19	18.21	18.07		
20	QPSK	50	50	18.15	18.07	18.12		
20	QPSK	100	0	18.01	18.17	18.10		
20	16QAM	1	0	18.14	18.15	18.11	19	0
20	16QAM	1	49	18.22	18.16	18.18		
20	16QAM	1	99	18.17	18.18	18.13		
20	16QAM	50	0	18.04	18.15	18.20	19	0
20	16QAM	50	24	18.05	18.07	18.09		
20	16QAM	50	50	18.00	18.16	18.14		
20	16QAM	100	0	18.00	18.17	18.11		
20	64QAM	1	0	18.03	17.94	17.81	19	0
20	64QAM	1	49	17.96	17.92	17.86		
20	64QAM	1	99	17.99	17.61	17.93		
20	64QAM	50	0	18.04	17.99	18.14	19	0
20	64QAM	50	24	18.17	18.15	18.15		
20	64QAM	50	50	18.10	18.13	18.09		
20	64QAM	100	0	18.16	18.02	18.13		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.92	18.08	18.02	19	0
15	QPSK	1	37	18.12	18.21	18.07		
15	QPSK	1	74	17.89	18.05	18.07		
15	QPSK	36	0	17.97	18.04	18.06	19	0
15	QPSK	36	20	18.11	18.18	18.00		
15	QPSK	36	39	18.13	17.97	18.00		
15	QPSK	75	0	17.93	18.05	18.00		
15	16QAM	1	0	18.07	18.11	18.05	19	0
15	16QAM	1	37	18.09	18.05	18.07		
15	16QAM	1	74	18.08	18.05	18.01		
15	16QAM	36	0	17.96	18.02	18.14	19	0
15	16QAM	36	20	17.94	18.03	17.97		
15	16QAM	36	39	17.89	18.08	18.08		
15	16QAM	75	0	17.93	18.12	18.00		
15	64QAM	1	0	17.98	17.86	17.73	19	0
15	64QAM	1	37	17.84	17.87	17.80		
15	64QAM	1	74	17.87	17.55	17.84		
15	64QAM	36	0	18.02	17.86	18.01	19	0
15	64QAM	36	20	18.09	18.10	18.02		
15	64QAM	36	39	18.05	18.00	17.99		
15	64QAM	75	0	18.11	17.94	18.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.89	18.05	18.04	19	0
10	QPSK	1	25	18.07	18.11	18.03		
10	QPSK	1	49	17.93	18.01	18.00		
10	QPSK	25	0	17.93	18.05	18.04	19	0
10	QPSK	25	12	18.17	18.11	18.05		
10	QPSK	25	25	18.04	17.96	18.02		
10	QPSK	50	0	17.98	18.07	18.03		
10	16QAM	1	0	18.05	18.02	18.05	19	0
10	16QAM	1	25	18.15	18.09	18.08		
10	16QAM	1	49	18.09	18.09	18.02		
10	16QAM	25	0	17.91	18.09	18.12	19	0
10	16QAM	25	12	18.01	18.01	18.02		
10	16QAM	25	25	17.93	18.07	18.04		
10	16QAM	50	0	17.97	18.04	17.98		
10	64QAM	1	0	17.99	17.91	17.74	19	0
10	64QAM	1	25	17.93	17.84	17.77		
10	64QAM	1	49	17.97	17.54	17.84		
10	64QAM	25	0	18.01	17.93	18.12	19	0
10	64QAM	25	12	18.14	18.10	18.08		
10	64QAM	25	25	18.07	18.04	18.04		
10	64QAM	50	0	18.14	18.00	18.01		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.95	18.05	18.02	19	0
5	QPSK	1	12	18.12	18.22	18.08		
5	QPSK	1	24	17.96	18.05	18.08		
5	QPSK	12	0	17.91	18.06	18.02	19	0
5	QPSK	12	7	18.10	18.19	17.97		
5	QPSK	12	13	18.07	18.05	18.10		
5	QPSK	25	0	17.88	18.06	18.03		
5	16QAM	1	0	18.04	18.13	18.04	19	0
5	16QAM	1	12	18.09	18.05	18.14		
5	16QAM	1	24	18.13	18.12	18.06		
5	16QAM	12	0	17.97	18.11	18.18	19	0
5	16QAM	12	7	17.92	17.98	17.96		
5	16QAM	12	13	17.97	18.14	18.03		
5	16QAM	25	0	17.96	18.11	18.04		
5	64QAM	1	0	18.01	17.85	17.76	19	0
5	64QAM	1	12	17.85	17.89	17.79		
5	64QAM	1	24	17.91	17.59	17.80		
5	64QAM	12	0	17.99	17.90	18.07	19	0
5	64QAM	12	7	18.06	18.07	18.08		
5	64QAM	12	13	18.03	18.04	18.04		
5	64QAM	25	0	18.05	17.97	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.12	20.17	20.16	20.36	20.26	21	0
20	QPSK	1	49	20.22	20.31	20.27	20.44	20.35		
20	QPSK	1	99	20.09	20.13	20.16	20.13	20.20		
20	QPSK	50	0	20.04	20.21	20.21	20.29	20.19	21	0
20	QPSK	50	24	20.05	20.17	20.15	20.37	20.33		
20	QPSK	50	50	20.14	20.24	20.09	20.36	20.17		
20	QPSK	100	0	20.05	20.19	20.06	20.31	20.19		
20	16QAM	1	0	19.91	19.98	20.15	20.04	20.27	21	0
20	16QAM	1	49	20.15	20.38	20.22	20.22	20.38		
20	16QAM	1	99	19.99	19.97	19.90	19.92	20.00		
20	16QAM	50	0	20.10	20.19	19.96	20.11	20.09	21	0
20	16QAM	50	24	20.13	20.20	20.14	20.10	20.40		
20	16QAM	50	50	20.13	20.14	20.23	19.96	20.12		
20	16QAM	100	0	20.12	20.17	20.11	20.36	20.27		
20	64QAM	1	0	19.71	19.86	19.69	19.67	19.81	21	0
20	64QAM	1	49	20.11	20.25	19.88	19.93	20.12		
20	64QAM	1	99	19.76	19.96	19.75	19.81	19.75		
20	64QAM	50	0	20.17	20.11	20.06	20.31	20.02	21	0
20	64QAM	50	24	20.16	20.26	20.13	20.40	20.09		
20	64QAM	50	50	20.12	20.24	20.14	19.95	20.12		
20	64QAM	100	0	20.04	20.22	20.19	20.39	20.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.09	20.10	20.04	20.26	20.15	21.00	0
15	QPSK	1	37	20.19	20.21	20.18	20.32	20.33		
15	QPSK	1	74	20.03	20.10	20.13	20.05	20.11		
15	QPSK	36	0	19.94	20.15	20.15	20.17	20.14	21	0
15	QPSK	36	20	19.96	20.05	20.07	20.26	20.26		
15	QPSK	36	39	20.09	20.17	20.01	20.25	20.06		
15	QPSK	75	0	19.97	20.07	19.96	20.22	20.09		
15	16QAM	1	0	19.82	19.96	20.13	19.95	20.20	21	0
15	16QAM	1	37	20.02	20.31	20.09	20.10	20.31		
15	16QAM	1	74	19.96	19.85	19.78	19.90	19.90		
15	16QAM	36	0	20.07	20.12	19.87	20.05	19.98	21	0
15	16QAM	36	20	20.05	20.12	20.11	20.06	20.30		
15	16QAM	36	39	20.05	20.10	20.10	19.83	19.99		
15	16QAM	75	0	20.10	20.05	20.04	20.30	20.21		
15	64QAM	1	0	19.60	19.81	19.60	19.64	19.71	21	0
15	64QAM	1	37	20.05	20.21	19.84	19.85	20.10		
15	64QAM	1	74	19.72	19.88	19.73	19.75	19.67		
15	64QAM	36	0	20.12	20.07	19.93	20.26	19.97	21	0
15	64QAM	36	20	20.06	20.19	20.05	20.27	20.02		
15	64QAM	36	39	20.04	20.11	20.02	19.91	20.07		
15	64QAM	75	0	19.93	20.14	20.15	20.36	20.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.03	20.15	20.12	20.24	20.16	21.00	0
10	QPSK	1	25	20.20	20.25	20.19	20.35	20.24		
10	QPSK	1	49	20.07	20.05	20.06	20.06	20.17		
10	QPSK	25	0	20.02	20.12	20.13	20.23	20.07	21	0
10	QPSK	25	12	20.02	20.10	20.08	20.33	20.25		
10	QPSK	25	25	20.08	20.14	19.99	20.24	20.11		
10	QPSK	50	0	19.96	20.08	20.03	20.20	20.11		
10	16QAM	1	0	19.89	19.90	20.10	19.92	20.22	21	0
10	16QAM	1	25	20.09	20.26	20.17	20.19	20.31		
10	16QAM	1	49	19.91	19.90	19.88	19.86	19.95		
10	16QAM	25	0	19.97	20.14	19.83	20.00	19.96	21	0
10	16QAM	25	12	20.05	20.08	20.04	20.02	20.38		
10	16QAM	25	25	20.04	20.06	20.17	19.91	20.01		
10	16QAM	50	0	20.09	20.15	20.05	20.28	20.25		
10	64QAM	1	0	19.61	19.83	19.67	19.65	19.79	21	0
10	64QAM	1	25	20.03	20.15	19.82	19.87	20.05		
10	64QAM	1	49	19.66	19.89	19.62	19.72	19.67		
10	64QAM	25	0	20.07	20.09	20.04	20.19	19.97	21	0
10	64QAM	25	12	20.05	20.14	20.02	20.32	20.02		
10	64QAM	25	25	20.10	20.13	20.01	19.84	20.04		
10	64QAM	50	0	19.92	20.14	20.10	20.26	20.02		
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	20.09	20.11	20.09	20.27	20.16	21.00	0
5	QPSK	1	12	20.14	20.25	20.21	20.38	20.28		
5	QPSK	1	24	20.00	20.08	20.09	20.00	20.10		
5	QPSK	12	0	19.93	20.19	20.10	20.16	20.07	21	0
5	QPSK	12	7	19.92	20.05	20.07	20.34	20.30		
5	QPSK	12	13	20.10	20.20	20.00	20.31	20.12		
5	QPSK	25	0	19.94	20.06	20.03	20.24	20.15		
5	16QAM	1	0	19.88	19.95	20.05	19.92	20.24	21	0
5	16QAM	1	12	20.10	20.35	20.11	20.09	20.29		
5	16QAM	1	24	19.92	19.90	19.79	19.80	19.96		
5	16QAM	12	0	19.99	20.08	19.89	20.04	20.04	21	0
5	16QAM	12	7	20.11	20.08	20.11	20.00	20.31		
5	16QAM	12	13	20.04	20.03	20.11	19.88	20.01		
5	16QAM	25	0	19.99	20.10	20.05	20.32	20.17		
5	64QAM	1	0	19.62	19.76	19.58	19.54	19.69	21	0
5	64QAM	1	12	20.02	20.14	19.83	19.85	20.08		
5	64QAM	1	24	19.70	19.88	19.72	19.78	19.67		
5	64QAM	12	0	20.08	19.98	19.95	20.26	20.00	21	0
5	64QAM	12	7	20.10	20.15	20.00	20.36	20.07		
5	64QAM	12	13	20.05	20.17	20.05	19.89	19.99		
5	64QAM	25	0	19.95	20.16	20.10	20.34	20.05		

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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	21.72	21.83	21.90	21.96	21.83	23	0
20	QPSK	1	49	21.94	22.06	22.09	22.23	22.05		
20	QPSK	1	99	21.75	21.96	22.02	22.05	21.86		
20	QPSK	50	0	21.67	21.81	21.89	21.95	21.88	23	0
20	QPSK	50	24	21.82	21.76	22.08	22.11	21.86		
20	QPSK	50	50	21.79	21.84	21.88	21.95	21.92		
20	QPSK	100	0	21.78	21.76	21.80	21.92	21.81		
20	16QAM	1	0	21.61	21.51	21.45	21.80	21.63	23	0
20	16QAM	1	49	21.86	21.89	21.80	21.79	21.91		
20	16QAM	1	99	21.94	21.89	21.72	21.59	21.83		
20	16QAM	50	0	20.79	20.88	20.70	20.60	20.89	22	1
20	16QAM	50	24	20.81	20.93	20.87	20.74	20.83		
20	16QAM	50	50	20.82	20.83	20.66	20.69	20.73		
20	16QAM	100	0	20.80	20.90	20.80	20.72	20.84		
20	64QAM	1	0	20.41	20.77	20.37	20.83	20.58	22	1
20	64QAM	1	49	20.52	20.73	20.74	20.70	20.73		
20	64QAM	1	99	20.42	20.66	20.64	20.82	20.73		
20	64QAM	50	0	19.64	19.80	19.70	19.84	19.82	21	2
20	64QAM	50	24	19.79	19.89	19.73	19.89	19.89		
20	64QAM	50	50	19.89	19.86	19.62	19.60	19.75		
20	64QAM	100	0	19.69	19.91	19.74	19.80	19.69		
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	21.65	21.78	21.79	21.91	21.71	23.00	0
15	QPSK	1	37	21.86	21.96	21.99	22.19	22.01		
15	QPSK	1	74	21.65	21.93	22.00	21.94	21.81		
15	QPSK	36	0	21.57	21.76	21.86	21.90	21.85	23	0
15	QPSK	36	20	21.78	21.64	21.98	21.99	21.74		
15	QPSK	36	39	21.72	21.80	21.81	21.91	21.86		
15	QPSK	75	0	21.68	21.71	21.70	21.79	21.78		
15	16QAM	1	0	21.55	21.39	21.40	21.73	21.57	23	0
15	16QAM	1	37	21.84	21.85	21.75	21.73	21.84		
15	16QAM	1	74	21.83	21.84	21.61	21.48	21.80		
15	16QAM	36	0	20.71	20.85	20.59	20.47	20.82	22	1
15	16QAM	36	20	20.79	20.87	20.74	20.67	20.72		
15	16QAM	36	39	20.73	20.78	20.64	20.61	20.63		
15	16QAM	75	0	20.70	20.78	20.70	20.68	20.73		
15	64QAM	1	0	20.32	20.74	20.32	20.57	20.55	22	1
15	64QAM	1	37	20.40	20.63	20.63	20.64	20.65		
15	64QAM	1	74	20.39	20.54	20.55	20.56	20.68		
15	64QAM	36	0	19.61	19.78	19.67	19.76	19.71	21	2
15	64QAM	36	20	19.73	19.83	19.68	19.67	19.77		
15	64QAM	36	39	19.77	19.84	19.52	19.52	19.65		
15	64QAM	75	0	19.58	19.81	19.68	19.72	19.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.66	21.75	21.85	21.94	21.75	23.00	0
10	QPSK	1	25	21.87	21.97	21.96	22.12	21.93		
10	QPSK	1	49	21.65	21.94	22.00	21.93	21.79		
10	QPSK	25	0	21.54	21.68	21.83	21.87	21.83	23	0
10	QPSK	25	12	21.80	21.68	21.90	22.07	21.74		
10	QPSK	25	25	21.68	21.73	21.79	21.84	21.90		
10	QPSK	50	0	21.72	21.65	21.69	21.89	21.76		
10	16QAM	1	0	21.51	21.47	21.38	21.71	21.61	23	0
10	16QAM	1	25	21.78	21.84	21.67	21.70	21.86		
10	16QAM	1	49	21.87	21.80	21.70	21.48	21.77		
10	16QAM	25	0	20.70	20.82	20.65	20.53	20.82	22	1
10	16QAM	25	12	20.78	20.91	20.84	20.70	20.78		
10	16QAM	25	25	20.76	20.79	20.60	20.63	20.67		
10	16QAM	50	0	20.77	20.77	20.74	20.67	20.75		
10	64QAM	1	0	20.35	20.73	20.24	20.54	20.56	22	1
10	64QAM	1	25	20.45	20.66	20.65	20.65	20.69		
10	64QAM	1	49	20.29	20.63	20.58	20.51	20.64		
10	64QAM	25	0	19.56	19.73	19.66	19.77	19.75	21	2
10	64QAM	25	12	19.76	19.85	19.71	19.63	19.84		
10	64QAM	25	25	19.80	19.73	19.51	19.50	19.63		
10	64QAM	50	0	19.60	19.86	19.68	19.71	19.59		
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	21.67	21.79	21.81	21.83	21.71	23.00	0
5	QPSK	1	12	21.84	21.99	22.01	22.15	21.98		
5	QPSK	1	24	21.70	21.90	21.98	21.93	21.84		
5	QPSK	12	0	21.59	21.73	21.78	21.83	21.84	23	0
5	QPSK	12	7	21.70	21.64	21.97	22.06	21.83		
5	QPSK	12	13	21.68	21.73	21.78	21.83	21.85		
5	QPSK	25	0	21.70	21.71	21.71	21.89	21.77		
5	16QAM	1	0	21.56	21.43	21.39	21.69	21.58	23	0
5	16QAM	1	12	21.78	21.84	21.75	21.67	21.78		
5	16QAM	1	24	21.89	21.85	21.59	21.52	21.77		
5	16QAM	12	0	20.67	20.82	20.59	20.48	20.78	22	1
5	16QAM	12	7	20.72	20.86	20.77	20.70	20.72		
5	16QAM	12	13	20.79	20.72	20.61	20.58	20.70		
5	16QAM	25	0	20.78	20.88	20.76	20.59	20.80		
5	64QAM	1	0	20.29	20.64	20.34	20.57	20.55	22	1
5	64QAM	1	12	20.39	20.71	20.65	20.65	20.71		
5	64QAM	1	24	20.32	20.64	20.55	20.60	20.60		
5	64QAM	12	0	19.57	19.75	19.66	19.76	19.72	21	2
5	64QAM	12	7	19.68	19.79	19.69	19.56	19.82		
5	64QAM	12	13	19.85	19.76	19.56	19.47	19.63		
5	64QAM	25	0	19.59	19.88	19.66	19.68	19.57		

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GSM850_Ant 13	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	31.33	31.28	31.21	32.50	22.33	22.28	22.21	23.50
GPRS 1 Tx slot	31.30	31.26	31.19	32.50	22.30	22.26	22.19	23.50
GPRS 2 Tx slots	28.32	28.27	28.24	30.00	22.32	22.27	22.24	24.00
GPRS 3 Tx slots	26.63	26.52	26.59	28.50	22.37	22.26	22.33	24.24
GPRS 4 Tx slots	26.16	26.05	26.03	28.00	23.16	23.05	23.03	25.00
EDGE(GMSK 1 Tx slot)	31.28	31.24	31.18	32.50	22.28	22.24	22.18	23.50
EDGE(GMSK 2 Tx slots)	28.27	28.22	28.21	30.00	22.27	22.22	22.21	24.00
EDGE(GMSK 3 Tx slots)	26.68	26.60	26.56	28.50	22.42	22.34	22.30	24.24
EDGE(GMSK 4 Tx slots)	26.10	26.02	25.97	28.00	23.10	23.02	22.97	25.00
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	29.51	29.45	29.48	31.00	23.51	23.45	23.48	25.00
GPRS 3 Tx slots	27.76	27.68	27.61	29.50	23.50	23.42	23.35	25.24
GPRS 4 Tx slots	26.48	26.39	26.34	28.00	23.48	23.39	23.34	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	29.45	29.39	29.46	31.00	23.45	23.39	23.46	25.00
EDGE(GMSK 3 Tx slots)	27.75	27.66	27.58	29.50	23.49	23.40	23.32	25.24
EDGE(GMSK 4 Tx slots)	26.46	26.35	26.33	28.00	23.46	23.35	23.33	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 13	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	24.75	24.96	24.91	26.40	15.75	15.96	15.91	17.40
GPRS 1 Tx slot	24.72	24.95	24.88	26.40	15.72	15.95	15.88	17.40
GPRS 2 Tx slots	21.72	21.94	21.86	23.40	15.72	15.94	15.86	17.40
GPRS 3 Tx slots	19.54	19.77	19.71	21.00	15.28	15.51	15.45	16.74
GPRS 4 Tx slots	19.91	20.09	19.97	21.40	16.91	17.09	16.97	18.40
EDGE(GMSK 1 Tx slot)	24.70	24.91	24.86	26.40	15.70	15.91	15.86	17.40
EDGE(GMSK 2 Tx slots)	21.70	21.91	21.85	23.40	15.70	15.91	15.85	17.40
EDGE(GMSK 3 Tx slots)	19.50	19.73	19.67	21.00	15.24	15.47	15.41	16.74
EDGE(GMSK 4 Tx slots)	19.47	19.68	19.53	21.40	16.47	16.68	16.53	18.40
EDGE 1 Tx slot	25.10	25.42	25.44	26.40	16.10	16.42	16.44	17.40
EDGE 2 Tx slots	21.96	22.37	22.24	23.40	15.96	16.37	16.24	17.40
EDGE 3 Tx slots	19.76	20.09	19.96	21.00	15.50	15.83	15.70	16.74
EDGE 4 Tx slots	20.15	20.45	20.41	21.40	17.15	17.45	17.41	18.40

GSM1900_Ant 31	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	29.11	29.21	29.10	29.40	20.11	20.21	20.10	20.40
GPRS 1 Tx slot	29.09	29.18	29.09	29.40	20.09	20.18	20.09	20.40
GPRS 2 Tx slots	25.42	25.53	25.43	25.90	19.42	19.53	19.43	19.90
GPRS 3 Tx slots	23.80	23.85	23.73	24.00	19.54	19.59	19.47	19.74
GPRS 4 Tx slots	22.59	22.65	22.55	23.40	19.59	19.65	19.55	20.40
EDGE(GMSK 1 Tx slot)	29.07	29.15	29.07	29.40	20.07	20.15	20.07	20.40
EDGE(GMSK 2 Tx slots)	25.39	25.49	25.42	25.90	19.39	19.49	19.42	19.90
EDGE(GMSK 3 Tx slots)	23.77	23.83	23.72	24.00	19.51	19.57	19.46	19.74
EDGE(GMSK 4 Tx slots)	22.56	22.60	22.54	23.40	19.56	19.60	19.54	20.40
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			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	16.02	16.12	16.09	17.00	16.97	17.02	16.94	17.50	18.90	18.85	19.02	20.00
3GPP Rel 99	RMC 12.2Kbps	16.13	16.24	16.15	17.00	16.99	17.12	16.98	17.50	18.93	18.88	19.03	20.00
3GPP Rel 6	HSDPA Subtest-1	15.06	15.21	14.96	16.00	15.79	15.95	15.99	16.50	17.65	17.75	17.84	19.00
3GPP Rel 6	HSDPA Subtest-2	15.06	15.13	14.94	16.00	15.86	15.93	15.95	16.50	17.73	17.72	17.88	19.00
3GPP Rel 6	HSDPA Subtest-3	14.43	14.66	14.49	15.50	15.31	15.51	15.46	16.00	17.22	17.13	17.38	18.50
3GPP Rel 6	HSDPA Subtest-4	14.41	14.58	14.49	15.50	15.42	15.57	15.46	16.00	17.20	17.18	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.88	15.13	14.82	16.00	15.66	15.77	16.00	16.50	17.61	17.59	17.72	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.97	15.17	14.93	16.00	15.72	15.92	15.77	16.50	17.57	17.52	17.87	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.43	14.62	14.41	15.50	15.29	15.45	15.34	16.00	17.09	17.09	17.27	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.21	14.53	14.44	15.50	15.36	15.53	15.44	16.00	16.97	16.98	17.37	18.50
3GPP Rel 6	HSUPA Subtest-1	14.92	15.20	15.00	16.00	15.88	16.06	15.96	16.50	17.80	17.79	18.02	19.00
3GPP Rel 6	HSUPA Subtest-2	13.28	13.20	13.03	14.00	13.91	13.98	14.14	14.50	15.76	15.79	16.00	17.00
3GPP Rel 6	HSUPA Subtest-3	14.26	14.17	14.13	15.00	15.02	15.04	14.96	15.50	16.87	16.88	17.00	18.00
3GPP Rel 6	HSUPA Subtest-4	13.15	13.17	13.08	14.00	13.97	14.01	14.00	14.50	15.81	15.82	15.94	17.00
3GPP Rel 6	HSUPA Subtest-5	15.11	15.19	15.00	16.00	16.05	16.03	16.04	16.50	17.73	17.78	17.95	19.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	18.49	18.69	18.46	19.00	18.61	18.75	18.71	19.50	22.62	22.57	22.66	24.00
3GPP Rel 99	RMC 12.2Kbps	18.55	18.71	18.59	19.00	18.70	18.78	18.72	19.50	22.65	22.67	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	17.61	17.71	17.64	18.00	17.72	17.76	17.94	18.50	21.64	21.66	21.87	23.00
3GPP Rel 6	HSDPA Subtest-2	17.69	17.75	17.62	18.00	17.71	17.80	17.84	18.50	21.76	21.76	21.87	23.00
3GPP Rel 6	HSDPA Subtest-3	17.23	17.33	17.15	17.50	17.14	17.31	17.32	18.00	21.13	21.25	21.30	22.50
3GPP Rel 6	HSDPA Subtest-4	17.11	17.20	17.08	17.50	17.24	17.38	17.35	18.00	21.13	21.19	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.66	17.67	17.64	18.00	17.76	17.64	17.79	18.50	21.61	21.55	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.54	17.69	17.56	18.00	17.56	17.66	17.87	18.50	21.65	21.70	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.14	17.09	17.50	17.07	17.25	17.24	18.00	21.07	21.29	21.13	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.05	17.08	17.07	17.50	17.04	17.27	17.22	18.00	21.04	21.18	21.33	22.50
3GPP Rel 6	HSUPA Subtest-1	17.63	17.87	17.81	18.00	17.73	17.94	17.94	18.50	21.62	21.69	21.71	23.00
3GPP Rel 6	HSUPA Subtest-2	15.70	15.72	15.69	16.00	15.66	15.90	15.98	16.50	19.51	19.75	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	16.62	16.75	16.69	17.00	16.65	16.81	16.99	17.50	20.59	20.61	20.82	22.00
3GPP Rel 6	HSUPA Subtest-4	15.75	15.84	15.74	16.00	15.70	15.79	15.91	16.50	19.65	19.65	19.74	21.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.80	17.70	18.00	17.57	17.90	17.92	18.50	21.68	21.63	21.78	23.00

Band 2_Ant 13

BW [MHz]	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	16.03	16.33	16.19	17	0
20	QPSK	1	49	16.13	16.35	16.22		
20	QPSK	1	99	16.04	16.21	16.08		
20	QPSK	50	0	16.01	16.30	16.26	17	0
20	QPSK	50	24	16.13	16.31	16.18		
20	QPSK	50	50	16.02	16.24	16.10		
20	QPSK	100	0	15.98	16.22	16.13		
20	16QAM	1	0	16.29	16.33	16.32	17	0
20	16QAM	1	49	16.27	16.33	16.30		
20	16QAM	1	99	16.24	16.31	16.33		
20	16QAM	50	0	15.94	16.27	16.18	17	0
20	16QAM	50	24	16.06	16.30	16.24		
20	16QAM	50	50	16.07	16.14	16.12		
20	16QAM	100	0	15.92	16.29	16.11		
20	64QAM	1	0	16.31	16.29	16.33	17	0
20	64QAM	1	49	16.29	16.27	16.31		
20	64QAM	1	99	16.21	16.32	16.18		
20	64QAM	50	0	16.04	16.32	16.20	17	0
20	64QAM	50	24	16.14	16.26	16.19		
20	64QAM	50	50	16.02	16.33	16.10		
20	64QAM	100	0	16.00	16.29	16.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.98	16.27	16.15	17	0
15	QPSK	1	37	16.10	16.23	16.13		
15	QPSK	1	74	15.96	16.14	16.04		
15	QPSK	36	0	15.92	16.26	16.19	17	0
15	QPSK	36	20	16.07	16.22	16.08		
15	QPSK	36	39	15.93	16.22	16.04		
15	QPSK	75	0	15.93	16.19	16.07		
15	16QAM	1	0	16.17	16.22	16.29	17	0
15	16QAM	1	37	16.24	16.23	16.18		
15	16QAM	1	74	16.15	16.18	16.30		
15	16QAM	36	0	15.83	16.25	16.10	17	0
15	16QAM	36	20	16.01	16.24	16.19		
15	16QAM	36	39	15.96	16.09	16.03		
15	16QAM	75	0	15.87	16.21	16.09		
15	64QAM	1	0	16.21	16.22	16.22	17	0
15	64QAM	1	37	16.17	16.18	16.19		
15	64QAM	1	74	16.19	16.19	16.11		
15	64QAM	36	0	15.97	16.19	16.08	17	0
15	64QAM	36	20	16.03	16.24	16.09		
15	64QAM	36	39	15.94	16.23	16.00		
15	64QAM	75	0	15.87	16.21	15.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.99	16.28	16.14	17	0
10	QPSK	1	25	16.10	16.29	16.12		
10	QPSK	1	49	15.91	16.12	15.98		
10	QPSK	25	0	15.90	16.26	16.19	17	0
10	QPSK	25	12	16.04	16.23	16.13		
10	QPSK	25	25	15.95	16.16	16.05		
10	QPSK	50	0	15.96	16.20	16.10		
10	16QAM	1	0	16.18	16.26	16.23	17	0
10	16QAM	1	25	16.17	16.30	16.24		
10	16QAM	1	49	16.12	16.24	16.24		
10	16QAM	25	0	15.82	16.19	16.11	17	0
10	16QAM	25	12	15.96	16.25	16.12		
10	16QAM	25	25	16.01	16.12	16.10		
10	16QAM	50	0	15.84	16.25	15.99		
10	64QAM	1	0	16.26	16.18	16.30	17	0
10	64QAM	1	25	16.17	16.24	16.21		
10	64QAM	1	49	16.11	16.19	16.05		
10	64QAM	25	0	15.94	16.23	16.11	17	0
10	64QAM	25	12	16.10	16.18	16.06		
10	64QAM	25	25	15.95	16.25	16.00		
10	64QAM	50	0	15.87	16.17	15.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.96	16.30	16.15	17	0
5	QPSK	1	12	16.08	16.26	16.14		
5	QPSK	1	24	15.97	16.15	15.95		
5	QPSK	12	0	15.91	16.22	16.13	17	0
5	QPSK	12	7	16.11	16.27	16.13		
5	QPSK	12	13	16.00	16.14	16.02		
5	QPSK	25	0	15.91	16.14	16.07		
5	16QAM	1	0	16.22	16.24	16.19	17	0
5	16QAM	1	12	16.24	16.31	16.17		
5	16QAM	1	24	16.21	16.22	16.25		
5	16QAM	12	0	15.81	16.15	16.10	17	0
5	16QAM	12	7	15.97	16.20	16.11		
5	16QAM	12	13	15.96	16.02	16.05		
5	16QAM	25	0	15.88	16.20	16.02		
5	64QAM	1	0	16.29	16.22	16.30	17	0
5	64QAM	1	12	16.25	16.23	16.23		
5	64QAM	1	24	16.13	16.29	16.12		
5	64QAM	12	0	15.94	16.19	16.18	17	0
5	64QAM	12	7	16.11	16.14	16.07		
5	64QAM	12	13	15.93	16.27	16.01		
5	64QAM	25	0	15.88	16.21	15.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.01	16.30	16.16	17	0
3	QPSK	1	8	16.11	16.24	16.16		
3	QPSK	1	14	15.92	16.10	16.05		
3	QPSK	8	0	15.95	16.22	16.21	17	0
3	QPSK	8	4	16.08	16.20	16.07		
3	QPSK	8	7	15.99	16.21	15.99		
3	QPSK	15	0	15.92	16.11	16.10		
3	16QAM	1	0	16.21	16.26	16.24	17	0
3	16QAM	1	8	16.16	16.22	16.28		
3	16QAM	1	14	16.11	16.18	16.26		
3	16QAM	8	0	15.87	16.23	16.07	17	0
3	16QAM	8	4	15.98	16.25	16.12		
3	16QAM	8	7	15.95	16.03	16.10		
3	16QAM	15	0	15.81	16.16	16.09		
3	64QAM	1	0	16.24	16.27	16.24	17	0
3	64QAM	1	8	16.22	16.21	16.23		
3	64QAM	1	14	16.15	16.24	16.13		
3	64QAM	8	0	15.91	16.21	16.17	17	0
3	64QAM	8	4	16.04	16.13	16.06		
3	64QAM	8	7	15.99	16.21	15.97		
3	64QAM	15	0	15.93	16.26	15.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.96	16.26	16.11	17	0
1.4	QPSK	1	3	16.04	16.25	16.09		
1.4	QPSK	1	5	16.01	16.10	15.97		
1.4	QPSK	3	0	15.92	16.17	16.20		
1.4	QPSK	3	1	16.03	16.21	16.11		
1.4	QPSK	3	3	15.89	16.11	15.97		
1.4	QPSK	6	0	15.96	16.15	16.00	17	0
1.4	16QAM	1	0	16.24	16.25	16.29	17	0
1.4	16QAM	1	3	16.17	16.25	16.28		
1.4	16QAM	1	5	16.20	16.29	16.31		
1.4	16QAM	3	0	15.81	16.19	16.09		
1.4	16QAM	3	1	16.02	16.17	16.20		
1.4	16QAM	3	3	16.02	16.02	16.00		
1.4	16QAM	6	0	15.81	16.27	16.08	17	0
1.4	64QAM	1	0	16.22	16.27	16.23	17	0
1.4	64QAM	1	3	16.17	16.23	16.25		
1.4	64QAM	1	5	16.09	16.21	16.13		
1.4	64QAM	3	0	15.98	16.30	16.08		
1.4	64QAM	3	1	16.08	16.19	16.14		
1.4	64QAM	3	3	15.99	16.27	15.99		
1.4	64QAM	6	0	15.90	16.25	16.01	17	0

Band 2_Ant 31

BW [MHz]	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	19.61	19.56	19.64	20.5	0
20	QPSK	1	49	19.69	19.84	19.80		
20	QPSK	1	99	19.38	19.49	19.41		
20	QPSK	50	0	19.50	19.74	19.76	20.5	0
20	QPSK	50	24	19.77	19.81	19.80		
20	QPSK	50	50	19.45	19.78	19.71		
20	QPSK	100	0	19.59	19.77	19.71		
20	16QAM	1	0	19.79	19.81	19.74	20.5	0
20	16QAM	1	49	19.45	19.44	19.34		
20	16QAM	1	99	19.51	19.69	19.55		
20	16QAM	50	0	19.47	19.55	19.68	20.5	0
20	16QAM	50	24	19.48	19.82	19.64		
20	16QAM	50	50	19.43	19.64	19.34		
20	16QAM	100	0	19.42	19.56	19.70		
20	64QAM	1	0	19.76	19.74	19.81	20.5	0
20	64QAM	1	49	19.57	19.59	19.73		
20	64QAM	1	99	19.70	19.77	19.71		
20	64QAM	50	0	19.59	19.73	19.79	20.5	0
20	64QAM	50	24	19.63	19.81	19.80		
20	64QAM	50	50	19.32	19.53	19.41		
20	64QAM	100	0	19.49	19.68	19.80		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.57	19.48	19.61	20.5	0
15	QPSK	1	37	19.58	19.76	19.71		
15	QPSK	1	74	19.30	19.39	19.36		
15	QPSK	36	0	19.46	19.66	19.74	20.5	0
15	QPSK	36	20	19.66	19.70	19.74		
15	QPSK	36	39	19.37	19.71	19.66		
15	QPSK	75	0	19.47	19.75	19.61		
15	16QAM	1	0	19.72	19.79	19.68	20.5	0
15	16QAM	1	37	19.34	19.31	19.25		
15	16QAM	1	74	19.44	19.62	19.49		
15	16QAM	36	0	19.44	19.50	19.58	20.5	0
15	16QAM	36	20	19.46	19.69	19.55		
15	16QAM	36	39	19.32	19.51	19.29		
15	16QAM	75	0	19.36	19.48	19.64		
15	64QAM	1	0	19.70	19.65	19.77	20.5	0
15	64QAM	1	37	19.45	19.51	19.65		
15	64QAM	1	74	19.62	19.71	19.58		
15	64QAM	36	0	19.49	19.64	19.77	20.5	0
15	64QAM	36	20	19.56	19.72	19.78		
15	64QAM	36	39	19.20	19.42	19.31		
15	64QAM	75	0	19.37	19.61	19.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.56	19.53	19.57	20.5	0
10	QPSK	1	25	19.64	19.75	19.74		
10	QPSK	1	49	19.34	19.44	19.35		
10	QPSK	25	0	19.46	19.68	19.65	20.5	0
10	QPSK	25	12	19.75	19.73	19.72		
10	QPSK	25	25	19.43	19.72	19.64		
10	QPSK	50	0	19.48	19.70	19.68		
10	16QAM	1	0	19.68	19.71	19.67	20.5	0
10	16QAM	1	25	19.38	19.32	19.26		
10	16QAM	1	49	19.45	19.60	19.51		
10	16QAM	25	0	19.41	19.48	19.61	20.5	0
10	16QAM	25	12	19.42	19.69	19.62		
10	16QAM	25	25	19.35	19.57	19.21		
10	16QAM	50	0	19.40	19.43	19.66		
10	64QAM	1	0	19.72	19.67	19.73	20.5	0
10	64QAM	1	25	19.51	19.47	19.61		
10	64QAM	1	49	19.61	19.66	19.60		
10	64QAM	25	0	19.47	19.64	19.67	20.5	0
10	64QAM	25	12	19.58	19.76	19.69		
10	64QAM	25	25	19.21	19.49	19.30		
10	64QAM	50	0	19.36	19.66	19.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.54	19.51	19.59	20.5	0
5	QPSK	1	12	19.63	19.81	19.78		
5	QPSK	1	24	19.31	19.46	19.33		
5	QPSK	12	0	19.37	19.70	19.70	20.5	0
5	QPSK	12	7	19.74	19.71	19.67		
5	QPSK	12	13	19.40	19.70	19.67		
5	QPSK	25	0	19.49	19.70	19.61		
5	16QAM	1	0	19.73	19.78	19.71	20.5	0
5	16QAM	1	12	19.43	19.36	19.22		
5	16QAM	1	24	19.48	19.61	19.48		
5	16QAM	12	0	19.37	19.44	19.56	20.5	0
5	16QAM	12	7	19.35	19.72	19.60		
5	16QAM	12	13	19.31	19.51	19.30		
5	16QAM	25	0	19.40	19.46	19.60		
5	64QAM	1	0	19.70	19.61	19.73	20.5	0
5	64QAM	1	12	19.44	19.54	19.63		
5	64QAM	1	24	19.64	19.65	19.62		
5	64QAM	12	0	19.52	19.70	19.72	20.5	0
5	64QAM	12	7	19.57	19.74	19.70		
5	64QAM	12	13	19.26	19.42	19.30		
5	64QAM	25	0	19.37	19.66	19.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.53	19.50	19.56	20.5	0
3	QPSK	1	8	19.62	19.76	19.77		
3	QPSK	1	14	19.27	19.39	19.28		
3	QPSK	8	0	19.48	19.63	19.70	20.5	0
3	QPSK	8	4	19.71	19.77	19.76		
3	QPSK	8	7	19.40	19.75	19.69		
3	QPSK	15	0	19.55	19.68	19.63		
3	16QAM	1	0	19.76	19.72	19.67	20.5	0
3	16QAM	1	8	19.35	19.41	19.29		
3	16QAM	1	14	19.44	19.60	19.52		
3	16QAM	8	0	19.37	19.47	19.59	20.5	0
3	16QAM	8	4	19.40	19.69	19.54		
3	16QAM	8	7	19.34	19.58	19.27		
3	16QAM	15	0	19.36	19.53	19.61		
3	64QAM	1	0	19.74	19.70	19.77	20.5	0
3	64QAM	1	8	19.44	19.51	19.64		
3	64QAM	1	14	19.67	19.66	19.59		
3	64QAM	8	0	19.49	19.67	19.74	20.5	0
3	64QAM	8	4	19.55	19.72	19.69		
3	64QAM	8	7	19.20	19.50	19.33		
3	64QAM	15	0	19.38	19.57	19.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.56	19.53	19.60	20.5	0
1.4	QPSK	1	3	19.62	19.80	19.74		
1.4	QPSK	1	5	19.28	19.38	19.31		
1.4	QPSK	3	0	19.40	19.62	19.63		
1.4	QPSK	3	1	19.65	19.70	19.72		
1.4	QPSK	3	3	19.40	19.69	19.68		
1.4	QPSK	6	0	19.57	19.70	19.65	20.5	0
1.4	16QAM	1	0	19.76	19.68	19.62	20.5	0
1.4	16QAM	1	3	19.34	19.35	19.25		
1.4	16QAM	1	5	19.48	19.62	19.44		
1.4	16QAM	3	0	19.39	19.43	19.55		
1.4	16QAM	3	1	19.40	19.78	19.52		
1.4	16QAM	3	3	19.35	19.60	19.30		
1.4	16QAM	6	0	19.40	19.52	19.66	20.5	0
1.4	64QAM	1	0	19.67	19.61	19.74	20.5	0
1.4	64QAM	1	3	19.48	19.52	19.61		
1.4	64QAM	1	5	19.63	19.74	19.60		
1.4	64QAM	3	0	19.53	19.61	19.67		
1.4	64QAM	3	1	19.54	19.76	19.75		
1.4	64QAM	3	3	19.30	19.50	19.31		
1.4	64QAM	6	0	19.40	19.59	19.77	20.5	0

Band 4_Ant 13

BW [MHz]	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	18.29	18.29	18.39	19.5	0
20	QPSK	1	49	18.31	18.47	18.27		
20	QPSK	1	99	18.05	18.43	18.38		
20	QPSK	50	0	18.34	18.41	18.42	19.5	0
20	QPSK	50	24	18.35	18.45	18.35		
20	QPSK	50	50	18.34	18.38	18.38		
20	QPSK	100	0	18.38	18.40	18.31		
20	16QAM	1	0	18.43	18.31	18.34	19.5	0
20	16QAM	1	49	18.44	18.34	18.45		
20	16QAM	1	99	18.43	18.42	18.40		
20	16QAM	50	0	18.07	18.35	18.31	19.5	0
20	16QAM	50	24	18.31	18.36	18.42		
20	16QAM	50	50	18.46	18.41	18.46		
20	16QAM	100	0	18.41	18.30	18.42		
20	64QAM	1	0	18.44	18.43	18.43	19.5	0
20	64QAM	1	49	18.45	18.38	18.43		
20	64QAM	1	99	18.39	18.42	18.27		
20	64QAM	50	0	18.19	18.35	18.29	19.5	0
20	64QAM	50	24	18.42	18.23	18.35		
20	64QAM	50	50	18.38	18.34	18.29		
20	64QAM	100	0	18.32	18.40	18.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.25	18.26	18.36	19.5	0
15	QPSK	1	37	18.19	18.38	18.15		
15	QPSK	1	74	17.99	18.34	18.25		
15	QPSK	36	0	18.22	18.38	18.37	19.5	0
15	QPSK	36	20	18.24	18.42	18.26		
15	QPSK	36	39	18.30	18.27	18.35		
15	QPSK	75	0	18.29	18.37	18.25		
15	16QAM	1	0	18.36	18.18	18.28	19.5	0
15	16QAM	1	37	18.39	18.32	18.39		
15	16QAM	1	74	18.40	18.29	18.38		
15	16QAM	36	0	17.98	18.24	18.24	19.5	0
15	16QAM	36	20	18.20	18.33	18.35		
15	16QAM	36	39	18.39	18.28	18.39		
15	16QAM	75	0	18.34	18.17	18.39		
15	64QAM	1	0	18.35	18.34	18.41	19.5	0
15	64QAM	1	37	18.43	18.30	18.34		
15	64QAM	1	74	18.26	18.38	18.25		
15	64QAM	36	0	18.11	18.32	18.26	19.5	0
15	64QAM	36	20	18.35	18.16	18.33		
15	64QAM	36	39	18.34	18.24	18.24		
15	64QAM	75	0	18.28	18.29	18.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.25	18.25	18.31	19.5	0
10	QPSK	1	25	18.25	18.36	18.16		
10	QPSK	1	49	17.95	18.35	18.26		
10	QPSK	25	0	18.28	18.36	18.29	19.5	0
10	QPSK	25	12	18.26	18.41	18.33		
10	QPSK	25	25	18.23	18.27	18.36		
10	QPSK	50	0	18.36	18.28	18.29		
10	16QAM	1	0	18.35	18.29	18.26	19.5	0
10	16QAM	1	25	18.35	18.21	18.39		
10	16QAM	1	49	18.30	18.38	18.31		
10	16QAM	25	0	17.98	18.23	18.29	19.5	0
10	16QAM	25	12	18.20	18.24	18.30		
10	16QAM	25	25	18.33	18.33	18.39		
10	16QAM	50	0	18.36	18.27	18.30		
10	64QAM	1	0	18.39	18.40	18.39	19.5	0
10	64QAM	1	25	18.33	18.30	18.33		
10	64QAM	1	49	18.34	18.33	18.16		
10	64QAM	25	0	18.14	18.31	18.17	19.5	0
10	64QAM	25	12	18.29	18.16	18.33		
10	64QAM	25	25	18.31	18.26	18.23		
10	64QAM	50	0	18.22	18.35	18.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.22	18.25	18.31	19.5	0
5	QPSK	1	12	18.19	18.45	18.17		
5	QPSK	1	24	17.96	18.40	18.25		
5	QPSK	12	0	18.30	18.29	18.36	19.5	0
5	QPSK	12	7	18.29	18.32	18.25		
5	QPSK	12	13	18.31	18.34	18.26		
5	QPSK	25	0	18.30	18.29	18.21		
5	16QAM	1	0	18.36	18.28	18.31	19.5	0
5	16QAM	1	12	18.33	18.29	18.36		
5	16QAM	1	24	18.37	18.37	18.35		
5	16QAM	12	0	17.97	18.24	18.28	19.5	0
5	16QAM	12	7	18.26	18.29	18.31		
5	16QAM	12	13	18.41	18.31	18.42		
5	16QAM	25	0	18.31	18.23	18.35		
5	64QAM	1	0	18.36	18.33	18.32	19.5	0
5	64QAM	1	12	18.40	18.33	18.33		
5	64QAM	1	24	18.35	18.32	18.21		
5	64QAM	12	0	18.07	18.31	18.21	19.5	0
5	64QAM	12	7	18.32	18.10	18.24		
5	64QAM	12	13	18.26	18.22	18.27		
5	64QAM	25	0	18.23	18.37	18.31		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.27	18.27	18.34	19.5	0
3	QPSK	1	8	18.19	18.36	18.21		
3	QPSK	1	14	17.94	18.32	18.30		
3	QPSK	8	0	18.21	18.29	18.32	19.5	0
3	QPSK	8	4	18.25	18.39	18.26		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.12	19.19	19.17	20.5	0
20	QPSK	1	49	19.18	19.32	19.22		
20	QPSK	1	99	19.02	19.29	19.20		
20	QPSK	50	0	19.14	19.22	19.18	20.5	0
20	QPSK	50	24	19.18	19.27	19.23		
20	QPSK	50	50	19.13	19.19	19.10		
20	QPSK	100	0	19.04	19.18	19.14		
20	16QAM	1	0	19.01	19.05	19.12	20.5	0
20	16QAM	1	49	19.20	19.06	19.29		
20	16QAM	1	99	19.13	19.10	19.23		
20	16QAM	50	0	19.05	19.07	19.25	20.5	0
20	16QAM	50	24	19.22	19.16	19.14		
20	16QAM	50	50	19.25	19.28	19.26		
20	16QAM	100	0	18.92	19.10	19.23		
20	64QAM	1	0	19.09	18.95	19.12	20.5	0
20	64QAM	1	49	19.27	19.24	19.29		
20	64QAM	1	99	19.08	19.19	19.23		
20	64QAM	50	0	19.07	19.05	19.11	20.5	0
20	64QAM	50	24	19.20	19.15	19.22		
20	64QAM	50	50	19.14	19.15	19.24		
20	64QAM	100	0	19.04	19.07	19.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.07	19.17	19.14	20.5	0
15	QPSK	1	37	19.10	19.29	19.14		
15	QPSK	1	74	18.95	19.20	19.12		
15	QPSK	36	0	19.05	19.19	19.14	20.5	0
15	QPSK	36	20	19.05	19.14	19.15		
15	QPSK	36	39	19.05	19.08	19.03		
15	QPSK	75	0	19.00	19.06	19.09		
15	16QAM	1	0	18.89	18.99	19.03	20.5	0
15	16QAM	1	37	19.07	18.94	19.17		
15	16QAM	1	74	19.07	19.01	19.13		
15	16QAM	36	0	19.03	19.03	19.23	20.5	0
15	16QAM	36	20	19.10	19.12	19.09		
15	16QAM	36	39	19.22	19.26	19.21		
15	16QAM	75	0	18.86	18.98	19.18		
15	64QAM	1	0	19.07	18.84	19.04	20.5	0
15	64QAM	1	37	19.18	19.21	19.26		
15	64QAM	1	74	19.05	19.16	19.13		
15	64QAM	36	0	19.03	18.93	19.00	20.5	0
15	64QAM	36	20	19.07	19.11	19.18		
15	64QAM	36	39	19.02	19.03	19.19		
15	64QAM	75	0	18.97	19.02	19.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.09	19.11	19.13	20.5	0
10	QPSK	1	25	19.10	19.25	19.11		
10	QPSK	1	49	18.90	19.26	19.11		
10	QPSK	25	0	19.12	19.09	19.09	20.5	0
10	QPSK	25	12	19.09	19.22	19.19		
10	QPSK	25	25	19.05	19.14	18.97		
10	QPSK	50	0	18.95	19.16	19.11		
10	16QAM	1	0	18.89	19.00	19.02	20.5	0
10	16QAM	1	25	19.12	19.02	19.27		
10	16QAM	1	49	19.11	19.08	19.11		
10	16QAM	25	0	18.97	18.99	19.18	20.5	0
10	16QAM	25	12	19.17	19.10	19.06		
10	16QAM	25	25	19.16	19.25	19.22		
10	16QAM	50	0	18.81	19.07	19.18		
10	64QAM	1	0	19.03	18.88	19.07	20.5	0
10	64QAM	1	25	19.22	19.18	19.16		
10	64QAM	1	49	19.03	19.16	19.21		
10	64QAM	25	0	19.05	18.93	19.06	20.5	0
10	64QAM	25	12	19.10	19.10	19.14		
10	64QAM	25	25	19.06	19.09	19.15		
10	64QAM	50	0	19.01	18.94	19.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.04	19.15	19.15	20.5	0
5	QPSK	1	12	19.05	19.19	19.15		
5	QPSK	1	24	18.91	19.24	19.08		
5	QPSK	12	0	19.11	19.10	19.06	20.5	0
5	QPSK	12	7	19.08	19.20	19.14		
5	QPSK	12	13	19.02	19.16	19.08		
5	QPSK	25	0	18.99	19.13	19.04		
5	16QAM	1	0	18.94	18.98	19.03	20.5	0
5	16QAM	1	12	19.07	18.96	19.18		
5	16QAM	1	24	19.03	19.04	19.11		
5	16QAM	12	0	18.96	18.95	19.23	20.5	0
5	16QAM	12	7	19.09	19.05	19.07		
5	16QAM	12	13	19.23	19.22	19.21		
5	16QAM	25	0	18.80	19.08	19.14		
5	64QAM	1	0	18.97	18.85	19.02	20.5	0
5	64QAM	1	12	19.25	19.15	19.21		
5	64QAM	1	24	19.02	19.07	19.20		
5	64QAM	12	0	18.98	18.94	19.09	20.5	0
5	64QAM	12	7	19.09	19.03	19.15		
5	64QAM	12	13	19.09	19.09	19.12		
5	64QAM	25	0	18.99	19.03	19.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.06	19.16	19.14	20.5	0
3	QPSK	1	8	19.06	19.20	19.13		
3	QPSK	1	14	18.93	19.17	19.12		
3	QPSK	8	0	19.05	19.19	19.10	20.5	0
3	QPSK	8	4	19.10	19.25	19.19		
3	QPSK	8	7	19.11	19.13	19.04		
3	QPSK	15	0	18.97	19.08	19.07		
3	16QAM	1	0	18.90	18.92	19.03	20.5	0
3	16QAM	1	8	19.15	18.98	19.17		
3	16QAM	1	14	19.04	19.03	19.14		
3	16QAM	8	0	18.92	19.02	19.14	20.5	0
3	16QAM	8	4	19.15	19.03	19.07		
3	16QAM	8	7	19.18	19.16	19.13		
3	16QAM	15	0	18.85	19.00	19.20		
3	64QAM	1	0	19.04	18.92	19.04	20.5	0
3	64QAM	1	8	19.15	19.11	19.16		
3	64QAM	1	14	18.95	19.17	19.18		
3	64QAM	8	0	18.94	18.94	19.03	20.5	0
3	64QAM	8	4	19.09	19.04	19.11		
3	64QAM	8	7	19.12	19.04	19.19		
3	64QAM	15	0	19.02	19.05	19.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.09	19.17	19.11	20.5	0
1.4	QPSK	1	3	19.16	19.22	19.20		
1.4	QPSK	1	5	18.98	19.24	19.12		
1.4	QPSK	3	0	19.09	19.11	19.06		
1.4	QPSK	3	1	19.16	19.24	19.14		
1.4	QPSK	3	3	19.00	19.12	19.01		
1.4	QPSK	6	0	18.96	19.06	19.05	20.5	0
1.4	16QAM	1	0	18.98	19.01	19.06	20.5	0
1.4	16QAM	1	3	19.13	18.99	19.27		
1.4	16QAM	1	5	19.03	19.02	19.10		
1.4	16QAM	3	0	18.93	18.97	19.17		
1.4	16QAM	3	1	19.15	19.09	19.03		
1.4	16QAM	3	3	19.21	19.16	19.18		
1.4	16QAM	6	0	18.80	19.08	19.20	20.5	0
1.4	64QAM	1	0	19.01	18.85	18.99	20.5	0
1.4	64QAM	1	3	19.14	19.17	19.24		
1.4	64QAM	1	5	18.98	19.08	19.21		
1.4	64QAM	3	0	19.04	18.97	19.01		
1.4	64QAM	3	1	19.12	19.06	19.14		
1.4	64QAM	3	3	19.10	19.05	19.12		
1.4	64QAM	6	0	18.99	19.03	19.26	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.90	23.10	22.92	24	0
10	QPSK	1	25	22.92	23.12	23.10		
10	QPSK	1	49	22.94	23.04	23.03		
10	QPSK	25	0	21.75	21.89	21.82	23	1
10	QPSK	25	12	21.71	21.95	21.88		
10	QPSK	25	25	21.83	21.91	21.86		
10	QPSK	50	0	21.77	21.91	21.83		
10	16QAM	1	0	22.33	22.21	22.17	23	1
10	16QAM	1	25	22.01	21.90	21.87		
10	16QAM	1	49	22.14	21.97	21.99		
10	16QAM	25	0	20.78	20.93	20.79	22	2
10	16QAM	25	12	20.68	21.03	20.81		
10	16QAM	25	25	20.87	21.00	20.97		
10	16QAM	50	0	20.82	21.03	20.78		
10	64QAM	1	0	21.09	21.16	20.97	22	2
10	64QAM	1	25	21.14	21.26	21.02		
10	64QAM	1	49	21.27	21.42	21.34		
10	64QAM	25	0	19.74	19.87	19.70	21	3
10	64QAM	25	12	19.84	20.14	19.83		
10	64QAM	25	25	19.77	20.10	19.93		
10	64QAM	50	0	19.77	19.99	19.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.81	23.02	22.90	24	0
5	QPSK	1	12	22.89	22.94	23.10		
5	QPSK	1	24	22.79	22.93	23.02		
5	QPSK	12	0	21.60	21.89	21.70	23	1
5	QPSK	12	7	21.71	21.93	21.90		
5	QPSK	12	13	21.76	21.82	21.84		
5	QPSK	25	0	21.78	21.90	21.75		
5	16QAM	1	0	22.24	22.16	22.04	23	1
5	16QAM	1	12	21.83	21.83	21.79		
5	16QAM	1	24	22.08	21.88	21.98		
5	16QAM	12	0	20.80	20.78	20.76	22	2
5	16QAM	12	7	20.56	20.85	20.63		
5	16QAM	12	13	20.83	20.92	20.93		
5	16QAM	25	0	20.78	20.99	20.67		
5	64QAM	1	0	21.07	21.10	20.91	22	2
5	64QAM	1	12	21.05	21.10	21.02		
5	64QAM	1	24	21.25	21.33	21.33		
5	64QAM	12	0	19.66	19.85	19.63	21	3
5	64QAM	12	7	19.77	20.09	19.84		
5	64QAM	12	13	19.73	20.08	19.82		
5	64QAM	25	0	19.78	19.90	19.66		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.77	22.98	22.83	24	0
3	QPSK	1	8	22.94	23.00	22.92		
3	QPSK	1	14	22.82	22.96	22.89		
3	QPSK	8	0	21.64	21.88	21.84	23	1
3	QPSK	8	4	21.56	21.77	21.74		
3	QPSK	8	7	21.69	21.84	21.69		
3	QPSK	15	0	21.73	21.88	21.84		
3	16QAM	1	0	22.22	22.18	22.10	23	1
3	16QAM	1	8	21.95	21.73	21.86		
3	16QAM	1	14	22.09	21.84	21.87		
3	16QAM	8	0	20.75	20.82	20.67	22	2
3	16QAM	8	4	20.64	20.90	20.68		
3	16QAM	8	7	20.80	20.85	20.85		
3	16QAM	15	0	20.73	21.02	20.66		
3	64QAM	1	0	21.10	21.18	20.99	22	2
3	64QAM	1	8	21.10	21.28	20.93		
3	64QAM	1	14	21.21	21.41	21.24		
3	64QAM	8	0	19.75	19.86	19.59	21	3
3	64QAM	8	4	19.69	19.98	19.77		
3	64QAM	8	7	19.66	20.04	19.82		
3	64QAM	15	0	19.73	19.94	19.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.55	22.98	22.79	24	0
1.4	QPSK	1	3	22.96	22.75	22.89		
1.4	QPSK	1	5	22.73	22.51	22.98		
1.4	QPSK	3	0	22.70	22.92	22.86		
1.4	QPSK	3	1	22.91	22.67	22.90		
1.4	QPSK	3	3	22.73	22.84	22.99		
1.4	QPSK	6	0	21.75	21.76	21.87	23	1
1.4	16QAM	1	0	21.87	21.88	21.93	23	1
1.4	16QAM	1	3	21.76	21.99	21.99		
1.4	16QAM	1	5	22.16	21.84	22.11		
1.4	16QAM	3	0	21.79	21.66	21.65		
1.4	16QAM	3	1	21.96	21.69	21.92		
1.4	16QAM	3	3	21.52	21.68	21.84		
1.4	16QAM	6	0	20.76	20.82	20.85	22	2
1.4	64QAM	1	0	21.18	21.32	21.13	22	2
1.4	64QAM	1	3	20.98	21.27	20.99		
1.4	64QAM	1	5	21.04	21.17	21.05		
1.4	64QAM	3	0	20.66	21.04	21.04		
1.4	64QAM	3	1	21.06	20.84	21.09		
1.4	64QAM	3	3	20.90	20.86	21.09		
1.4	64QAM	6	0	19.76	19.82	20.08	21	3

Band 5_Ant 31

BW [MHz]	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	22.36	22.44	22.46	23.5	0
10	QPSK	1	25	22.25	22.62	22.34		
10	QPSK	1	49	22.47	22.52	22.52		
10	QPSK	25	0	21.77	21.80	21.82	23	0.5
10	QPSK	25	12	21.74	21.91	21.80		
10	QPSK	25	25	21.68	21.90	21.79		
10	QPSK	50	0	21.70	21.75	21.71		
10	16QAM	1	0	22.03	21.78	22.25	23	0.5
10	16QAM	1	25	22.22	22.16	21.83		
10	16QAM	1	49	21.84	22.16	22.10		
10	16QAM	25	0	20.80	20.67	20.94	22	1.5
10	16QAM	25	12	20.79	20.72	20.95		
10	16QAM	25	25	20.88	20.60	20.96		
10	16QAM	50	0	20.74	20.83	21.00		
10	64QAM	1	0	20.92	20.93	20.86	22	1.5
10	64QAM	1	25	20.90	20.84	20.85		
10	64QAM	1	49	21.12	21.29	21.21		
10	64QAM	25	0	19.80	19.67	19.82	21	2.5
10	64QAM	25	12	19.79	19.76	19.89		
10	64QAM	25	25	19.94	19.83	20.05		
10	64QAM	50	0	19.84	19.73	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.40	22.44	23.5	0
5	QPSK	1	12	22.23	22.55	22.27		
5	QPSK	1	24	22.43	22.47	22.49		
5	QPSK	12	0	21.64	21.72	21.79	23	0.5
5	QPSK	12	7	21.71	21.89	21.67		
5	QPSK	12	13	21.56	21.85	21.73		
5	QPSK	25	0	21.60	21.73	21.62		
5	16QAM	1	0	22.01	21.66	22.18	23	0.5
5	16QAM	1	12	22.15	22.05	21.77		
5	16QAM	1	24	21.82	22.12	21.98		
5	16QAM	12	0	20.77	20.57	20.87	22	1.5
5	16QAM	12	7	20.72	20.60	20.83		
5	16QAM	12	13	20.84	20.51	20.94		
5	16QAM	25	0	20.67	20.80	20.89		
5	64QAM	1	0	20.79	20.80	20.73	22	1.5
5	64QAM	1	12	20.84	20.76	20.82		
5	64QAM	1	24	21.06	21.21	21.08		
5	64QAM	12	0	19.70	19.58	19.79	21	2.5
5	64QAM	12	7	19.69	19.69	19.86		
5	64QAM	12	13	19.87	19.70	19.94		
5	64QAM	25	0	19.80	19.60	19.89		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.28	22.42	22.38	23.5	0
3	QPSK	1	8	22.18	22.60	22.23		
3	QPSK	1	14	22.40	22.49	22.42		
3	QPSK	8	0	21.72	21.70	21.77	23	0.5
3	QPSK	8	4	21.66	21.84	21.67		
3	QPSK	8	7	21.60	21.80	21.72		
3	QPSK	15	0	21.60	21.63	21.68		
3	16QAM	1	0	21.90	21.70	22.16	23	0.5
3	16QAM	1	8	22.20	22.11	21.73		
3	16QAM	1	14	21.73	22.11	22.02		
3	16QAM	8	0	20.68	20.60	20.87	22	1.5
3	16QAM	8	4	20.77	20.60	20.83		
3	16QAM	8	7	20.81	20.51	20.92		
3	16QAM	15	0	20.62	20.79	20.93		
3	64QAM	1	0	20.81	20.86	20.79	22	1.5
3	64QAM	1	8	20.81	20.77	20.74		
3	64QAM	1	14	21.05	21.24	21.15		
3	64QAM	8	0	19.71	19.64	19.76	21	2.5
3	64QAM	8	4	19.77	19.68	19.84		
3	64QAM	8	7	19.89	19.74	19.98		
3	64QAM	15	0	19.75	19.69	19.85		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.37	22.42	23.5	0
1.4	QPSK	1	3	22.12	22.55	22.28		
1.4	QPSK	1	5	22.36	22.46	22.43		
1.4	QPSK	3	0	22.23	22.37	22.38		
1.4	QPSK	3	1	22.09	22.52	22.33		
1.4	QPSK	3	3	22.34	22.48	22.39		
1.4	QPSK	6	0	21.66	21.65	21.69	23	0.5
1.4	16QAM	1	0	21.90	21.66	22.09	23	0.5
1.4	16QAM	1	3	22.10	22.08	21.77		
1.4	16QAM	1	5	21.82	22.10	22.03		
1.4	16QAM	3	0	21.88	21.69	22.07		
1.4	16QAM	3	1	22.13	22.06	21.80		
1.4	16QAM	3	3	21.80	22.09	22.06		
1.4	16QAM	6	0	20.70	20.74	20.98	22	1.5
1.4	64QAM	1	0	20.86	20.80	20.82	22	1.5
1.4	64QAM	1	3	20.88	20.79	20.80		
1.4	64QAM	1	5	21.04	21.21	21.13		
1.4	64QAM	3	0	20.83	20.84	20.86		
1.4	64QAM	3	1	20.83	20.78	20.80		
1.4	64QAM	3	3	21.07	21.24	21.11		
1.4	64QAM	6	0	19.80	19.64	19.84	21	2.5

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.05	17.12	17.02	18	0
20	QPSK	1	49	17.29	17.49	17.35		
20	QPSK	1	99	17.05	17.10	17.02		
20	QPSK	50	0	17.32	17.39	17.17	18	0
20	QPSK	50	24	17.39	17.44	17.27		
20	QPSK	50	50	17.26	17.31	17.06		
20	QPSK	100	0	17.29	17.38	17.21		
20	16QAM	1	0	17.38	17.32	17.27	18	0
20	16QAM	1	49	17.45	17.42	17.40		
20	16QAM	1	99	17.29	17.33	17.22		
20	16QAM	50	0	17.22	17.46	17.19	18	0
20	16QAM	50	24	17.34	17.41	17.28		
20	16QAM	50	50	17.12	17.33	17.19		
20	16QAM	100	0	17.24	17.36	17.21		
20	64QAM	1	0	17.33	17.35	17.27	18	0
20	64QAM	1	49	17.44	17.45	17.47		
20	64QAM	1	99	17.27	17.27	17.27		
20	64QAM	50	0	17.27	17.43	17.04	18	0
20	64QAM	50	24	17.36	17.40	17.29		
20	64QAM	50	50	17.16	17.28	17.17		
20	64QAM	100	0	17.27	17.35	17.19		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.01	17.10	16.97	18	0
15	QPSK	1	37	17.17	17.37	17.29		
15	QPSK	1	74	16.95	16.99	16.90		
15	QPSK	36	0	17.19	17.29	17.14	18	0
15	QPSK	36	20	17.31	17.40	17.17		
15	QPSK	36	39	17.17	17.28	17.01		
15	QPSK	75	0	17.24	17.32	17.08		
15	16QAM	1	0	17.28	17.25	17.21	18	0
15	16QAM	1	37	17.38	17.37	17.28		
15	16QAM	1	74	17.17	17.23	17.11		
15	16QAM	36	0	17.09	17.44	17.06	18	0
15	16QAM	36	20	17.31	17.36	17.20		
15	16QAM	36	39	17.04	17.20	17.09		
15	16QAM	75	0	17.14	17.32	17.10		
15	64QAM	1	0	17.22	17.28	17.23	18	0
15	64QAM	1	37	17.41	17.38	17.34		
15	64QAM	1	74	17.16	17.25	17.16		
15	64QAM	36	0	17.25	17.38	17.02	18	0
15	64QAM	36	20	17.23	17.29	17.27		
15	64QAM	36	39	17.10	17.15	17.07		
15	64QAM	75	0	17.21	17.29	17.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.02	17.08	16.97	18	0
10	QPSK	1	25	17.27	17.36	17.27		
10	QPSK	1	49	16.97	17.00	16.93		
10	QPSK	25	0	17.20	17.27	17.07	18	0
10	QPSK	25	12	17.34	17.31	17.17		
10	QPSK	25	25	17.13	17.23	17.01		
10	QPSK	50	0	17.22	17.30	17.16		
10	16QAM	1	0	17.30	17.22	17.21	18	0
10	16QAM	1	25	17.42	17.29	17.27		
10	16QAM	1	49	17.16	17.27	17.09		
10	16QAM	25	0	17.18	17.36	17.09	18	0
10	16QAM	25	12	17.21	17.35	17.15		
10	16QAM	25	25	17.06	17.26	17.12		
10	16QAM	50	0	17.16	17.28	17.13		
10	64QAM	1	0	17.31	17.30	17.15	18	0
10	64QAM	1	25	17.37	17.32	17.39		
10	64QAM	1	49	17.24	17.22	17.22		
10	64QAM	25	0	17.20	17.37	16.97	18	0
10	64QAM	25	12	17.26	17.37	17.24		
10	64QAM	25	25	17.05	17.23	17.15		
10	64QAM	50	0	17.19	17.27	17.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.97	17.05	16.99	18	0
5	QPSK	1	12	17.18	17.46	17.28		
5	QPSK	1	24	17.01	17.02	16.94		
5	QPSK	12	0	17.28	17.27	17.09	18	0
5	QPSK	12	7	17.28	17.35	17.23		
5	QPSK	12	13	17.20	17.29	16.98		
5	QPSK	25	0	17.23	17.32	17.13		
5	16QAM	1	0	17.30	17.28	17.19	18	0
5	16QAM	1	12	17.39	17.40	17.34		
5	16QAM	1	24	17.18	17.26	17.10		
5	16QAM	12	0	17.14	17.36	17.06	18	0
5	16QAM	12	7	17.29	17.36	17.16		
5	16QAM	12	13	17.10	17.31	17.13		
5	16QAM	25	0	17.11	17.23	17.09		
5	64QAM	1	0	17.20	17.32	17.23	18	0
5	64QAM	1	12	17.37	17.35	17.34		
5	64QAM	1	24	17.18	17.16	17.17		
5	64QAM	12	0	17.18	17.36	17.01	18	0
5	64QAM	12	7	17.27	17.37	17.21		
5	64QAM	12	13	17.04	17.17	17.09		
5	64QAM	25	0	17.21	17.24	17.15		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.84	16.05	15.70	17	0
20	QPSK	1	49	15.86	16.20	15.85		
20	QPSK	1	99	15.73	15.82	15.78		
20	QPSK	50	0	15.76	16.03	15.77	17	0
20	QPSK	50	24	16.11	16.15	16.09		
20	QPSK	50	50	15.84	16.12	16.11		
20	QPSK	100	0	16.09	16.12	16.05		
20	16QAM	1	0	15.91	15.82	16.05	17	0
20	16QAM	1	49	15.91	16.06	15.82		
20	16QAM	1	99	15.83	15.72	15.97		
20	16QAM	50	0	16.09	16.05	15.72	17	0
20	16QAM	50	24	15.85	16.13	16.06		
20	16QAM	50	50	15.94	16.04	16.15		
20	16QAM	100	0	15.93	15.97	15.86		
20	64QAM	1	0	15.93	15.89	15.74	17	0
20	64QAM	1	49	15.78	16.07	16.13		
20	64QAM	1	99	15.98	15.84	15.80		
20	64QAM	50	0	15.86	16.13	15.83	17	0
20	64QAM	50	24	15.98	16.02	15.74		
20	64QAM	50	50	15.87	16.10	16.14		
20	64QAM	100	0	15.96	15.99	15.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.77	15.98	15.66	17	0
15	QPSK	1	37	15.80	16.15	15.75		
15	QPSK	1	74	15.62	15.74	15.67		
15	QPSK	36	0	15.71	15.99	15.73	17	0
15	QPSK	36	20	16.05	16.11	16.01		
15	QPSK	36	39	15.73	16.04	16.06		
15	QPSK	75	0	15.98	16.07	16.02		
15	16QAM	1	0	15.86	15.78	15.95	17	0
15	16QAM	1	37	15.79	15.99	15.79		
15	16QAM	1	74	15.73	15.66	15.90		
15	16QAM	36	0	16.05	15.98	15.61	17	0
15	16QAM	36	20	15.79	16.09	15.96		
15	16QAM	36	39	15.86	15.95	16.12		
15	16QAM	75	0	15.91	15.95	15.81		
15	64QAM	1	0	15.83	15.81	15.69	17	0
15	64QAM	1	37	15.76	15.99	16.04		
15	64QAM	1	74	15.93	15.72	15.75		
15	64QAM	36	0	15.73	16.01	15.80	17	0
15	64QAM	36	20	15.88	15.96	15.71		
15	64QAM	36	39	15.75	15.97	16.02		
15	64QAM	75	0	15.87	15.87	15.76		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.76	16.01	15.66	17	0
10	QPSK	1	25	15.78	16.11	15.80		
10	QPSK	1	49	15.70	15.80	15.71		
10	QPSK	25	0	15.71	15.96	15.68	17	0
10	QPSK	25	12	16.00	16.03	16.03		
10	QPSK	25	25	15.71	16.05	16.07		
10	QPSK	50	0	15.98	16.07	15.93		
10	16QAM	1	0	15.81	15.80	16.01	17	0
10	16QAM	1	25	15.80	16.00	15.71		
10	16QAM	1	49	15.73	15.59	15.94		
10	16QAM	25	0	16.04	15.97	15.62	17	0
10	16QAM	25	12	15.78	16.05	16.02		
10	16QAM	25	25	15.83	16.02	16.10		
10	16QAM	50	0	15.90	15.94	15.83		
10	64QAM	1	0	15.83	15.86	15.68	17	0
10	64QAM	1	25	15.71	15.96	16.11		
10	64QAM	1	49	15.86	15.72	15.67		
10	64QAM	25	0	15.81	16.11	15.80	17	0
10	64QAM	25	12	15.96	15.99	15.68		
10	64QAM	25	25	15.79	16.05	16.12		
10	64QAM	50	0	15.88	15.9	15.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.76	16.00	15.67	17	0
5	QPSK	1	12	15.82	16.10	15.77		
5	QPSK	1	24	15.69	15.77	15.69		
5	QPSK	12	0	15.74	15.90	15.72	17	0
5	QPSK	12	7	16.05	16.10	15.97		
5	QPSK	12	13	15.71	16.08	16.05		
5	QPSK	25	0	16.04	16.04	16.00		
5	16QAM	1	0	15.85	15.75	15.93	17	0
5	16QAM	1	12	15.79	15.99	15.78		
5	16QAM	1	24	15.70	15.70	15.88		
5	16QAM	12	0	16.04	15.92	15.60	17	0
5	16QAM	12	7	15.83	16.08	15.96		
5	16QAM	12	13	15.88	15.99	16.06		
5	16QAM	25	0	15.84	15.90	15.75		
5	64QAM	1	0	15.82	15.83	15.69	17	0
5	64QAM	1	12	15.71	15.99	16.06		
5	64QAM	1	24	15.96	15.75	15.71		
5	64QAM	12	0	15.73	16.04	15.72	17	0
5	64QAM	12	7	15.86	15.93	15.66		
5	64QAM	12	13	15.76	16.05	16.07		
5	64QAM	25	0	15.87	15.93	15.87		

Band 12_Ant 13

BW [MHz]	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	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		23.18		24	0
10	QPSK	1	25		23.21			
10	QPSK	1	49		23.16			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.75			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.15		23	1
10	16QAM	1	25		21.70			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.74		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.72			
10	16QAM	50	0		20.75			
10	64QAM	1	0		21.13		22	2
10	64QAM	1	25		20.99			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.75		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.69			
10	64QAM	50	0		19.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.64	22.71	22.83	24	0
5	QPSK	1	12	22.95	22.69	22.89		
5	QPSK	1	24	22.73	22.59	23.04		
5	QPSK	12	0	21.68	21.80	21.70	23	1
5	QPSK	12	7	21.64	21.66	21.63		
5	QPSK	12	13	21.70	21.66	21.71		
5	QPSK	25	0	21.63	21.88	21.72		
5	16QAM	1	0	21.82	21.80	21.95	23	1
5	16QAM	1	12	22.07	21.69	22.03		
5	16QAM	1	24	21.95	22.02	22.12		
5	16QAM	12	0	20.59	20.79	20.75	22	2
5	16QAM	12	7	20.72	20.68	20.76		
5	16QAM	12	13	20.71	20.70	20.71		
5	16QAM	25	0	20.56	20.79	20.74		
5	64QAM	1	0	20.87	20.73	21.19	22	2
5	64QAM	1	12	20.95	21.22	21.16		
5	64QAM	1	24	20.91	20.79	20.83		
5	64QAM	12	0	19.63	19.82	19.83	21	3
5	64QAM	12	7	19.76	19.69	19.67		
5	64QAM	12	13	19.62	19.77	19.66		
5	64QAM	25	0	19.69	19.74	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	23.11	23.27	23.02	24	0
15	QPSK	1	37	23.21	23.31	23.17		
15	QPSK	1	74	23.20	23.24	23.09		
15	QPSK	36	0	22.21	22.27	22.19	23	1
15	QPSK	36	20	22.28	22.33	22.24		
15	QPSK	36	39	22.03	22.11	21.85		
15	QPSK	75	0	22.22	22.25	22.13		
15	16QAM	1	0	22.59	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.42	22.32		
15	16QAM	1	74	22.74	22.51	22.29		
15	16QAM	36	0	21.32	21.26	21.35	22	2
15	16QAM	36	20	21.11	21.20	20.98		
15	16QAM	36	39	20.91	20.85	20.96		
15	16QAM	75	0	21.11	21.08	20.94		
15	64QAM	1	0	21.32	21.35	21.34	22	2
15	64QAM	1	37	21.13	21.32	20.93		
15	64QAM	1	74	21.23	21.29	21.11		
15	64QAM	36	0	20.32	20.20	20.14	21	3
15	64QAM	36	20	20.12	19.92	19.96		
15	64QAM	36	39	19.89	19.83	19.87		
15	64QAM	75	0	20.09	19.98	19.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.30	23.28	23.20	24	0
10	QPSK	1	25	23.01	23.13	23.12		
10	QPSK	1	49	23.20	23.08	23.30		
10	QPSK	25	0	22.13	21.85	21.99	23	1
10	QPSK	25	12	22.08	21.96	22.17		
10	QPSK	25	25	22.05	21.99	22.16		
10	QPSK	50	0	22.03	21.96	22.08		
10	16QAM	1	0	22.48	22.33	22.30	23	1
10	16QAM	1	25	22.13	22.31	22.63		
10	16QAM	1	49	22.47	22.43	22.52		
10	16QAM	25	0	21.14	20.96	20.95	22	2
10	16QAM	25	12	21.03	21.02	21.03		
10	16QAM	25	25	20.92	21.03	21.18		
10	16QAM	50	0	21.05	20.93	21.29		
10	64QAM	1	0	21.33	21.13	21.37	22	2
10	64QAM	1	25	21.26	21.04	20.96		
10	64QAM	1	49	21.38	21.08	21.29		
10	64QAM	25	0	19.92	19.86	20.01	21	3
10	64QAM	25	12	20.02	19.81	20.11		
10	64QAM	25	25	20.06	20.08	20.17		
10	64QAM	50	0	20.09	19.90	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	22.96	23.05	24	0
5	QPSK	1	12	22.90	22.80	22.76		
5	QPSK	1	24	22.80	23.18	22.82		
5	QPSK	12	0	21.99	21.87	22.08	23	1
5	QPSK	12	7	22.05	22.00	21.96		
5	QPSK	12	13	22.01	21.89	21.98		
5	QPSK	25	0	22.09	21.93	22.10		
5	16QAM	1	0	22.03	22.41	22.43	23	1
5	16QAM	1	12	22.13	22.06	22.33		
5	16QAM	1	24	22.40	22.20	22.16		
5	16QAM	12	0	20.99	20.86	21.14	22	2
5	16QAM	12	7	21.13	20.99	20.90		
5	16QAM	12	13	21.05	21.12	21.03		
5	16QAM	25	0	21.12	20.77	21.15		
5	64QAM	1	0	20.98	20.94	21.39	22	2
5	64QAM	1	12	21.28	21.24	21.19		
5	64QAM	1	24	21.23	20.96	21.13		
5	64QAM	12	0	20.04	19.98	20.19	21	3
5	64QAM	12	7	20.14	20.07	20.10		
5	64QAM	12	13	20.06	19.90	20.10		
5	64QAM	25	0	20.07	19.99	19.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.19	23.17	23.15	24	0
3	QPSK	1	8	22.80	22.87	22.72		
3	QPSK	1	14	22.79	22.84	23.07		
3	QPSK	8	0	21.88	21.76	21.93	23	1
3	QPSK	8	4	22.01	21.97	22.05		
3	QPSK	8	7	22.02	21.87	21.96		
3	QPSK	15	0	21.97	21.70	21.94		
3	16QAM	1	0	22.01	22.31	22.25	23	1
3	16QAM	1	8	22.29	21.93	22.30		
3	16QAM	1	14	22.10	22.16	22.34		
3	16QAM	8	0	20.96	20.80	20.95	22	2
3	16QAM	8	4	20.93	20.86	21.04		
3	16QAM	8	7	20.99	20.97	20.97		
3	16QAM	15	0	21.04	20.87	20.94		
3	64QAM	1	0	20.97	21.10	21.22	22	2
3	64QAM	1	8	21.36	21.06	20.96		
3	64QAM	1	14	21.21	20.99	21.05		
3	64QAM	8	0	19.99	19.98	20.14	21	3
3	64QAM	8	4	20.00	19.95	20.04		
3	64QAM	8	7	19.99	19.79	20.10		
3	64QAM	15	0	19.87	19.82	20.15		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.99	22.77	22.94	24	0
1.4	QPSK	1	3	23.01	22.91	22.92		
1.4	QPSK	1	5	22.87	22.86	22.96		
1.4	QPSK	3	0	23.04	22.82	23.06		
1.4	QPSK	3	1	23.13	23.07	23.14		
1.4	QPSK	3	3	23.07	23.04	23.27		
1.4	QPSK	6	0	22.03	21.75	21.95	23	1
1.4	16QAM	1	0	22.50	22.08	22.53	23	1
1.4	16QAM	1	3	22.45	22.03	22.24		
1.4	16QAM	1	5	22.50	22.07	22.30		
1.4	16QAM	3	0	22.08	21.72	22.11		
1.4	16QAM	3	1	22.01	21.82	21.89		
1.4	16QAM	3	3	21.87	21.86	22.07		
1.4	16QAM	6	0	21.15	20.88	21.09	22	2
1.4	64QAM	1	0	21.26	21.08	21.15	22	2
1.4	64QAM	1	3	21.31	21.43	21.17		
1.4	64QAM	1	5	21.42	21.33	21.03		
1.4	64QAM	3	0	21.02	21.05	21.28		
1.4	64QAM	3	1	21.49	21.03	21.22		
1.4	64QAM	3	3	21.27	21.03	21.08		
1.4	64QAM	6	0	19.94	19.89	19.98	21	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.70	22.85	22.71	23.5	0
15	QPSK	1	37	22.85	22.90	22.84		
15	QPSK	1	74	22.66	22.84	22.80		
15	QPSK	36	0	22.20	22.30	22.27	23	0.5
15	QPSK	36	20	22.22	22.31	22.29		
15	QPSK	36	39	22.09	22.21	22.14		
15	QPSK	75	0	22.15	22.28	22.22		
15	16QAM	1	0	22.34	22.48	22.49	23	0.5
15	16QAM	1	37	22.38	22.44	22.31		
15	16QAM	1	74	22.32	22.50	22.20		
15	16QAM	36	0	21.16	20.92	21.08	22	1.5
15	16QAM	36	20	21.08	20.99	21.19		
15	16QAM	36	39	21.25	20.84	21.17		
15	16QAM	75	0	21.23	21.04	21.16		
15	64QAM	1	0	21.42	21.49	21.22	22	1.5
15	64QAM	1	37	21.32	21.30	21.31		
15	64QAM	1	74	21.50	21.08	21.37		
15	64QAM	36	0	19.99	19.94	19.99	21	2.5
15	64QAM	36	20	20.11	19.87	20.16		
15	64QAM	36	39	19.93	19.82	20.12		
15	64QAM	75	0	20.11	19.90	19.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.65	22.77	22.63	23.5	0
10	QPSK	1	25	22.74	22.86	22.75		
10	QPSK	1	49	22.56	22.75	22.71		
10	QPSK	25	0	22.09	22.24	22.14	23	0.5
10	QPSK	25	12	22.16	22.28	22.26		
10	QPSK	25	25	21.96	22.12	22.02		
10	QPSK	50	0	22.07	22.18	22.16		
10	16QAM	1	0	22.30	22.39	22.38	23	0.5
10	16QAM	1	25	22.32	22.41	22.21		
10	16QAM	1	49	22.23	22.40	22.07		
10	16QAM	25	0	21.03	20.83	20.99	22	1.5
10	16QAM	25	12	21.06	20.89	21.11		
10	16QAM	25	25	21.13	20.82	21.11		
10	16QAM	50	0	21.10	20.93	21.04		
10	64QAM	1	0	21.40	21.38	21.15	22	1.5
10	64QAM	1	25	21.25	21.28	21.20		
10	64QAM	1	49	21.37	21.06	21.27		
10	64QAM	25	0	19.92	19.92	19.91	21	2.5
10	64QAM	25	12	20.09	19.82	20.04		
10	64QAM	25	25	19.86	19.80	20.03		
10	64QAM	50	0	20.07	19.77	19.88		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.68	22.79	22.69	23.5	0
5	QPSK	1	12	22.73	22.82	22.80		
5	QPSK	1	24	22.53	22.73	22.75		
5	QPSK	12	0	22.10	22.19	22.14	23	0.5
5	QPSK	12	7	22.11	22.18	22.25		
5	QPSK	12	13	22.04	22.09	22.11		
5	QPSK	25	0	22.02	22.23	22.15		
5	16QAM	1	0	22.24	22.40	22.38	23	0.5
5	16QAM	1	12	22.25	22.36	22.21		
5	16QAM	1	24	22.24	22.43	22.07		
5	16QAM	12	0	21.10	20.79	20.97	22	1.5
5	16QAM	12	7	20.98	20.91	21.13		
5	16QAM	12	13	21.15	20.82	21.06		
5	16QAM	25	0	21.17	20.94	21.05		
5	64QAM	1	0	21.33	21.42	21.11	22	1.5
5	64QAM	1	12	21.20	21.23	21.26		
5	64QAM	1	24	21.37	21.04	21.26		
5	64QAM	12	0	19.94	19.88	19.96	21	2.5
5	64QAM	12	7	20.07	19.78	20.11		
5	64QAM	12	13	19.82	19.80	20.09		
5	64QAM	25	0	20.05	19.78	19.83		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.64	22.80	22.66	23.5	0
3	QPSK	1	8	22.72	22.86	22.75		
3	QPSK	1	14	22.60	22.79	22.68		
3	QPSK	8	0	22.12	22.23	22.25	23	0.5
3	QPSK	8	4	22.20	22.28	22.24		
3	QPSK	8	7	22.02	22.12	22.12		
3	QPSK	15	0	22.12	22.19	22.20		
3	16QAM	1	0	22.23	22.44	22.38	23	0.5
3	16QAM	1	8	22.36	22.35	22.22		
3	16QAM	1	14	22.23	22.40	22.13		
3	16QAM	8	0	21.08	20.83	21.01	22	1.5
3	16QAM	8	4	21.06	20.88	21.16		
3	16QAM	8	7	21.23	20.75	21.15		
3	16QAM	15	0	21.15	20.98	21.07		
3	64QAM	1	0	21.40	21.44	21.20	22	1.5
3	64QAM	1	8	21.30	21.26	21.24		
3	64QAM	1	14	21.46	21.05	21.27		
3	64QAM	8	0	19.88	19.92	19.96	21	2.5
3	64QAM	8	4	20.02	19.76	20.10		
3	64QAM	8	7	19.90	19.74	20.02		
3	64QAM	15	0	20.07	19.77	19.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.83	22.68	23.5	0
1.4	QPSK	1	3	22.81	22.79	22.77		
1.4	QPSK	1	5	22.63	22.79	22.70		
1.4	QPSK	3	0	22.63	22.88	22.66		
1.4	QPSK	3	1	22.77	22.80	22.81		
1.4	QPSK	3	3	22.65	22.75	22.74		
1.4	QPSK	6	0	22.07	22.15	22.19	23	0.5
1.4	16QAM	1	0	22.28	22.40	22.40	23	0.5
1.4	16QAM	1	3	22.34	22.37	22.18		
1.4	16QAM	1	5	22.25	22.42	22.07		
1.4	16QAM	3	0	22.27	22.39	22.40		
1.4	16QAM	3	1	22.37	22.33	22.23		
1.4	16QAM	3	3	22.21	22.37	22.12		
1.4	16QAM	6	0	21.14	20.96	21.13	22	1.5
1.4	64QAM	1	0	21.30	21.44	21.16	22	1.5
1.4	64QAM	1	3	21.24	21.21	21.25		
1.4	64QAM	1	5	21.47	21.01	21.31		
1.4	64QAM	3	0	21.30	21.40	21.17		
1.4	64QAM	3	1	21.21	21.21	21.29		
1.4	64QAM	3	3	21.52	21.00	21.26		
1.4	64QAM	6	0	20.02	19.88	19.85	21	2.5

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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	18.07	18.10	17.86	19	0
20	QPSK	1	49	18.18	18.28	17.97		
20	QPSK	1	99	17.95	18.01	17.87		
20	QPSK	50	0	17.96	18.16	17.91	19	0
20	QPSK	50	24	18.10	18.25	18.15		
20	QPSK	50	50	18.13	17.95	17.89		
20	QPSK	100	0	18.01	18.08	17.89		
20	16QAM	1	0	18.25	18.15	18.23	19	0
20	16QAM	1	49	18.25	18.17	18.25		
20	16QAM	1	99	18.23	18.16	18.19		
20	16QAM	50	0	18.00	18.03	18.09	19	0
20	16QAM	50	24	18.14	18.13	17.95		
20	16QAM	50	50	18.04	18.01	17.94		
20	16QAM	100	0	18.21	17.98	18.00		
20	64QAM	1	0	18.10	18.00	18.19	19	0
20	64QAM	1	49	18.25	18.18	18.04		
20	64QAM	1	99	18.27	18.22	17.93		
20	64QAM	50	0	18.22	17.91	18.05	19	0
20	64QAM	50	24	18.16	18.11	18.07		
20	64QAM	50	50	18.08	18.09	17.96		
20	64QAM	100	0	18.14	18.03	18.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.05	18.05	17.84	19	0
15	QPSK	1	37	18.11	18.17	17.94		
15	QPSK	1	74	17.92	17.88	17.74		
15	QPSK	36	0	17.84	18.03	17.78	19	0
15	QPSK	36	20	18.01	18.16	18.10		
15	QPSK	36	39	18.00	17.91	17.83		
15	QPSK	75	0	17.93	18.00	17.82		
15	16QAM	1	0	18.18	18.12	18.12	19	0
15	16QAM	1	37	18.18	18.13	18.21		
15	16QAM	1	74	18.12	18.08	18.09		
15	16QAM	36	0	17.89	17.92	18.01	19	0
15	16QAM	36	20	18.08	18.04	17.85		
15	16QAM	36	39	17.97	17.88	17.92		
15	16QAM	75	0	18.18	17.87	17.87		
15	64QAM	1	0	17.99	17.93	18.10	19	0
15	64QAM	1	37	18.13	18.15	17.96		
15	64QAM	1	74	18.15	18.15	17.91		
15	64QAM	36	0	18.15	17.86	17.98	19	0
15	64QAM	36	20	18.03	18.03	17.99		
15	64QAM	36	39	18.04	18.07	17.94		
15	64QAM	75	0	18.03	17.97	18.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.99	18.06	17.80	19	0
10	QPSK	1	25	18.15	18.18	17.95		
10	QPSK	1	49	17.85	17.99	17.81		
10	QPSK	25	0	17.87	18.06	17.88	19	0
10	QPSK	25	12	18.07	18.18	18.05		
10	QPSK	25	25	18.06	17.91	17.87		
10	QPSK	50	0	17.94	18.06	17.85		
10	16QAM	1	0	18.20	18.11	18.12	19	0
10	16QAM	1	25	18.14	18.09	18.19		
10	16QAM	1	49	18.13	18.13	18.11		
10	16QAM	25	0	17.92	17.98	17.96	19	0
10	16QAM	25	12	18.11	18.03	17.85		
10	16QAM	25	25	18.00	17.89	17.88		
10	16QAM	50	0	18.19	17.87	17.98		
10	64QAM	1	0	18.03	17.92	18.15	19	0
10	64QAM	1	25	18.17	18.13	17.91		
10	64QAM	1	49	18.18	18.15	17.80		
10	64QAM	25	0	18.12	17.87	17.92	19	0
10	64QAM	25	12	18.10	18.02	18.00		
10	64QAM	25	25	18.05	17.99	17.85		
10	64QAM	50	0	18.04	17.99	17.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.02	18.04	17.79	19	0
5	QPSK	1	12	18.05	18.15	17.86		
5	QPSK	1	24	17.92	17.89	17.78		
5	QPSK	12	0	17.91	18.13	17.85	19	0
5	QPSK	12	7	18.02	18.16	18.03		
5	QPSK	12	13	18.00	17.88	17.83		
5	QPSK	25	0	17.98	18.01	17.77		
5	16QAM	1	0	18.23	18.10	18.10	19	0
5	16QAM	1	12	18.13	18.10	18.12		
5	16QAM	1	24	18.21	18.08	18.09		
5	16QAM	12	0	17.94	17.95	18.06	19	0
5	16QAM	12	7	18.01	18.00	17.87		
5	16QAM	12	13	18.00	17.94	17.89		
5	16QAM	25	0	18.16	17.89	17.95		
5	64QAM	1	0	18.01	17.98	18.14	19	0
5	64QAM	1	12	18.12	18.14	18.02		
5	64QAM	1	24	18.16	18.20	17.88		
5	64QAM	12	0	18.20	17.83	18.00	19	0
5	64QAM	12	7	18.11	18.01	18.00		
5	64QAM	12	13	18.01	18.02	17.89		
5	64QAM	25	0	18.11	17.95	17.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.00	18.08	17.79	19	0
3	QPSK	1	8	18.14	18.18	17.94		
3	QPSK	1	14	17.86	17.93	17.75		
3	QPSK	8	0	17.90	18.14	17.88	19	0
3	QPSK	8	4	18.03	18.20	18.03		
3	QPSK	8	7	18.02	17.91	17.84		
3	QPSK	15	0	17.99	18.01	17.83		
3	16QAM	1	0	18.15	18.04	18.10	19	0
3	16QAM	1	8	18.16	18.14	18.23		
3	16QAM	1	14	18.18	18.14	18.09		
3	16QAM	8	0	17.94	17.90	17.99	19	0
3	16QAM	8	4	18.06	18.10	17.91		
3	16QAM	8	7	17.99	17.95	17.91		
3	16QAM	15	0	18.17	17.90	17.92		
3	64QAM	1	0	17.98	17.94	18.16	19	0
3	64QAM	1	8	18.17	18.16	17.99		
3	64QAM	1	14	18.16	18.14	17.86		
3	64QAM	8	0	18.13	17.78	17.96	19	0
3	64QAM	8	4	18.05	17.98	18.01		
3	64QAM	8	7	18.01	18.02	17.94		
3	64QAM	15	0	18.03	17.91	17.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.00	18.02	17.82	19	0
1.4	QPSK	1	3	18.12	18.21	17.87		
1.4	QPSK	1	5	17.83	17.95	17.76		
1.4	QPSK	3	0	17.84	18.14	17.86		
1.4	QPSK	3	1	18.03	18.17	18.06		
1.4	QPSK	3	3	18.10	17.87	17.83		
1.4	QPSK	6	0	17.92	17.98	17.86	19	0
1.4	16QAM	1	0	18.18	18.12	18.11	19	0
1.4	16QAM	1	3	18.13	18.14	18.13		
1.4	16QAM	1	5	18.20	18.14	18.13		
1.4	16QAM	3	0	17.89	17.95	17.99		
1.4	16QAM	3	1	18.09	18.11	17.87		
1.4	16QAM	3	3	17.93	17.88	17.87		
1.4	16QAM	6	0	18.08	17.95	17.97	19	0
1.4	64QAM	1	0	17.99	17.89	18.07	19	0
1.4	64QAM	1	3	18.21	18.10	17.99		
1.4	64QAM	1	5	18.17	18.09	17.86		
1.4	64QAM	3	0	18.20	17.88	18.03		
1.4	64QAM	3	1	18.03	17.99	18.03		
1.4	64QAM	3	3	17.96	18.03	17.88		
1.4	64QAM	6	0	18.10	17.96	17.99	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.95	19.09	18.94	20	0
20	QPSK	1	49	19.05	19.16	18.99		
20	QPSK	1	99	18.73	18.93	18.72		
20	QPSK	50	0	18.93	19.06	18.72	20	0
20	QPSK	50	24	19.08	19.09	19.08		
20	QPSK	50	50	18.89	18.97	18.92		
20	QPSK	100	0	18.97	19.00	18.82		
20	16QAM	1	0	19.08	19.09	19.11	20	0
20	16QAM	1	49	19.03	19.12	19.07		
20	16QAM	1	99	19.07	18.89	18.86		
20	16QAM	50	0	19.02	19.11	19.06	20	0
20	16QAM	50	24	18.80	18.91	18.98		
20	16QAM	50	50	18.81	18.88	18.97		
20	16QAM	100	0	18.96	18.78	18.99		
20	64QAM	1	0	19.06	19.14	19.12	20	0
20	64QAM	1	49	19.09	18.85	19.07		
20	64QAM	1	99	19.01	18.90	19.04		
20	64QAM	50	0	18.98	18.99	18.83	20	0
20	64QAM	50	24	19.01	18.82	18.75		
20	64QAM	50	50	18.84	18.81	18.78		
20	64QAM	100	0	18.83	18.96	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.89	19.06	18.89	20	0
15	QPSK	1	37	18.94	19.08	18.90		
15	QPSK	1	74	18.64	18.89	18.64		
15	QPSK	36	0	18.83	18.99	18.60	20	0
15	QPSK	36	20	19.03	18.98	19.03		
15	QPSK	36	39	18.84	18.87	18.87		
15	QPSK	75	0	18.88	18.91	18.72		
15	16QAM	1	0	19.06	18.98	19.01	20	0
15	16QAM	1	37	18.94	19.04	18.99		
15	16QAM	1	74	19.02	18.81	18.78		
15	16QAM	36	0	18.94	19.08	19.03	20	0
15	16QAM	36	20	18.70	18.79	18.85		
15	16QAM	36	39	18.69	18.82	18.93		
15	16QAM	75	0	18.84	18.67	18.96		
15	64QAM	1	0	18.94	19.10	19.05	20	0
15	64QAM	1	37	18.96	18.81	19.00		
15	64QAM	1	74	18.95	18.79	18.96		
15	64QAM	36	0	18.87	18.88	18.80	20	0
15	64QAM	36	20	18.97	18.79	18.73		
15	64QAM	36	39	18.76	18.77	18.69		
15	64QAM	75	0	18.76	18.94	18.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.89	19.01	18.92	20	0
10	QPSK	1	25	18.92	19.09	18.87		
10	QPSK	1	49	18.70	18.84	18.62		
10	QPSK	25	0	18.87	18.96	18.62	20	0
10	QPSK	25	12	19.01	19.05	19.03		
10	QPSK	25	25	18.86	18.89	18.85		
10	QPSK	50	0	18.85	18.97	18.77		
10	16QAM	1	0	18.98	19.04	19.04	20	0
10	16QAM	1	25	18.96	19.04	19.05		
10	16QAM	1	49	18.99	18.81	18.75		
10	16QAM	25	0	18.90	19.09	18.97	20	0
10	16QAM	25	12	18.76	18.82	18.95		
10	16QAM	25	25	18.76	18.85	18.87		
10	16QAM	50	0	18.83	18.66	18.86		
10	64QAM	1	0	18.97	19.08	19.07	20	0
10	64QAM	1	25	19.03	18.74	19.05		
10	64QAM	1	49	18.90	18.81	18.93		
10	64QAM	25	0	18.93	18.94	18.81	20	0
10	64QAM	25	12	18.91	18.72	18.63		
10	64QAM	25	25	18.73	18.71	18.71		
10	64QAM	50	0	18.81	18.87	18.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.87	19.04	18.89	20	0
5	QPSK	1	12	19.03	19.06	18.91		
5	QPSK	1	24	18.62	18.87	18.68		
5	QPSK	12	0	18.80	19.00	18.67	20	0
5	QPSK	12	7	18.98	19.06	18.95		
5	QPSK	12	13	18.83	18.93	18.87		
5	QPSK	25	0	18.86	18.97	18.71		
5	16QAM	1	0	19.06	19.04	19.07	20	0
5	16QAM	1	12	19.00	19.01	19.03		
5	16QAM	1	24	18.99	18.82	18.84		
5	16QAM	12	0	18.89	18.98	18.99	20	0
5	16QAM	12	7	18.76	18.89	18.88		
5	16QAM	12	13	18.72	18.77	18.87		
5	16QAM	25	0	18.93	18.68	18.95		
5	64QAM	1	0	18.96	19.01	19.03	20	0
5	64QAM	1	12	18.99	18.80	19.02		
5	64QAM	1	24	18.94	18.79	18.94		
5	64QAM	12	0	18.88	18.94	18.77	20	0
5	64QAM	12	7	18.94	18.74	18.65		
5	64QAM	12	13	18.72	18.78	18.73		
5	64QAM	25	0	18.77	18.87	18.62		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.90	19.05	18.92	20	0
3	QPSK	1	8	18.94	19.06	18.90		
3	QPSK	1	14	18.61	18.80	18.60		
3	QPSK	8	0	18.81	18.96	18.60	20	0
3	QPSK	8	4	19.02	19.04	18.98		
3	QPSK	8	7	18.80	18.87	18.80		
3	QPSK	15	0	18.85	18.89	18.70		
3	16QAM	1	0	19.00	19.07	19.07	20	0
3	16QAM	1	8	18.92	19.10	19.00		
3	16QAM	1	14	19.00	18.84	18.73		
3	16QAM	8	0	18.95	18.98	18.98	20	0
3	16QAM	8	4	18.69	18.79	18.90		
3	16QAM	8	7	18.74	18.78	18.92		
3	16QAM	15	0	18.92	18.65	18.86		
3	64QAM	1	0	18.93	19.08	19.06	20	0
3	64QAM	1	8	18.97	18.81	18.98		
3	64QAM	1	14	18.95	18.88	18.98		
3	64QAM	8	0	18.87	18.90	18.73	20	0
3	64QAM	8	4	18.92	18.78	18.71		
3	64QAM	8	7	18.80	18.78	18.75		
3	64QAM	15	0	18.81	18.88	18.64		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.88	19.05	18.90	20	0
1.4	QPSK	1	3	18.95	19.06	18.92		
1.4	QPSK	1	5	18.68	18.87	18.69		
1.4	QPSK	3	0	18.83	18.97	18.65		
1.4	QPSK	3	1	18.99	18.99	19.03		
1.4	QPSK	3	3	18.85	18.84	18.83		
1.4	QPSK	6	0	18.86	18.96

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.08	20.11	20.08	21	0
20	QPSK	1	49	20.29	20.41	20.32		
20	QPSK	1	99	20.26	20.29	20.18		
20	QPSK	50	0	20.27	20.16	20.33	21	0
20	QPSK	50	24	20.32	20.40	20.19		
20	QPSK	50	50	20.37	20.33	20.23		
20	QPSK	100	0	20.34	20.37	20.26		
20	16QAM	1	0	20.33	20.24	20.20	21	0
20	16QAM	1	49	20.29	20.31	20.30		
20	16QAM	1	99	20.31	20.31	20.35		
20	16QAM	50	0	20.32	20.23	20.30	21	0
20	16QAM	50	24	20.26	20.25	20.29		
20	16QAM	50	50	20.25	20.28	20.35		
20	16QAM	100	0	20.24	20.33	20.40		
20	64QAM	1	0	19.99	20.23	19.94	21	0
20	64QAM	1	49	20.30	20.03	20.05		
20	64QAM	1	99	20.31	20.13	20.02		
20	64QAM	50	0	20.31	20.23	20.31	21	0
20	64QAM	50	24	20.36	20.27	20.30		
20	64QAM	50	50	20.35	20.38	20.34		
20	64QAM	100	0	20.28	20.18	20.32		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.01	20.08	20.04	21	0
15	QPSK	1	37	20.24	20.36	20.24		
15	QPSK	1	74	20.14	20.22	20.15		
15	QPSK	36	0	20.16	20.11	20.27	21	0
15	QPSK	36	20	20.28	20.34	20.13		
15	QPSK	36	39	20.29	20.31	20.19		
15	QPSK	75	0	20.30	20.31	20.21		
15	16QAM	1	0	20.26	20.18	20.07	21	0
15	16QAM	1	37	20.16	20.20	20.20		
15	16QAM	1	74	20.19	20.28	20.29		
15	16QAM	36	0	20.23	20.19	20.24	21	0
15	16QAM	36	20	20.22	20.13	20.27		
15	16QAM	36	39	20.13	20.26	20.25		
15	16QAM	75	0	20.13	20.21	20.34		
15	64QAM	1	0	19.90	20.19	19.84	21	0
15	64QAM	1	37	20.21	19.91	20.02		
15	64QAM	1	74	20.29	20.09	19.97		
15	64QAM	36	0	20.27	20.11	20.27	21	0
15	64QAM	36	20	20.29	20.18	20.24		
15	64QAM	36	39	20.24	20.26	20.22		
15	64QAM	75	0	20.26	20.10	20.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.06	20.03	20.03	21	0
10	QPSK	1	25	20.16	20.34	20.22		
10	QPSK	1	49	20.19	20.26	20.08		
10	QPSK	25	0	20.14	20.04	20.28	21	0
10	QPSK	25	12	20.22	20.28	20.10		
10	QPSK	25	25	20.29	20.24	20.12		
10	QPSK	50	0	20.24	20.31	20.13		
10	16QAM	1	0	20.25	20.20	20.12	21	0
10	16QAM	1	25	20.23	20.28	20.26		
10	16QAM	1	49	20.29	20.25	20.26		
10	16QAM	25	0	20.24	20.14	20.28	21	0
10	16QAM	25	12	20.15	20.22	20.23		
10	16QAM	25	25	20.23	20.18	20.23		
10	16QAM	50	0	20.11	20.28	20.29		
10	64QAM	1	0	19.95	20.11	19.82	21	0
10	64QAM	1	25	20.24	19.98	19.92		
10	64QAM	1	49	20.26	20.11	19.99		
10	64QAM	25	0	20.29	20.19	20.18	21	0
10	64QAM	25	12	20.31	20.17	20.27		
10	64QAM	25	25	20.22	20.26	20.28		
10	64QAM	50	0	20.19	20.08	20.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.06	20.05	20.02	21	0
5	QPSK	1	12	20.24	20.30	20.26		
5	QPSK	1	24	20.21	20.24	20.11		
5	QPSK	12	0	20.18	20.05	20.21	21	0
5	QPSK	12	7	20.22	20.37	20.07		
5	QPSK	12	13	20.27	20.26	20.20		
5	QPSK	25	0	20.31	20.35	20.22		
5	16QAM	1	0	20.22	20.11	20.14	21	0
5	16QAM	1	12	20.16	20.24	20.23		
5	16QAM	1	24	20.28	20.25	20.23		
5	16QAM	12	0	20.28	20.16	20.25	21	0
5	16QAM	12	7	20.15	20.19	20.25		
5	16QAM	12	13	20.21	20.17	20.27		
5	16QAM	25	0	20.15	20.24	20.37		
5	64QAM	1	0	19.86	20.17	19.82	21	0
5	64QAM	1	12	20.28	19.96	20.01		
5	64QAM	1	24	20.19	20.00	19.98		
5	64QAM	12	0	20.21	20.20	20.28	21	0
5	64QAM	12	7	20.24	20.23	20.21		
5	64QAM	12	13	20.31	20.36	20.29		
5	64QAM	25	0	20.19	20.15	20.25		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.97	18.12	18.09	19	0
20	QPSK	1	49	18.14	18.24	18.11		
20	QPSK	1	99	18.02	18.10	18.12		
20	QPSK	50	0	18.00	18.12	18.14	19	0
20	QPSK	50	24	18.19	18.21	18.07		
20	QPSK	50	50	18.15	18.07	18.12		
20	QPSK	100	0	18.01	18.17	18.10		
20	16QAM	1	0	18.14	18.15	18.11	19	0
20	16QAM	1	49	18.22	18.16	18.18		
20	16QAM	1	99	18.17	18.18	18.13		
20	16QAM	50	0	18.04	18.15	18.20	19	0
20	16QAM	50	24	18.05	18.07	18.09		
20	16QAM	50	50	18.00	18.16	18.14		
20	16QAM	100	0	18.00	18.17	18.11		
20	64QAM	1	0	18.03	17.94	17.81	19	0
20	64QAM	1	49	17.96	17.92	17.86		
20	64QAM	1	99	17.99	17.61	17.93		
20	64QAM	50	0	18.04	17.99	18.14	19	0
20	64QAM	50	24	18.17	18.15	18.15		
20	64QAM	50	50	18.10	18.13	18.09		
20	64QAM	100	0	18.16	18.02	18.13		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.92	18.08	18.02	19	0
15	QPSK	1	37	18.12	18.21	18.07		
15	QPSK	1	74	17.89	18.05	18.07		
15	QPSK	36	0	17.97	18.04	18.06	19	0
15	QPSK	36	20	18.11	18.18	18.00		
15	QPSK	36	39	18.13	17.97	18.00		
15	QPSK	75	0	17.93	18.05	18.00		
15	16QAM	1	0	18.07	18.11	18.05	19	0
15	16QAM	1	37	18.09	18.05	18.07		
15	16QAM	1	74	18.08	18.05	18.01		
15	16QAM	36	0	17.96	18.02	18.14	19	0
15	16QAM	36	20	17.94	18.03	17.97		
15	16QAM	36	39	17.89	18.08	18.08		
15	16QAM	75	0	17.93	18.12	18.00		
15	64QAM	1	0	17.98	17.86	17.73	19	0
15	64QAM	1	37	17.84	17.87	17.80		
15	64QAM	1	74	17.87	17.55	17.84		
15	64QAM	36	0	18.02	17.86	18.01	19	0
15	64QAM	36	20	18.09	18.10	18.02		
15	64QAM	36	39	18.05	18.00	17.99		
15	64QAM	75	0	18.11	17.94	18.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.89	18.05	18.04	19	0
10	QPSK	1	25	18.07	18.11	18.03		
10	QPSK	1	49	17.93	18.01	18.00		
10	QPSK	25	0	17.93	18.05	18.04	19	0
10	QPSK	25	12	18.17	18.11	18.05		
10	QPSK	25	25	18.04	17.96	18.02		
10	QPSK	50	0	17.98	18.07	18.03		
10	16QAM	1	0	18.05	18.02	18.05	19	0
10	16QAM	1	25	18.15	18.09	18.08		
10	16QAM	1	49	18.09	18.09	18.02		
10	16QAM	25	0	17.91	18.09	18.12	19	0
10	16QAM	25	12	18.01	18.01	18.02		
10	16QAM	25	25	17.93	18.07	18.04		
10	16QAM	50	0	17.97	18.04	17.98		
10	64QAM	1	0	17.99	17.91	17.74	19	0
10	64QAM	1	25	17.93	17.84	17.77		
10	64QAM	1	49	17.97	17.54	17.84		
10	64QAM	25	0	18.01	17.93	18.12	19	0
10	64QAM	25	12	18.14	18.10	18.08		
10	64QAM	25	25	18.07	18.04	18.04		
10	64QAM	50	0	18.14	18.00	18.01		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.95	18.05	18.02	19	0
5	QPSK	1	12	18.12	18.22	18.08		
5	QPSK	1	24	17.96	18.05	18.08		
5	QPSK	12	0	17.91	18.06	18.02	19	0
5	QPSK	12	7	18.10	18.19	17.97		
5	QPSK	12	13	18.07	18.05	18.10		
5	QPSK	25	0	17.88	18.06	18.03		
5	16QAM	1	0	18.04	18.13	18.04	19	0
5	16QAM	1	12	18.09	18.05	18.14		
5	16QAM	1	24	18.13	18.12	18.06		
5	16QAM	12	0	17.97	18.11	18.18	19	0
5	16QAM	12	7	17.92	17.98	17.96		
5	16QAM	12	13	17.97	18.14	18.03		
5	16QAM	25	0	17.96	18.11	18.04		
5	64QAM	1	0	18.01	17.85	17.76	19	0
5	64QAM	1	12	17.85	17.89	17.79		
5	64QAM	1	24	17.91	17.59	17.80		
5	64QAM	12	0	17.99	17.90	18.07	19	0
5	64QAM	12	7	18.06	18.07	18.08		
5	64QAM	12	13	18.03	18.04	18.04		
5	64QAM	25	0	18.05	17.97	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.12	20.17	20.16	20.36	20.26	21	0
20	QPSK	1	49	20.22	20.31	20.27	20.44	20.35		
20	QPSK	1	99	20.09	20.13	20.16	20.13	20.20		
20	QPSK	50	0	20.04	20.21	20.21	20.29	20.19	21	0
20	QPSK	50	24	20.05	20.17	20.15	20.37	20.33		
20	QPSK	50	50	20.14	20.24	20.09	20.36	20.17		
20	QPSK	100	0	20.05	20.19	20.06	20.31	20.19		
20	16QAM	1	0	19.91	19.98	20.15	20.04	20.27	21	0
20	16QAM	1	49	20.15	20.38	20.22	20.22	20.38		
20	16QAM	1	99	19.99	19.97	19.90	19.92	20.00		
20	16QAM	50	0	20.10	20.19	19.96	20.11	20.09	21	0
20	16QAM	50	24	20.13	20.20	20.14	20.10	20.40		
20	16QAM	50	50	20.13	20.14	20.23	19.96	20.12		
20	16QAM	100	0	20.12	20.17	20.11	20.36	20.27		
20	64QAM	1	0	19.71	19.86	19.69	19.67	19.81	21	0
20	64QAM	1	49	20.11	20.25	19.88	19.93	20.12		
20	64QAM	1	99	19.76	19.96	19.75	19.81	19.75		
20	64QAM	50	0	20.17	20.11	20.06	20.31	20.02	21	0
20	64QAM	50	24	20.16	20.26	20.13	20.40	20.09		
20	64QAM	50	50	20.12	20.24	20.14	19.95	20.12		
20	64QAM	100	0	20.04	20.22	20.19	20.39	20.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.09	20.10	20.04	20.26	20.15	21.00	0
15	QPSK	1	37	20.19	20.21	20.18	20.32	20.33		
15	QPSK	1	74	20.03	20.10	20.13	20.05	20.11		
15	QPSK	36	0	19.94	20.15	20.15	20.17	20.14	21	0
15	QPSK	36	20	19.96	20.05	20.07	20.26	20.26		
15	QPSK	36	39	20.09	20.17	20.01	20.25	20.06		
15	QPSK	75	0	19.97	20.07	19.96	20.22	20.09		
15	16QAM	1	0	19.82	19.96	20.13	19.95	20.20	21	0
15	16QAM	1	37	20.02	20.31	20.09	20.10	20.31		
15	16QAM	1	74	19.96	19.85	19.78	19.90	19.90		
15	16QAM	36	0	20.07	20.12	19.87	20.05	19.98	21	0
15	16QAM	36	20	20.05	20.12	20.11	20.06	20.30		
15	16QAM	36	39	20.05	20.10	20.10	19.83	19.99		
15	16QAM	75	0	20.10	20.05	20.04	20.30	20.21		
15	64QAM	1	0	19.60	19.81	19.60	19.64	19.71	21	0
15	64QAM	1	37	20.05	20.21	19.84	19.85	20.10		
15	64QAM	1	74	19.72	19.88	19.73	19.75	19.67		
15	64QAM	36	0	20.12	20.07	19.93	20.26	19.97	21	0
15	64QAM	36	20	20.06	20.19	20.05	20.27	20.02		
15	64QAM	36	39	20.04	20.11	20.02	19.91	20.07		
15	64QAM	75	0	19.93	20.14	20.15	20.36	20.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.03	20.15	20.12	20.24	20.16	21.00	0
10	QPSK	1	25	20.20	20.25	20.19	20.35	20.24		
10	QPSK	1	49	20.07	20.05	20.06	20.06	20.17		
10	QPSK	25	0	20.02	20.12	20.13	20.23	20.07	21	0
10	QPSK	25	12	20.02	20.10	20.08	20.33	20.25		
10	QPSK	25	25	20.08	20.14	19.99	20.24	20.11		
10	QPSK	50	0	19.96	20.08	20.03	20.20	20.11		
10	16QAM	1	0	19.89	19.90	20.10	19.92	20.22	21	0
10	16QAM	1	25	20.09	20.26	20.17	20.19	20.31		
10	16QAM	1	49	19.91	19.90	19.88	19.86	19.95		
10	16QAM	25	0	19.97	20.14	19.83	20.00	19.96	21	0
10	16QAM	25	12	20.05	20.08	20.04	20.02	20.38		
10	16QAM	25	25	20.04	20.06	20.17	19.91	20.01		
10	16QAM	50	0	20.09	20.15	20.05	20.28	20.25		
10	64QAM	1	0	19.61	19.83	19.67	19.65	19.79	21	0
10	64QAM	1	25	20.03	20.15	19.82	19.87	20.05		
10	64QAM	1	49	19.66	19.89	19.62	19.72	19.67		
10	64QAM	25	0	20.07	20.09	20.04	20.19	19.97	21	0
10	64QAM	25	12	20.05	20.14	20.02	20.32	20.02		
10	64QAM	25	25	20.10	20.13	20.01	19.84	20.04		
10	64QAM	50	0	19.92	20.14	20.10	20.26	20.02		
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	20.09	20.11	20.09	20.27	20.16	21.00	0
5	QPSK	1	12	20.14	20.25	20.21	20.38	20.28		
5	QPSK	1	24	20.00	20.08	20.09	20.00	20.10		
5	QPSK	12	0	19.93	20.19	20.10	20.16	20.07	21	0
5	QPSK	12	7	19.92	20.05	20.07	20.34	20.30		
5	QPSK	12	13	20.10	20.20	20.00	20.31	20.12		
5	QPSK	25	0	19.94	20.06	20.03	20.24	20.15		
5	16QAM	1	0	19.88	19.95	20.05	19.92	20.24	21	0
5	16QAM	1	12	20.10	20.35	20.11	20.09	20.29		
5	16QAM	1	24	19.92	19.90	19.79	19.80	19.96		
5	16QAM	12	0	19.99	20.08	19.89	20.04	20.04	21	0
5	16QAM	12	7	20.11	20.08	20.11	20.00	20.31		
5	16QAM	12	13	20.04	20.03	20.11	19.88	20.01		
5	16QAM	25	0	19.99	20.10	20.05	20.32	20.17		
5	64QAM	1	0	19.62	19.76	19.58	19.54	19.69	21	0
5	64QAM	1	12	20.02	20.14	19.83	19.85	20.08		
5	64QAM	1	24	19.70	19.88	19.72	19.78	19.67		
5	64QAM	12	0	20.08	19.98	19.95	20.26	20.00	21	0
5	64QAM	12	7	20.10	20.15	20.00	20.36	20.07		
5	64QAM	12	13	20.05	20.17	20.05	19.89	19.99		
5	64QAM	25	0	19.95	20.16	20.10	20.34	20.05		

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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	21.72	21.83	21.90	21.96	21.83	23	0
20	QPSK	1	49	21.94	22.06	22.09	22.23	22.05		
20	QPSK	1	99	21.75	21.96	22.02	22.05	21.86		
20	QPSK	50	0	21.67	21.81	21.89	21.95	21.88	23	0
20	QPSK	50	24	21.82	21.76	22.08	22.11	21.86		
20	QPSK	50	50	21.79	21.84	21.88	21.95	21.92		
20	QPSK	100	0	21.78	21.76	21.80	21.92	21.81		
20	16QAM	1	0	21.61	21.51	21.45	21.80	21.63	23	0
20	16QAM	1	49	21.86	21.89	21.80	21.79	21.91		
20	16QAM	1	99	21.94	21.89	21.72	21.59	21.83		
20	16QAM	50	0	20.79	20.88	20.70	20.60	20.89	22	1
20	16QAM	50	24	20.81	20.93	20.87	20.74	20.83		
20	16QAM	50	50	20.82	20.83	20.66	20.69	20.73		
20	16QAM	100	0	20.80	20.90	20.80	20.72	20.84		
20	64QAM	1	0	20.41	20.77	20.37	20.83	20.58	22	1
20	64QAM	1	49	20.52	20.73	20.74	20.70	20.73		
20	64QAM	1	99	20.42	20.66	20.64	20.82	20.73		
20	64QAM	50	0	19.64	19.80	19.70	19.84	19.82	21	2
20	64QAM	50	24	19.79	19.89	19.73	19.89	19.89		
20	64QAM	50	50	19.89	19.86	19.62	19.60	19.75		
20	64QAM	100	0	19.69	19.91	19.74	19.80	19.69		
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	21.65	21.78	21.79	21.91	21.71	23.00	0
15	QPSK	1	37	21.86	21.96	21.99	22.19	22.01		
15	QPSK	1	74	21.65	21.93	22.00	21.94	21.81		
15	QPSK	36	0	21.57	21.76	21.86	21.90	21.85	23	0
15	QPSK	36	20	21.78	21.64	21.98	21.99	21.74		
15	QPSK	36	39	21.72	21.80	21.81	21.91	21.86		
15	QPSK	75	0	21.68	21.71	21.70	21.79	21.78		
15	16QAM	1	0	21.55	21.39	21.40	21.73	21.57	23	0
15	16QAM	1	37	21.84	21.85	21.75	21.73	21.84		
15	16QAM	1	74	21.83	21.84	21.61	21.48	21.80		
15	16QAM	36	0	20.71	20.85	20.59	20.47	20.82	22	1
15	16QAM	36	20	20.79	20.87	20.74	20.67	20.72		
15	16QAM	36	39	20.73	20.78	20.64	20.61	20.63		
15	16QAM	75	0	20.70	20.78	20.70	20.68	20.73		
15	64QAM	1	0	20.32	20.74	20.32	20.57	20.55	22	1
15	64QAM	1	37	20.40	20.63	20.63	20.64	20.65		
15	64QAM	1	74	20.39	20.54	20.55	20.56	20.68		
15	64QAM	36	0	19.61	19.78	19.67	19.76	19.71	21	2
15	64QAM	36	20	19.73	19.83	19.68	19.67	19.77		
15	64QAM	36	39	19.77	19.84	19.52	19.52	19.65		
15	64QAM	75	0	19.58	19.81	19.68	19.72	19.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.66	21.75	21.85	21.94	21.75	23.00	0
10	QPSK	1	25	21.87	21.97	21.96	22.12	21.93		
10	QPSK	1	49	21.65	21.94	22.00	21.93	21.79		
10	QPSK	25	0	21.54	21.68	21.83	21.87	21.83	23	0
10	QPSK	25	12	21.80	21.68	21.90	22.07	21.74		
10	QPSK	25	25	21.68	21.73	21.79	21.84	21.90		
10	QPSK	50	0	21.72	21.65	21.69	21.89	21.76		
10	16QAM	1	0	21.51	21.47	21.38	21.71	21.61	23	0
10	16QAM	1	25	21.78	21.84	21.67	21.70	21.86		
10	16QAM	1	49	21.87	21.80	21.70	21.48	21.77		
10	16QAM	25	0	20.70	20.82	20.65	20.53	20.82	22	1
10	16QAM	25	12	20.78	20.91	20.84	20.70	20.78		
10	16QAM	25	25	20.76	20.79	20.60	20.63	20.67		
10	16QAM	50	0	20.77	20.77	20.74	20.67	20.75		
10	64QAM	1	0	20.35	20.73	20.24	20.54	20.56	22	1
10	64QAM	1	25	20.45	20.66	20.65	20.65	20.69		
10	64QAM	1	49	20.29	20.63	20.58	20.51	20.64		
10	64QAM	25	0	19.56	19.73	19.66	19.77	19.75	21	2
10	64QAM	25	12	19.76	19.85	19.71	19.63	19.84		
10	64QAM	25	25	19.80	19.73	19.51	19.50	19.63		
10	64QAM	50	0	19.60	19.86	19.68	19.71	19.59		
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	21.67	21.79	21.81	21.83	21.71	23.00	0
5	QPSK	1	12	21.84	21.99	22.01	22.15	21.98		
5	QPSK	1	24	21.70	21.90	21.98	21.93	21.84		
5	QPSK	12	0	21.59	21.73	21.78	21.83	21.84	23	0
5	QPSK	12	7	21.70	21.64	21.97	22.06	21.83		
5	QPSK	12	13	21.68	21.73	21.78	21.83	21.85		
5	QPSK	25	0	21.70	21.71	21.71	21.89	21.77		
5	16QAM	1	0	21.56	21.43	21.39	21.69	21.58	23	0
5	16QAM	1	12	21.78	21.84	21.75	21.67	21.78		
5	16QAM	1	24	21.89	21.85	21.59	21.52	21.77		
5	16QAM	12	0	20.67	20.82	20.59	20.48	20.78	22	1
5	16QAM	12	7	20.72	20.86	20.77	20.70	20.72		
5	16QAM	12	13	20.79	20.72	20.61	20.58	20.70		
5	16QAM	25	0	20.78	20.88	20.76	20.59	20.80		
5	64QAM	1	0	20.29	20.64	20.34	20.57	20.55	22	1
5	64QAM	1	12	20.39	20.71	20.65	20.65	20.71		
5	64QAM	1	24	20.32	20.64	20.55	20.60	20.60		
5	64QAM	12	0	19.57	19.75	19.66	19.76	19.72	21	2
5	64QAM	12	7	19.68	19.79	19.69	19.56	19.82		
5	64QAM	12	13	19.85	19.76	19.56	19.47	19.63		
5	64QAM	25	0	19.59	19.88	19.66	19.68	19.57		

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GSM850_Ant 13	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	31.68	31.57	31.66	32.50	22.68	22.57	22.66	23.50
GPRS 1 Tx slot	31.65	31.55	31.60	32.50	22.65	22.55	22.60	23.50
GPRS 2 Tx slots	30.71	30.61	30.55	31.50	24.71	24.61	24.55	25.50
GPRS 3 Tx slots	28.45	28.21	28.19	29.50	24.19	23.95	23.93	25.24
GPRS 4 Tx slots	27.21	26.85	26.86	28.00	24.21	23.85	23.86	25.00
EDGE(GMSK 1 Tx slot)	31.61	31.52	31.57	32.50	22.61	22.52	22.57	23.50
EDGE(GMSK 2 Tx slots)	30.68	30.60	30.51	31.50	24.68	24.60	24.51	25.50
EDGE(GMSK 3 Tx slots)	28.44	28.18	28.15	29.50	24.18	23.92	23.89	25.24
EDGE(GMSK 4 Tx slots)	27.18	26.83	26.85	28.00	24.18	23.83	23.85	25.00
EDGE 1 Tx slot	26.30	26.31	26.34	27.00	17.30	17.31	17.34	18.00
EDGE 2 Tx slots	24.61	24.63	24.55	25.00	18.61	18.63	18.55	19.00
EDGE 3 Tx slots	22.42	22.32	22.33	23.00	18.16	18.06	18.07	18.74
EDGE 4 Tx slots	21.45	21.17	21.17	22.00	18.45	18.17	18.17	19.00

GSM850_Ant 31	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	31.74	31.66	31.58	32.50	22.74	22.66	22.58	23.50
GPRS 1 Tx slot	31.72	31.65	31.56	32.50	22.72	22.65	22.56	23.50
GPRS 2 Tx slots	29.51	29.45	29.48	31.00	23.51	23.45	23.48	25.00
GPRS 3 Tx slots	27.76	27.68	27.61	29.50	23.50	23.42	23.35	25.24
GPRS 4 Tx slots	26.48	26.39	26.34	28.00	23.48	23.39	23.34	25.00
EDGE(GMSK 1 Tx slot)	31.71	31.64	31.54	32.50	22.71	22.64	22.54	23.50
EDGE(GMSK 2 Tx slots)	29.45	29.39	29.46	31.00	23.45	23.39	23.46	25.00
EDGE(GMSK 3 Tx slots)	27.75	27.66	27.58	29.50	23.49	23.40	23.32	25.24
EDGE(GMSK 4 Tx slots)	26.46	26.35	26.33	28.00	23.46	23.35	23.33	25.00
EDGE 1 Tx slot	26.85	26.41	26.37	27.00	17.85	17.41	17.37	18.00
EDGE 2 Tx slots	24.95	24.65	24.67	25.00	18.95	18.65	18.67	19.00
EDGE 3 Tx slots	22.88	22.44	22.41	23.00	18.62	18.18	18.15	18.74
EDGE 4 Tx slots	21.67	21.31	21.18	22.00	18.67	18.31	18.18	19.00

GSM1900_Ant 13	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	28.78	29.10	29.07	30.40	19.78	20.10	20.07	21.40
GPRS 1 Tx slot	28.77	29.08	29.05	30.40	19.77	20.08	20.05	21.40
GPRS 2 Tx slots	26.85	27.21	27.20	28.40	20.85	21.21	21.20	22.40
GPRS 3 Tx slots	25.29	25.69	25.65	26.50	21.03	21.43	21.39	22.24
GPRS 4 Tx slots	23.63	23.96	23.92	25.40	20.63	20.96	20.92	22.40
EDGE(GMSK 1 Tx slot)	28.73	29.03	29.02	30.40	19.73	20.03	20.02	21.40
EDGE(GMSK 2 Tx slots)	26.82	27.18	27.15	28.40	20.82	21.18	21.15	22.40
EDGE(GMSK 3 Tx slots)	25.26	25.67	25.63	26.50	21.00	21.41	21.37	22.24
EDGE(GMSK 4 Tx slots)	23.62	23.92	23.89	25.40	20.62	20.92	20.89	22.40
EDGE 1 Tx slot	25.64	25.96	25.97	27.00	16.64	16.96	16.97	18.00
EDGE 2 Tx slots	23.48	23.82	23.77	25.00	17.48	17.82	17.77	19.00
EDGE 3 Tx slots	21.80	22.12	22.01	23.00	17.54	17.86	17.75	18.74
EDGE 4 Tx slots	20.60	20.92	20.87	22.00	17.60	17.92	17.87	19.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.67	29.75	29.66	30.40	20.67	20.75	20.66	21.40
GPRS 1 Tx slot	29.65	29.74	29.63	30.40	20.65	20.74	20.63	21.40
GPRS 2 Tx slots	26.96	27.05	26.93	27.40	20.96	21.05	20.93	21.40
GPRS 3 Tx slots	25.15	25.18	25.07	25.50	20.89	20.92	20.81	21.24
GPRS 4 Tx slots	23.89	24.01	23.91	24.90	20.89	21.01	20.91	21.90
EDGE(GMSK 1 Tx slot)	29.62	29.69	29.58	30.40	20.62	20.69	20.58	21.40
EDGE(GMSK 2 Tx slots)	26.91	27.01	26.89	27.40	20.91	21.01	20.89	21.40
EDGE(GMSK 3 Tx slots)	25.14	25.16	25.06	25.50	20.88	20.90	20.80	21.24
EDGE(GMSK 4 Tx slots)	23.85	24.00	23.87	24.90	20.85	21.00	20.87	21.90
EDGE 1 Tx slot	26.49	26.55	26.14	27.00	17.49	17.55	17.14	18.00
EDGE 2 Tx slots	24.45	24.32	23.98	25.00	18.45	18.32	17.98	19.00
EDGE 3 Tx slots	22.54	22.61	22.17	23.00	18.28	18.35	17.91	18.74
EDGE 4 Tx slots	21.24	21.33	20.84	22.00	18.24	18.33	17.84	19.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			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	21.98	22.14	22.04	23.00	23.55	23.58	23.56	24.50	23.27	23.24	23.35	24.50
3GPP Rel 99	RMC 12.2Kbps	22.06	22.19	22.05	23.00	23.58	23.65	23.64	24.50	23.32	23.29	23.39	24.50
3GPP Rel 6	HSDPA Subtest-1	21.04	21.20	21.02	22.00	22.40	22.62	22.60	23.50	22.04	22.07	22.23	23.50
3GPP Rel 6	HSDPA Subtest-2	21.05	21.12	20.94	22.00	22.44	22.58	22.58	23.50	22.09	22.06	22.30	23.50
3GPP Rel 6	HSDPA Subtest-3	20.50	20.66	20.50	21.50	21.95	22.11	22.11	23.00	21.58	21.55	21.77	23.00
3GPP Rel 6	HSDPA Subtest-4	20.45	20.58	20.51	21.50	21.95	22.13	22.08	23.00	21.57	21.58	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.85	21.05	20.79	22.00	22.34	22.42	22.54	23.50	21.98	21.93	22.12	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.90	21.16	21.00	22.00	22.30	22.48	22.39	23.50	21.99	21.87	22.19	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.46	20.67	20.46	21.50	21.87	22.06	22.00	23.00	21.46	21.41	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.29	20.62	20.44	21.50	21.92	22.12	21.97	23.00	21.39	21.38	21.71	23.00
3GPP Rel 6	HSUPA Subtest-1	20.93	21.14	21.03	22.00	22.49	22.64	22.61	23.50	22.13	22.16	22.35	23.50
3GPP Rel 6	HSUPA Subtest-2	19.24	19.16	19.03	20.00	20.46	20.62	20.66	21.50	20.16	20.15	20.38	21.50
3GPP Rel 6	HSUPA Subtest-3	20.23	20.16	20.13	21.00	21.59	21.63	21.63	22.50	21.20	21.21	21.39	22.50
3GPP Rel 6	HSUPA Subtest-4	19.12	19.21	19.00	20.00	20.59	20.63	20.63	21.50	20.14	20.14	20.35	21.50
3GPP Rel 6	HSUPA Subtest-5	21.06	21.18	20.97	22.00	22.60	22.60	22.60	23.50	22.10	22.20	22.30	23.50

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 31			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	20.35	20.55	20.35	21.00	19.76	19.89	19.89	21.00	23.12	23.09	23.15	24.50
3GPP Rel 99	RMC 12.2Kbps	20.40	20.61	20.43	21.00	19.81	20.00	19.94	21.00	23.18	23.14	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	19.57	19.63	19.61	20.00	18.94	19.00	19.14	20.00	22.18	22.23	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	19.68	19.70	19.51	20.00	18.95	19.05	19.04	20.00	22.20	22.28	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	19.13	19.25	19.06	19.50	18.37	18.50	18.57	19.50	21.70	21.75	21.88	23.00
3GPP Rel 6	HSDPA Subtest-4	19.05	19.14	19.00	19.50	18.44	18.54	18.62	19.50	21.71	21.76	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.54	19.65	19.48	20.00	18.86	18.88	18.96	20.00	22.18	22.05	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.53	19.51	19.45	20.00	18.70	18.95	18.98	20.00	22.14	22.20	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.89	19.11	18.84	19.50	18.32	18.37	18.48	19.50	21.51	21.72	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.96	18.98	18.88	19.50	18.25	18.45	18.44	19.50	21.55	21.69	21.77	23.00
3GPP Rel 6	HSUPA Subtest-1	19.63	19.74	19.60	20.00	18.84	19.04	19.16	20.00	22.08	22.23	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	17.62	17.74	17.47	18.00	16.79	17.01	17.11	18.00	20.09	20.22	20.29	21.50
3GPP Rel 6	HSUPA Subtest-3	18.59	18.71	18.59	19.00	17.82	18.02	18.19	19.00	21.08	21.16	21.30	22.50
3GPP Rel 6	HSUPA Subtest-4	17.62	17.65	17.50	18.00	16.95	17.15	17.07	18.00	20.17	20.15	20.29	21.50
3GPP Rel 6	HSUPA Subtest-5	19.56	19.71	19.60	20.00	18.74	19.06	19.15	20.00	22.20	22.20	22.30	23.50

Band 2_Ant 13

BW [MHz]	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	22.05	22.31	22.19	23	0
20	QPSK	1	49	22.10	22.35	22.22		
20	QPSK	1	99	22.04	22.15	22.09		
20	QPSK	50	0	22.02	22.27	22.18	23	0
20	QPSK	50	24	22.05	22.30	22.23		
20	QPSK	50	50	22.07	22.23	22.10		
20	QPSK	100	0	21.99	22.20	22.15		
20	16QAM	1	0	22.26	22.32	22.30	23	0
20	16QAM	1	49	22.25	22.28	22.28		
20	16QAM	1	99	22.33	22.31	22.30		
20	16QAM	50	0	21.06	21.31	21.20	22	1
20	16QAM	50	24	21.12	21.32	21.23		
20	16QAM	50	50	21.08	21.14	21.14		
20	16QAM	100	0	20.94	21.24	21.08		
20	64QAM	1	0	21.33	21.44	21.42	22	1
20	64QAM	1	49	21.28	21.22	21.27		
20	64QAM	1	99	21.27	21.41	21.30		
20	64QAM	50	0	20.12	20.35	20.21	21	2
20	64QAM	50	24	20.05	20.48	20.20		
20	64QAM	50	50	20.00	20.36	20.06		
20	64QAM	100	0	19.94	20.23	20.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.97	22.26	22.12	23	0
15	QPSK	1	37	22.02	22.33	22.09		
15	QPSK	1	74	21.91	22.06	22.04		
15	QPSK	36	0	21.97	22.25	22.09	23	0
15	QPSK	36	20	21.97	22.17	22.20		
15	QPSK	36	39	21.99	22.12	22.08		
15	QPSK	75	0	21.87	22.16	22.08		
15	16QAM	1	0	22.20	22.23	22.27	23	0
15	16QAM	1	37	22.19	22.20	22.16		
15	16QAM	1	74	22.29	22.18	22.24		
15	16QAM	36	0	21.04	21.25	21.13	22	1
15	16QAM	36	20	21.06	21.24	21.13		
15	16QAM	36	39	20.96	21.04	21.05		
15	16QAM	75	0	20.91	21.21	20.96		
15	64QAM	1	0	21.31	21.40	21.37	22	1
15	64QAM	1	37	21.17	21.09	21.15		
15	64QAM	1	74	21.23	21.37	21.28		
15	64QAM	36	0	20.08	20.28	20.15	21	2
15	64QAM	36	20	19.98	20.46	20.15		
15	64QAM	36	39	19.98	20.25	19.94		
15	64QAM	75	0	19.85	20.18	20.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.03	22.25	22.16	23	0
10	QPSK	1	25	22.02	22.26	22.15		
10	QPSK	1	49	21.96	22.05	22.07		
10	QPSK	25	0	21.98	22.21	22.11	23	0
10	QPSK	25	12	22.01	22.24	22.15		
10	QPSK	25	25	22.03	22.21	22.02		
10	QPSK	50	0	21.86	22.12	22.08		
10	16QAM	1	0	22.23	22.21	22.19	23	0
10	16QAM	1	25	22.14	22.19	22.23		
10	16QAM	1	49	22.24	22.22	22.24		
10	16QAM	25	0	21.01	21.22	21.12	22	1
10	16QAM	25	12	21.06	21.25	21.11		
10	16QAM	25	25	20.96	21.02	21.10		
10	16QAM	50	0	20.81	21.15	20.98		
10	64QAM	1	0	21.30	21.31	21.36	22	1
10	64QAM	1	25	21.17	21.14	21.20		
10	64QAM	1	49	21.23	21.39	21.27		
10	64QAM	25	0	20.04	20.27	20.18	21	2
10	64QAM	25	12	19.98	20.42	20.08		
10	64QAM	25	25	19.97	20.32	20.02		
10	64QAM	50	0	19.81	20.13	19.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.00	22.25	22.12	23	0
5	QPSK	1	12	21.97	22.24	22.19		
5	QPSK	1	24	21.93	22.07	21.96		
5	QPSK	12	0	21.89	22.17	22.16	23	0
5	QPSK	12	7	22.01	22.26	22.15		
5	QPSK	12	13	22.05	22.15	22.05		
5	QPSK	25	0	21.96	22.13	22.06		
5	16QAM	1	0	22.23	22.19	22.21	23	0
5	16QAM	1	12	22.17	22.15	22.16		
5	16QAM	1	24	22.29	22.20	22.28		
5	16QAM	12	0	20.99	21.25	21.10	22	1
5	16QAM	12	7	21.08	21.27	21.15		
5	16QAM	12	13	21.05	21.03	21.12		
5	16QAM	25	0	20.82	21.11	21.05		
5	64QAM	1	0	21.20	21.35	21.39	22	1
5	64QAM	1	12	21.21	21.16	21.22		
5	64QAM	1	24	21.15	21.34	21.17		
5	64QAM	12	0	20.05	20.25	20.18	21	2
5	64QAM	12	7	20.03	20.35	20.14		
5	64QAM	12	13	19.98	20.29	20.02		
5	64QAM	25	0	19.85	20.15	20.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.02	22.29	22.16	23	0
3	QPSK	1	8	22.07	22.26	22.14		
3	QPSK	1	14	21.94	22.08	22.02		
3	QPSK	8	0	21.93	22.14	22.08	23	0
3	QPSK	8	4	21.92	22.21	22.15		
3	QPSK	8	7	22.02	22.15	22.05		
3	QPSK	15	0	21.96	22.08	22.11		
3	16QAM	1	0	22.13	22.23	22.28	23	0
3	16QAM	1	8	22.23	22.24	22.18		
3	16QAM	1	14	22.31	22.20	22.22		
3	16QAM	8	0	20.97	21.23	21.16	22	1
3	16QAM	8	4	21.08	21.23	21.21		
3	16QAM	8	7	21.03	21.05	21.10		
3	16QAM	15	0	20.82	21.11	21.04		
3	64QAM	1	0	21.24	21.42	21.39	22	1
3	64QAM	1	8	21.23	21.18	21.14		
3	64QAM	1	14	21.21	21.30	21.20		
3	64QAM	8	0	20.06	20.24	20.11	21	2
3	64QAM	8	4	19.99	20.36	20.18		
3	64QAM	8	7	19.91	20.25	19.96		
3	64QAM	15	0	19.92	20.21	20.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.97	22.25	22.17	23	0
1.4	QPSK	1	3	21.99	22.29	22.10		
1.4	QPSK	1	5	21.98	22.09	22.00		
1.4	QPSK	3	0	21.89	22.15	22.14		
1.4	QPSK	3	1	22.01	22.26	22.17		
1.4	QPSK	3	3	21.99	22.20	22.06		
1.4	QPSK	6	0	21.93	22.08	22.03	23	0
1.4	16QAM	1	0	22.20	22.20	22.21	23	0
1.4	16QAM	1	3	22.22	22.22	22.25		
1.4	16QAM	1	5	22.30	22.19	22.22		
1.4	16QAM	3	0	21.04	21.25	21.14		
1.4	16QAM	3	1	21.05	21.23	21.19		
1.4	16QAM	3	3	21.04	21.03	21.07		
1.4	16QAM	6	0	20.81	21.21	21.05	22	1
1.4	64QAM	1	0	21.29	21.32	21.37	22	1
1.4	64QAM	1	3	21.20	21.11	21.25		
1.4	64QAM	1	5	21.19	21.38	21.26		
1.4	64QAM	3	0	21.31	21.35	21.39		
1.4	64QAM	3	1	21.18	21.10	21.22		
1.4	64QAM	3	3	21.24	21.43	21.29		
1.4	64QAM	6	0	19.86	20.21	20.06	21	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	21.10	21.10	21.10	22	0
20	QPSK	1	49	21.17	21.34	21.33		
20	QPSK	1	99	20.93	20.96	20.92		
20	QPSK	50	0	21.05	21.28	21.29	22	0
20	QPSK	50	24	21.30	21.33	21.31		
20	QPSK	50	50	20.90	21.28	21.16		
20	QPSK	100	0	21.04	21.30	21.22		
20	16QAM	1	0	21.25	21.33	21.27	22	0
20	16QAM	1	49	21.00	20.98	20.87		
20	16QAM	1	99	21.02	21.16	21.05		
20	16QAM	50	0	21.00	21.09	21.23	22	0
20	16QAM	50	24	21.00	21.33	21.16		
20	16QAM	50	50	20.97	21.09	20.84		
20	16QAM	100	0	20.96	21.10	21.23		
20	64QAM	1	0	21.31	21.21	21.31	22	0
20	64QAM	1	49	21.09	21.06	21.26		
20	64QAM	1	99	21.15	21.30	21.19		
20	64QAM	50	0	20.12	20.26	20.26	21	1
20	64QAM	50	24	20.14	20.34	20.33		
20	64QAM	50	50	19.85	20.02	19.86		
20	64QAM	100	0	20.03	20.18	20.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.08	21.07	21.04	22	0
15	QPSK	1	37	21.12	21.29	21.30		
15	QPSK	1	74	20.89	20.93	20.84		
15	QPSK	36	0	20.94	21.18	21.24	22	0
15	QPSK	36	20	21.25	21.30	21.19		
15	QPSK	36	39	20.84	21.22	21.08		
15	QPSK	75	0	21.01	21.26	21.19		
15	16QAM	1	0	21.12	21.23	21.14	22	0
15	16QAM	1	37	20.98	20.88	20.79		
15	16QAM	1	74	20.96	21.13	21.00		
15	16QAM	36	0	20.98	21.07	21.14	22	0
15	16QAM	36	20	20.95	21.23	21.07		
15	16QAM	36	39	20.86	21.07	20.76		
15	16QAM	75	0	20.87	21.07	21.12		
15	64QAM	1	0	21.29	21.11	21.25	22	0
15	64QAM	1	37	21.05	20.97	21.17		
15	64QAM	1	74	21.11	21.27	21.07		
15	64QAM	36	0	20.10	20.24	20.23	21	1
15	64QAM	36	20	20.10	20.29	20.30		
15	64QAM	36	39	19.74	19.99	19.76		
15	64QAM	75	0	19.93	20.13	20.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.08	21.02	21.08	22	0
10	QPSK	1	25	21.05	21.30	21.21		
10	QPSK	1	49	20.90	20.90	20.81		
10	QPSK	25	0	20.94	21.24	21.25	22	0
10	QPSK	25	12	21.19	21.28	21.23		
10	QPSK	25	25	20.82	21.25	21.05		
10	QPSK	50	0	21.01	21.20	21.13		
10	16QAM	1	0	21.16	21.23	21.18	22	0
10	16QAM	1	25	20.88	20.85	20.81		
10	16QAM	1	49	20.93	21.10	20.93		
10	16QAM	25	0	20.97	20.98	21.14	22	0
10	16QAM	25	12	20.87	21.31	21.10		
10	16QAM	25	25	20.88	21.05	20.80		
10	16QAM	50	0	20.88	21.08	21.18		
10	64QAM	1	0	21.29	21.10	21.26	22	0
10	64QAM	1	25	21.01	21.00	21.24		
10	64QAM	1	49	21.13	21.18	21.07		
10	64QAM	25	0	20.06	20.21	20.15	21	1
10	64QAM	25	12	20.02	20.22	20.25		
10	64QAM	25	25	19.79	19.98	19.78		
10	64QAM	50	0	19.94	20.15	20.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.02	21.02	22	0
5	QPSK	1	12	21.06	21.23	21.26		
5	QPSK	1	24	20.84	20.89	20.86		
5	QPSK	12	0	20.96	21.16	21.25	22	0
5	QPSK	12	7	21.26	21.30	21.20		
5	QPSK	12	13	20.84	21.19	21.07		
5	QPSK	25	0	20.99	21.19	21.15		
5	16QAM	1	0	21.22	21.22	21.19	22	0
5	16QAM	1	12	20.95	20.93	20.82		
5	16QAM	1	24	21.00	21.04	20.96		
5	16QAM	12	0	20.91	21.05	21.14	22	0
5	16QAM	12	7	20.95	21.22	21.12		
5	16QAM	12	13	20.94	21.00	20.71		
5	16QAM	25	0	20.93	21.01	21.17		
5	64QAM	1	0	21.25	21.17	21.19	22	0
5	64QAM	1	12	21.07	20.94	21.13		
5	64QAM	1	24	21.10	21.18	21.17		
5	64QAM	12	0	20.08	20.20	20.16	21	1
5	64QAM	12	7	20.09	20.30	20.25		
5	64QAM	12	13	19.75	19.91	19.84		
5	64QAM	25	0	19.98	20.15	20.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.07	21.08	21.03	22	0
3	QPSK	1	8	21.12	21.31	21.24		
3	QPSK	1	14	20.80	20.90	20.80		
3	QPSK	8	0	21.00	21.23	21.18	22	0
3	QPSK	8	4	21.24	21.24	21.19		
3	QPSK	8	7	20.83	21.24	21.10		
3	QPSK	15	0	20.95	21.19	21.11		
3	16QAM	1	0	21.16	21.29	21.16	22	0
3	16QAM	1	8	20.90	20.93	20.75		
3	16QAM	1	14	20.98	21.07	20.99		
3	16QAM	8	0	20.97	21.01	21.14	22	0
3	16QAM	8	4	20.88	21.25	21.03		
3	16QAM	8	7	20.94	21.04	20.72		
3	16QAM	15	0	20.91	21.02	21.19		
3	64QAM	1	0	21.20	21.16	21.22	22	0
3	64QAM	1	8	21.06	21.04	21.23		
3	64QAM	1	14	21.06	21.21	21.09		
3	64QAM	8	0	20.01	20.22	20.24	21	1
3	64QAM	8	4	20.09	20.27	20.23		
3	64QAM	8	7	19.83	19.98	19.84		
3	64QAM	15	0	19.94	20.15	20.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.05	21.07	21.05	22	0
1.4	QPSK	1	3	21.04	21.22	21.22		
1.4	QPSK	1	5	20.91	20.86	20.82		
1.4	QPSK	3	0	21.03	21.15	21.16		
1.4	QPSK	3	1	21.18	21.25	21.20		
1.4	QPSK	3	3	20.80	21.19	21.06		
1.4	QPSK	6	0	20.93	21.27	21.10	22	0
1.4	16QAM	1	0	21.23	21.30	21.22	22	0
1.4	16QAM	1	3	20.90	20.91	20.83		
1.4	16QAM	1	5	20.93	21.11	21.03		
1.4	16QAM	3	0	20.95	20.98	21.16		
1.4	16QAM	3	1	20.97	21.23	21.10		
1.4	16QAM	3	3	20.87	20.98	20.82		
1.4	16QAM	6	0	20.90	21.06	21.16	22	0
1.4	64QAM	1	0	21.28	21.09	21.29	22	0
1.4	64QAM	1	3	20.99	20.95	21.16		
1.4	64QAM	1	5	21.02	21.20	21.17		
1.4	64QAM	3	0	21.24	21.10	21.32		
1.4	64QAM	3	1	20.95	21.00	21.16		
1.4	64QAM	3	3	21.05	21.18	21.13		
1.4	64QAM	6	0	19.98	20.06	20.25	21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.78	22.87	22.86	24	0
20	QPSK	1	49	22.83	22.97	22.84		
20	QPSK	1	99	22.64	22.92	22.90		
20	QPSK	50	0	21.88	21.95	21.86	23	1
20	QPSK	50	24	21.93	21.97	21.93		
20	QPSK	50	50	21.83	21.92	21.85		
20	QPSK	100	0	21.91	21.95	21.94		
20	16QAM	1	0	22.02	21.81	21.84	23	1
20	16QAM	1	49	22.20	21.87	21.99		
20	16QAM	1	99	21.84	21.91	22.09		
20	16QAM	50	0	20.64	20.79	20.80	22	2
20	16QAM	50	24	20.88	20.96	20.92		
20	16QAM	50	50	20.91	20.93	20.86		
20	16QAM	100	0	21.03	20.81	21.00		
20	64QAM	1	0	20.93	20.93	21.02	22	2
20	64QAM	1	49	21.14	20.89	21.16		
20	64QAM	1	99	20.91	20.95	20.84		
20	64QAM	50	0	19.62	19.85	19.74	21	3
20	64QAM	50	24	19.93	19.73	19.84		
20	64QAM	50	50	19.85	19.90	19.78		
20	64QAM	100	0	19.87	19.83	19.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.92	22.91	22.81	24	0
15	QPSK	1	37	22.87	22.71	22.87		
15	QPSK	1	74	22.87	22.92	22.96		
15	QPSK	36	0	22.06	21.87	21.98	23	1
15	QPSK	36	20	21.92	21.70	21.98		
15	QPSK	36	39	21.81	21.89	21.89		
15	QPSK	75	0	21.85	21.86	21.95		
15	16QAM	1	0	22.29	22.24	22.15	23	1
15	16QAM	1	37	22.11	22.42	22.45		
15	16QAM	1	74	22.50	22.38	22.08		
15	16QAM	36	0	20.63	20.86	20.95	22	2
15	16QAM	36	20	20.77	20.76	21.01		
15	16QAM	36	39	20.89	20.84	20.89		
15	16QAM	75	0	20.86	20.81	20.94		
15	64QAM	1	0	20.91	21.17	21.39	22	2
15	64QAM	1	37	21.03	21.00	20.99		
15	64QAM	1	74	21.19	20.97	21.20		
15	64QAM	36	0	19.88	19.75	19.96	21	3
15	64QAM	36	20	19.98	19.72	19.98		
15	64QAM	36	39	19.85	19.87	19.97		
15	64QAM	75	0	19.80	19.80	19.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.85	22.68	22.73	24	0
10	QPSK	1	25	22.58	22.73	22.67		
10	QPSK	1	49	22.81	22.82	22.78		
10	QPSK	25	0	21.71	21.70	21.80	23	1
10	QPSK	25	12	21.80	21.76	21.76		
10	QPSK	25	25	21.75	21.88	21.75		
10	QPSK	50	0	21.74	21.68	21.72		
10	16QAM	1	0	22.31	22.33	22.01	23	1
10	16QAM	1	25	22.08	22.09	22.28		
10	16QAM	1	49	22.34	22.45	22.39		
10	16QAM	25	0	20.69	20.84	20.94	22	2
10	16QAM	25	12	20.69	20.67	20.82		
10	16QAM	25	25	20.74	20.76	20.79		
10	16QAM	50	0	20.62	20.88	20.80		
10	64QAM	1	0	21.11	20.72	20.95	22	2
10	64QAM	1	25	20.86	20.98	21.14		
10	64QAM	1	49	21.10	21.02	21.18		
10	64QAM	25	0	19.77	19.74	19.93	21	3
10	64QAM	25	12	19.59	19.72	19.76		
10	64QAM	25	25	19.83	19.66	19.86		
10	64QAM	50	0	19.75	19.86	19.77		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.95	22.77	22.62	24	0
5	QPSK	1	12	22.83	22.71	22.85		
5	QPSK	1	24	22.80	22.65	22.62		
5	QPSK	12	0	21.74	21.79	21.87	23	1
5	QPSK	12	7	21.76	21.64	21.72		
5	QPSK	12	13	21.64	21.69	21.75		
5	QPSK	25	0	21.67	21.74	21.81		
5	16QAM	1	0	21.98	22.16	22.17	23	1
5	16QAM	1	12	21.97	22.09	22.09		
5	16QAM	1	24	21.73	22.07	22.19		
5	16QAM	12	0	20.77	20.88	20.80	22	2
5	16QAM	12	7	20.74	20.77	20.75		
5	16QAM	12	13	20.68	20.54	20.81		
5	16QAM	25	0	20.82	20.72	20.79		
5	64QAM	1	0	21.12	20.86	21.03	22	2
5	64QAM	1	12	21.10	20.72	21.18		
5	64QAM	1	24	20.90	20.98	20.76		
5	64QAM	12	0	19.65	20.14	19.94	21	3
5	64QAM	12	7	19.73	19.70	19.83		
5	64QAM	12	13	19.76	19.72	19.82		
5	64QAM	25	0	19.75	19.87	19.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.72	22.91	22.92	24	0
3	QPSK	1	8	22.78	22.85	22.96		
3	QPSK	1	14	22.88	22.91	22.89		
3	QPSK	8	0	21.78	21.80	22.03	23	1
3	QPSK	8	4	21.73	21.88	21.82		
3	QPSK	8	7	21.78	21.84	21.78		
3	QPSK	15	0	21.75	21.85	21.90		
3	16QAM	1	0	22.13	22.20	22.39	23	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.61	20.69	20.69	22	0
20	QPSK	1	49	20.72	20.79	20.75		
20	QPSK	1	99	20.54	20.77	20.66		
20	QPSK	50	0	20.63	20.74	20.67	22	0
20	QPSK	50	24	20.67	20.75	20.73		
20	QPSK	50	50	20.63	20.73	20.64		
20	QPSK	100	0	20.56	20.68	20.66		
20	16QAM	1	0	20.52	20.60	20.67	22	0
20	16QAM	1	49	20.69	20.60	20.76		
20	16QAM	1	99	20.58	20.64	20.69		
20	16QAM	50	0	20.50	20.58	20.77	22	0
20	16QAM	50	24	20.69	20.69	20.67		
20	16QAM	50	50	20.70	20.78	20.74		
20	16QAM	100	0	20.39	20.60	20.73		
20	64QAM	1	0	20.57	20.50	20.58	22	0
20	64QAM	1	49	20.73	20.71	20.76		
20	64QAM	1	99	20.63	20.74	20.73		
20	64QAM	50	0	19.56	19.59	19.64	21	1
20	64QAM	50	24	19.74	19.65	19.70		
20	64QAM	50	50	19.61	19.65	19.75		
20	64QAM	100	0	19.58	19.62	19.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.53	20.62	20.64	22	0
15	QPSK	1	37	20.60	20.73	20.62		
15	QPSK	1	74	20.47	20.72	20.60		
15	QPSK	36	0	20.60	20.67	20.58	22	0
15	QPSK	36	20	20.61	20.63	20.60		
15	QPSK	36	39	20.56	20.67	20.62		
15	QPSK	75	0	20.45	20.60	20.60		
15	16QAM	1	0	20.41	20.56	20.62	22	0
15	16QAM	1	37	20.58	20.51	20.69		
15	16QAM	1	74	20.46	20.62	20.65		
15	16QAM	36	0	20.47	20.54	20.72	22	0
15	16QAM	36	20	20.67	20.56	20.61		
15	16QAM	36	39	20.68	20.68	20.70		
15	16QAM	75	0	20.36	20.52	20.62		
15	64QAM	1	0	20.48	20.38	20.56	22	0
15	64QAM	1	37	20.64	20.63	20.68		
15	64QAM	1	74	20.52	20.72	20.71		
15	64QAM	36	0	19.43	19.51	19.53	21	1
15	64QAM	36	20	19.68	19.52	19.62		
15	64QAM	36	39	19.58	19.60	19.62		
15	64QAM	75	0	19.48	19.50	19.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.57	20.67	20.61	22	0
10	QPSK	1	25	20.61	20.74	20.62		
10	QPSK	1	49	20.45	20.68	20.63		
10	QPSK	25	0	20.53	20.71	20.57	22	0
10	QPSK	25	12	20.61	20.63	20.71		
10	QPSK	25	25	20.60	20.70	20.55		
10	QPSK	50	0	20.47	20.64	20.64		
10	16QAM	1	0	20.48	20.53	20.58	22	0
10	16QAM	1	25	20.65	20.55	20.74		
10	16QAM	1	49	20.48	20.53	20.63		
10	16QAM	25	0	20.37	20.50	20.74	22	0
10	16QAM	25	12	20.56	20.62	20.61		
10	16QAM	25	25	20.59	20.70	20.65		
10	16QAM	50	0	20.30	20.58	20.70		
10	64QAM	1	0	20.52	20.39	20.46	22	0
10	64QAM	1	25	20.70	20.58	20.70		
10	64QAM	1	49	20.54	20.72	20.71		
10	64QAM	25	0	19.48	19.48	19.51	21	1
10	64QAM	25	12	19.64	19.54	19.67		
10	64QAM	25	25	19.52	19.60	19.73		
10	64QAM	50	0	19.48	19.58	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.57	20.61	20.66	22	0
5	QPSK	1	12	20.61	20.73	20.62		
5	QPSK	1	24	20.46	20.74	20.55		
5	QPSK	12	0	20.59	20.72	20.57	22	0
5	QPSK	12	7	20.55	20.63	20.67		
5	QPSK	12	13	20.50	20.61	20.51		
5	QPSK	25	0	20.51	20.66	20.58		
5	16QAM	1	0	20.50	20.57	20.60	22	0
5	16QAM	1	12	20.66	20.52	20.68		
5	16QAM	1	24	20.56	20.53	20.63		
5	16QAM	12	0	20.39	20.49	20.67	22	0
5	16QAM	12	7	20.62	20.59	20.55		
5	16QAM	12	13	20.63	20.66	20.63		
5	16QAM	25	0	20.35	20.58	20.66		
5	64QAM	1	0	20.54	20.42	20.54	22	0
5	64QAM	1	12	20.60	20.66	20.68		
5	64QAM	1	24	20.54	20.65	20.62		
5	64QAM	12	0	19.52	19.56	19.51	21	1
5	64QAM	12	7	19.61	19.55	19.57		
5	64QAM	12	13	19.51	19.58	19.63		
5	64QAM	25	0	19.55	19.49	19.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.56	20.62	20.65	22	0
3	QPSK	1	8	20.68	20.75	20.64		
3	QPSK	1	14	20.42	20.64	20.59		
3	QPSK	8	0	20.54	20.71	20.65	22	0
3	QPSK	8	4	20.61	20.70	20.62		
3	QPSK	8	7	20.53	20.65	20.51		
3	QPSK	15	0	20.51	20.62	20.57		
3	16QAM	1	0	20.40	20.50	20.63	22	0
3	16QAM	1	8	20.67	20.52	20.74		
3	16QAM	1	14	20.52	20.52	20.56		
3	16QAM	8	0	20.39	20.45	20.64	22	0
3	16QAM	8	4	20.60	20.63	20.56		
3	16QAM	8	7	20.62	20.66	20.62		
3	16QAM	15	0	20.34	20.57	20.63		
3	64QAM	1	0	20.44	20.38	20.56	22	0
3	64QAM	1	8	20.69	20.69	20.65		
3	64QAM	1	14	20.61	20.62	20.63		
3	64QAM	8	0	19.46	19.54	19.52	21	1
3	64QAM	8	4	19.71	19.60	19.65		
3	64QAM	8	7	19.57	19.59	19.64		
3	64QAM	15	0	19.51	19.57	19.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.55	20.61	20.66	22	0
1.4	QPSK	1	3	20.63	20.77	20.67		
1.4	QPSK	1	5	20.51	20.68	20.56		
1.4	QPSK	3	0	20.53	20.68	20.65		
1.4	QPSK	3	1	20.59	20.67	20.60		
1.4	QPSK	3	3	20.59	20.65	20.61		
1.4	QPSK	6	0	20.43	20.66	20.63	22	0
1.4	16QAM	1	0	20.50	20.57	20.63	22	0
1.4	16QAM	1	3	20.59	20.51	20.65		
1.4	16QAM	1	5	20.50	20.56	20.60		
1.4	16QAM	3	0	20.45	20.45	20.69		
1.4	16QAM	3	1	20.63	20.56	20.55		
1.4	16QAM	3	3	20.59	20.72	20.61		
1.4	16QAM	6	0	20.29	20.54	20.61	22	0
1.4	64QAM	1	0	20.52	20.46	20.45	22	0
1.4	64QAM	1	3	20.66	20.64	20.65		
1.4	64QAM	1	5	20.54	20.67	20.66		
1.4	64QAM	3	0	20.50	20.41	20.41		
1.4	64QAM	3	1	20.62	20.59	20.61		
1.4	64QAM	3	3	20.53	20.70	20.63		
1.4	64QAM	6	0	19.47	19.57	19.92	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	22.98	22.93	24	0
10	QPSK	1	25	22.76	23.10	22.87		
10	QPSK	1	49	22.95	23.07	23.06		
10	QPSK	25	0	21.81	21.85	21.82	23	1
10	QPSK	25	12	21.77	21.88	21.81		
10	QPSK	25	25	21.71	21.85	21.75		
10	QPSK	50	0	21.71	21.80	21.77		
10	16QAM	1	0	22.01	21.81	22.23	23	1
10	16QAM	1	25	22.23	22.15	21.82		
10	16QAM	1	49	21.82	22.21	22.12		
10	16QAM	25	0	20.85	20.65	20.89	22	2
10	16QAM	25	12	20.75	20.69	20.96		
10	16QAM	25	25	20.83	20.64	20.95		
10	16QAM	50	0	20.75	20.82	20.97		
10	64QAM	1	0	20.97	20.89	20.88	22	2
10	64QAM	1	25	20.89	20.85	20.87		
10	64QAM	1	49	21.17	21.31	21.33		
10	64QAM	25	0	19.79	19.66	19.82	21	3
10	64QAM	25	12	19.82	19.73	19.91		
10	64QAM	25	25	19.97	19.83	20.02		
10	64QAM	50	0	19.79	19.71	19.95		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.76	22.63	22.99	24	0
5	QPSK	1	12	22.63	22.79	22.87		
5	QPSK	1	24	23.02	22.84	22.94		
5	QPSK	12	0	21.83	21.68	21.84	23	1
5	QPSK	12	7	21.79	21.71	21.79		
5	QPSK	12	13	21.72	21.70	21.87		
5	QPSK	25	0	21.80	21.71	21.92		
5	16QAM	1	0	22.26	22.14	22.24	23	1
5	16QAM	1	12	21.91	22.00	22.11		
5	16QAM	1	24	21.96	21.79	21.79		
5	16QAM	12	0	20.87	20.89	20.96	22	2
5	16QAM	12	7	20.81	20.82	20.89		
5	16QAM	12	13	20.75	20.78	20.86		
5	16QAM	25	0	20.83	20.65	20.78		
5	64QAM	1	0	20.96	20.87	20.89	22	2
5	64QAM	1	12	21.12	20.91	20.94		
5	64QAM	1	24	21.02	20.94	20.83		
5	64QAM	12	0	19.86	19.68	19.85	21	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.87	19.71	19.87		
5	64QAM	25	0	19.67	19.66	19.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.65	22.65	22.89	24	0
3	QPSK	1	8	22.67	22.84	22.93		
3	QPSK	1	14	22.62	22.61	22.79		
3	QPSK	8	0	21.55	21.59	21.85	23	1
3	QPSK	8	4	21.79	21.68	21.86		
3	QPSK	8	7	21.60	21.84	21.90		
3	QPSK	15	0	21.71	21.66	21.91		
3	16QAM	1	0	21.89	22.21	21.95	23	1
3	16QAM	1	8	22.15	22.10	22.18		
3	16QAM	1	14	22.25	21.97	21.99		
3	16QAM	8	0	20.85	20.68	20.99	22	2
3	16QAM	8	4	20.87	20.83	20.92		
3	16QAM	8	7	20.86	20.90	20.88		
3	16QAM	15	0	20.71	20.70	20.84		
3	64QAM	1	0	20.82	21.08	21.29	22	2
3	64QAM	1	8	20.96	20.94	21.30		
3	64QAM	1	14	20.98	21.23	21.16		
3	64QAM	8	0	19.61	19.77	19.87	21	3
3	64QAM	8	4	19.97	19.70	20.00		
3	64QAM	8	7	19.74	19.90	19.83		
3	64QAM	15	0	19.70	19.84	19.72		
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	22.52	22.73	24	0
1.4	QPSK	1	3	22.84	22.63	22.87		
1.4	QPSK	1	5	22.59	22.60	22.82		
1.4	QPSK	3	0	22.67	22.61	22.82		
1.4	QPSK	3	1	22.69	22.62	22.80		
1.4	QPSK	3	3	22.66	22.66	22.78		
1.4	QPSK	6	0	21.69	21.68	21.83	23	1
1.4	16QAM	1	0	22.42	22.07	22.39	23	1
1.4	16QAM	1	3	22.10	22.32	22.11		
1.4	16QAM	1	5	22.10	22.22	22.43		
1.4	16QAM	3	0	21.86	21.76	21.89		
1.4	16QAM	3	1	22.03	21.65	21.71		
1.4	16QAM	3	3	21.73	21.83	21.68		
1.4	16QAM	6	0	20.89	20.72	20.99	22	2
1.4	64QAM	1	0	20.96	20.84	20.84	22	2
1.4	64QAM	1	3	20.88	21.01	21.06		
1.4	64QAM	1	5	20.67	20.71	21.06		
1.4	64QAM	3	0	20.73	20.75	21.04		
1.4	64QAM	3	1	20.98	20.78	20.86		
1.4	64QAM	3	3	20.84	20.87	20.66		
1.4	64QAM	6	0	19.64	19.63	19.75	21	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.10	23.16	23.03	24	0
20	QPSK	1	49	23.34	23.47	23.31		
20	QPSK	1	99	23.05	23.08	22.97		
20	QPSK	50	0	22.30	22.35	22.14	23	1
20	QPSK	50	24	22.38	22.44	22.27		
20	QPSK	50	50	22.23	22.28	22.11		
20	QPSK	100	0	22.34	22.40	22.18		
20	16QAM	1	0	22.38	22.36	22.28	23	1
20	16QAM	1	49	22.72	22.74	22.35		
20	16QAM	1	99	22.29	22.30	22.26		
20	16QAM	50	0	21.25	21.41	21.14	22	2
20	16QAM	50	24	21.39	21.49	21.26		
20	16QAM	50	50	21.12	21.35	21.15		
20	16QAM	100	0	21.29	21.31	21.16		
20	64QAM	1	0	21.35	21.37	21.27	22	2
20	64QAM	1	49	21.71	21.54	21.46		
20	64QAM	1	99	21.27	21.27	21.25		
20	64QAM	50	0	20.27	20.38	20.09	21	3
20	64QAM	50	24	20.41	20.43	20.31		
20	64QAM	50	50	20.20	20.25	20.13		
20	64QAM	100	0	20.26	20.31	20.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.04	22.85	24	0
15	QPSK	1	37	23.29	23.28	23.32		
15	QPSK	1	74	23.05	22.95	22.98		
15	QPSK	36	0	22.30	22.21	22.04	23	1
15	QPSK	36	20	22.33	22.43	22.10		
15	QPSK	36	39	22.16	22.24	21.93		
15	QPSK	75	0	22.25	22.30	22.15		
15	16QAM	1	0	22.31	22.18	22.19	23	1
15	16QAM	1	37	22.56	22.60	22.27		
15	16QAM	1	74	22.22	22.23	22.21		
15	16QAM	36	0	21.27	21.25	21.03	22	2
15	16QAM	36	20	21.22	21.32	21.27		
15	16QAM	36	39	21.04	21.32	21.13		
15	16QAM	75	0	21.21	21.31	21.05		
15	64QAM	1	0	21.30	21.26	21.17	22	2
15	64QAM	1	37	21.41	21.45	21.45		
15	64QAM	1	74	21.25	21.10	21.11		
15	64QAM	36	0	20.27	20.25	20.00	21	3
15	64QAM	36	20	20.30	20.34	20.21		
15	64QAM	36	39	20.11	20.16	20.14		
15	64QAM	75	0	20.25	20.24	20.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.07	22.99	22.96	24	0
10	QPSK	1	25	23.17	23.32	23.17		
10	QPSK	1	49	23.03	23.04	22.84		
10	QPSK	25	0	22.32	22.29	22.13	23	1
10	QPSK	25	12	22.37	22.37	22.12		
10	QPSK	25	25	22.22	22.20	22.06		
10	QPSK	50	0	22.20	22.34	22.05		
10	16QAM	1	0	22.20	22.27	22.22	23	1
10	16QAM	1	25	22.60	22.59	22.25		
10	16QAM	1	49	22.21	22.23	22.26		
10	16QAM	25	0	21.20	21.31	21.01	22	2
10	16QAM	25	12	21.31	21.35	21.09		
10	16QAM	25	25	21.11	21.33	21.14		
10	16QAM	50	0	21.26	21.13	21.08		
10	64QAM	1	0	21.18	21.34	21.25	22	2
10	64QAM	1	25	21.55	21.39	21.44		
10	64QAM	1	49	21.18	21.19	21.18		
10	64QAM	25	0	20.28	20.27	20.04	21	3
10	64QAM	25	12	20.24	20.34	20.15		
10	64QAM	25	25	20.18	20.12	19.96		
10	64QAM	50	0	20.11	20.22	20.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.02	23.15	22.91	24	0
5	QPSK	1	12	23.34	23.35	23.23		
5	QPSK	1	24	22.88	22.99	22.89		
5	QPSK	12	0	22.17	22.17	22.05	23	1
5	QPSK	12	7	22.35	22.32	22.11		
5	QPSK	12	13	22.22	22.18	21.97		
5	QPSK	25	0	22.19	22.32	22.18		
5	16QAM	1	0	22.23	22.20	22.30	23	1
5	16QAM	1	12	22.60	22.70	22.31		
5	16QAM	1	24	22.22	22.22	22.24		
5	16QAM	12	0	21.14	21.28	21.04	22	2
5	16QAM	12	7	21.36	21.45	21.16		
5	16QAM	12	13	20.96	21.17	21.11		
5	16QAM	25	0	21.20	21.20	21.01		
5	64QAM	1	0	21.21	21.38	21.29	22	2
5	64QAM	1	12	21.54	21.39	21.44		
5	64QAM	1	24	21.18	21.20	21.16		
5	64QAM	12	0	20.27	20.32	20.06	21	3
5	64QAM	12	7	20.33	20.26	20.32		
5	64QAM	12	13	20.07	20.27	19.96		
5	64QAM	25	0	20.26	20.22	20.19		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.79	17.04	16.75	18	0
20	QPSK	1	49	16.89	17.16	16.85		
20	QPSK	1	99	16.74	16.81	16.75		
20	QPSK	50	0	16.79	17.04	16.79	18	0
20	QPSK	50	24	17.10	17.14	17.06		
20	QPSK	50	50	16.87	17.13	17.07		
20	QPSK	100	0	17.07	17.11	17.04		
20	16QAM	1	0	16.95	16.86	17.04	18	0
20	16QAM	1	49	16.87	17.11	16.80		
20	16QAM	1	99	16.78	16.70	17.00		
20	16QAM	50	0	17.10	17.00	16.70	18	0
20	16QAM	50	24	16.89	17.14	17.11		
20	16QAM	50	50	16.92	17.03	17.14		
20	16QAM	100	0	16.91	17.01	16.89		
20	64QAM	1	0	16.98	16.90	16.79	18	0
20	64QAM	1	49	16.78	17.12	17.08		
20	64QAM	1	99	16.97	16.86	16.83		
20	64QAM	50	0	16.87	17.09	16.80	18	0
20	64QAM	50	24	17.00	16.98	16.74		
20	64QAM	50	50	16.86	17.05	17.11		
20	64QAM	100	0	16.94	17.00	16.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.73	16.96	16.67	18	0
15	QPSK	1	37	16.78	17.12	16.76		
15	QPSK	1	74	16.63	16.79	16.68		
15	QPSK	36	0	16.76	17.00	16.73	18	0
15	QPSK	36	20	17.01	17.07	16.94		
15	QPSK	36	39	16.79	17.07	16.99		
15	QPSK	75	0	16.96	17.00	16.98		
15	16QAM	1	0	16.87	16.81	16.92	18	0
15	16QAM	1	37	16.74	16.98	16.68		
15	16QAM	1	74	16.71	16.68	16.94		
15	16QAM	36	0	16.99	16.91	16.57	18	0
15	16QAM	36	20	16.83	17.07	17.03		
15	16QAM	36	39	16.89	16.91	17.01		
15	16QAM	75	0	16.89	16.97	16.80		
15	64QAM	1	0	16.87	16.88	16.72	18	0
15	64QAM	1	37	16.74	16.99	17.06		
15	64QAM	1	74	16.87	16.83	16.70		
15	64QAM	36	0	16.79	17.05	16.70	18	0
15	64QAM	36	20	16.97	16.94	16.69		
15	64QAM	36	39	16.83	16.95	17.09		
15	64QAM	75	0	16.84	16.90	16.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.77	17.02	16.67	18	0
10	QPSK	1	25	16.78	17.06	16.80		
10	QPSK	1	49	16.64	16.75	16.65		
10	QPSK	25	0	16.66	17.01	16.73	18	0
10	QPSK	25	12	17.07	17.10	16.98		
10	QPSK	25	25	16.82	17.00	16.94		
10	QPSK	50	0	17.00	17.05	16.99		
10	16QAM	1	0	16.87	16.81	16.99	18	0
10	16QAM	1	25	16.85	17.02	16.72		
10	16QAM	1	49	16.69	16.60	16.96		
10	16QAM	25	0	16.98	16.88	16.68	18	0
10	16QAM	25	12	16.79	17.09	17.04		
10	16QAM	25	25	16.84	16.91	17.01		
10	16QAM	50	0	16.85	16.94	16.84		
10	64QAM	1	0	16.89	16.77	16.73	18	0
10	64QAM	1	25	16.71	17.00	16.98		
10	64QAM	1	49	16.94	16.75	16.72		
10	64QAM	25	0	16.75	17.02	16.74	18	0
10	64QAM	25	12	16.97	16.85	16.63		
10	64QAM	25	25	16.77	17.02	17.02		
10	64QAM	50	0	16.82	16.94	16.8		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.72	17.00	16.68	18	0
5	QPSK	1	12	16.79	17.07	16.73		
5	QPSK	1	24	16.66	16.77	16.63		
5	QPSK	12	0	16.76	16.98	16.77	18	0
5	QPSK	12	7	17.02	17.09	17.04		
5	QPSK	12	13	16.81	17.08	17.02		
5	QPSK	25	0	17.03	17.06	17.00		
5	16QAM	1	0	16.87	16.79	16.98	18	0
5	16QAM	1	12	16.79	17.04	16.77		
5	16QAM	1	24	16.72	16.58	16.88		
5	16QAM	12	0	17.08	16.96	16.61	18	0
5	16QAM	12	7	16.77	17.06	17.01		
5	16QAM	12	13	16.80	17.00	17.03		
5	16QAM	25	0	16.82	16.91	16.80		
5	64QAM	1	0	16.87	16.86	16.67	18	0
5	64QAM	1	12	16.73	17.09	17.01		
5	64QAM	1	24	16.93	16.74	16.73		
5	64QAM	12	0	16.84	17.05	16.71	18	0
5	64QAM	12	7	16.97	16.91	16.70		
5	64QAM	12	13	16.75	17.00	17.02		
5	64QAM	25	0	16.86	16.90	16.82		

Band 12_Ant 13

BW [MHz]	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	23.08	23.28	22.91	24	0
10	QPSK	1	25	23.21	23.31	23.03		
10	QPSK	1	49	23.10	23.12	23.00		
10	QPSK	25	0	22.02	22.13	22.00	23	1
10	QPSK	25	12	22.12	22.15	21.97		
10	QPSK	25	25	22.08	22.10	22.03		
10	QPSK	50	0	22.08	22.10	22.02		
10	16QAM	1	0	22.56	22.49	22.23	23	1
10	16QAM	1	25	22.46	22.27	22.44		
10	16QAM	1	49	22.45	22.52	22.21		
10	16QAM	25	0	21.19	21.05	20.99	22	2
10	16QAM	25	12	21.05	21.06	20.96		
10	16QAM	25	25	21.03	21.11	20.98		
10	16QAM	50	0	20.99	20.89	21.05		
10	64QAM	1	0	21.29	21.48	21.54	22	2
10	64QAM	1	25	21.09	21.25	21.59		
10	64QAM	1	49	21.21	21.50	21.51		
10	64QAM	25	0	20.03	20.04	20.03	21	3
10	64QAM	25	12	20.11	20.14	19.91		
10	64QAM	25	25	20.03	20.08	20.07		
10	64QAM	50	0	20.09	19.93	20.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.02	23.00	22.87	24	0
5	QPSK	1	12	22.87	22.99	23.15		
5	QPSK	1	24	22.91	23.00	23.10		
5	QPSK	12	0	22.01	21.93	21.90	23	1
5	QPSK	12	7	22.02	22.05	22.05		
5	QPSK	12	13	22.03	21.91	21.94		
5	QPSK	25	0	22.16	22.02	22.03		
5	16QAM	1	0	22.42	22.10	22.12	23	1
5	16QAM	1	12	22.30	22.31	22.56		
5	16QAM	1	24	22.36	22.43	22.09		
5	16QAM	12	0	20.96	20.93	21.01	22	2
5	16QAM	12	7	21.01	21.05	21.07		
5	16QAM	12	13	21.08	20.95	21.08		
5	16QAM	25	0	20.99	21.04	21.02		
5	64QAM	1	0	21.35	21.33	21.13	22	2
5	64QAM	1	12	21.10	21.24	21.09		
5	64QAM	1	24	21.39	21.37	21.53		
5	64QAM	12	0	19.91	19.85	20.00	21	3
5	64QAM	12	7	19.98	20.01	20.22		
5	64QAM	12	13	20.01	20.01	20.02		
5	64QAM	25	0	20.06	20.05	20.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.17	23.00	24	0
3	QPSK	1	8	23.21	22.93	22.96		
3	QPSK	1	14	23.06	22.85	22.98		
3	QPSK	8	0	22.06	21.99	22.01	23	1
3	QPSK	8	4	22.16	22.00	22.11		
3	QPSK	8	7	22.03	22.02	22.05		
3	QPSK	15	0	22.05	22.03	21.97		
3	16QAM	1	0	22.20	22.41	22.25	23	1
3	16QAM	1	8	22.34	22.04	22.11		
3	16QAM	1	14	22.19	22.16	22.05		
3	16QAM	8	0	21.13	21.07	20.86	22	2
3	16QAM	8	4	21.02	21.00	20.98		
3	16QAM	8	7	21.08	21.01	21.01		
3	16QAM	15	0	21.13	21.01	20.96		
3	64QAM	1	0	21.22	20.96	21.01	22	2
3	64QAM	1	8	21.25	20.90	21.04		
3	64QAM	1	14	21.33	20.94	21.04		
3	64QAM	8	0	20.06	20.08	19.91	21	3
3	64QAM	8	4	20.07	20.00	19.92		
3	64QAM	8	7	19.98	19.93	20.13		
3	64QAM	15	0	20.06	19.96	19.98		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	22.91	22.80	24	0
1.4	QPSK	1	3	22.91	23.14	23.08		
1.4	QPSK	1	5	22.88	22.86	23.17		
1.4	QPSK	3	0	22.88	23.15	23.13		
1.4	QPSK	3	1	23.11	23.03	23.11		
1.4	QPSK	3	3	23.19	23.05	22.96		
1.4	QPSK	6	0	22.03	21.87	22.17	23	1
1.4	16QAM	1	0	22.36	22.15	22.23	23	1
1.4	16QAM	1	3	22.58	22.63	22.42		
1.4	16QAM	1	5	22.36	22.49	22.29		
1.4	16QAM	3	0	21.99	21.93	21.93		
1.4	16QAM	3	1	22.04	22.07	22.06		
1.4	16QAM	3	3	22.09	22.12	22.08		
1.4	16QAM	6	0	20.99	20.98	21.10	22	2
1.4	64QAM	1	0	21.06	21.47	21.29	22	2
1.4	64QAM	1	3	21.11	21.27	21.19		
1.4	64QAM	1	5	21.07	21.43	21.40		
1.4	64QAM	3	0	21.21	20.98	21.22		
1.4	64QAM	3	1	21.17	21.23	21.23		
1.4	64QAM	3	3	21.11	20.95	21.20		
1.4	64QAM	6	0	19.96	20.03	19.93	21	3

Band 12_Ant 31

BW [MHz]	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	23.78	23.92	23.89	24.8	0
10	QPSK	1	25	23.82	23.99	23.91		
10	QPSK	1	49	23.84	23.93	23.86		
10	QPSK	25	0	22.76	22.85	22.78	23.8	1
10	QPSK	25	12	22.79	22.91	22.81		
10	QPSK	25	25	22.70	22.81	22.74		
10	QPSK	50	0	22.75	22.82	22.80		
10	16QAM	1	0	22.88	22.89	22.73	23.8	1
10	16QAM	1	25	22.52	22.80	22.82		
10	16QAM	1	49	22.53	22.91	22.93		
10	16QAM	25	0	21.72	21.88	21.73	22.8	2
10	16QAM	25	12	21.84	21.87	21.71		
10	16QAM	25	25	21.75	21.74	21.76		
10	16QAM	50	0	21.67	21.70	21.88		
10	64QAM	1	0	21.87	21.97	21.96	22.8	2
10	64QAM	1	25	21.77	21.81	21.81		
10	64QAM	1	49	21.88	21.78	21.95		
10	64QAM	25	0	20.82	20.79	20.74	21.8	3
10	64QAM	25	12	20.68	20.87	20.69		
10	64QAM	25	25	20.78	20.79	20.81		
10	64QAM	50	0	20.70	20.70	20.86		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.97	23.94	23.84	24.8	0
5	QPSK	1	12	23.90	23.97	23.91		
5	QPSK	1	24	23.76	23.87	23.93		
5	QPSK	12	0	22.85	22.75	22.82	23.8	1
5	QPSK	12	7	22.85	22.92	22.95		
5	QPSK	12	13	22.82	22.84	22.81		
5	QPSK	25	0	22.92	22.92	22.89		
5	16QAM	1	0	22.92	22.93	22.91	23.8	1
5	16QAM	1	12	22.93	22.89	22.91		
5	16QAM	1	24	22.99	22.95	22.77		
5	16QAM	12	0	21.78	21.85	21.82	22.8	2
5	16QAM	12	7	21.72	21.97	21.86		
5	16QAM	12	13	21.87	21.87	21.85		
5	16QAM	25	0	21.96	21.87	21.82		
5	64QAM	1	0	21.65	21.89	21.91	22.8	2
5	64QAM	1	12	21.93	21.99	21.91		
5	64QAM	1	24	21.80	21.88	21.97		
5	64QAM	12	0	20.92	20.93	20.98	21.8	3
5	64QAM	12	7	20.93	20.88	20.94		
5	64QAM	12	13	20.97	20.84	20.97		
5	64QAM	25	0	20.93	20.99	20.96		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.93	23.89	23.87	24.8	0
3	QPSK	1	8	23.89	23.97	23.94		
3	QPSK	1	14	23.91	23.94	23.78		
3	QPSK	8	0	22.88	22.82	22.86	23.8	1
3	QPSK	8	4	22.94	22.88	22.89		
3	QPSK	8	7	22.76	22.87	22.91		
3	QPSK	15	0	22.83	22.92	22.88		
3	16QAM	1	0	22.97	22.98	22.56	23.8	1
3	16QAM	1	8	22.98	22.78	22.67		
3	16QAM	1	14	22.86	22.93	22.68		
3	16QAM	8	0	21.83	21.97	21.94	22.8	2
3	16QAM	8	4	21.97	21.98	21.98		
3	16QAM	8	7	21.87	21.91	21.83		
3	16QAM	15	0	21.82	21.85	21.95		
3	64QAM	1	0	21.97	21.85	21.96	22.8	2
3	64QAM	1	8	21.67	21.99	21.79		
3	64QAM	1	14	21.84	21.66	21.89		
3	64QAM	8	0	20.97	20.92	20.86	21.8	3
3	64QAM	8	4	20.98	20.80	20.88		
3	64QAM	8	7	20.82	20.80	20.91		
3	64QAM	15	0	20.87	20.91	20.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.96	23.67	23.63	24.8	0
1.4	QPSK	1	3	23.70	23.76	23.67		
1.4	QPSK	1	5	23.97	23.97	23.89		
1.4	QPSK	3	0	23.80	23.86	23.90		
1.4	QPSK	3	1	23.95	23.64	23.93		
1.4	QPSK	3	3	23.94	23.97	23.93		
1.4	QPSK	6	0	22.82	22.73	22.82	23.8	1
1.4	16QAM	1	0	22.91	22.61	22.84	23.8	1
1.4	16QAM	1	3	22.77	22.86	22.95		
1.4	16QAM	1	5	22.98	22.73	22.59		
1.4	16QAM	3	0	22.63	22.58	22.53		
1.4	16QAM	3	1	22.74	22.74	22.45		
1.4	16QAM	3	3	22.75	22.30	22.49		
1.4	16QAM	6	0	21.77	21.61	21.55	22.8	2
1.4	64QAM	1	0	21.70	21.72	21.84	22.8	2
1.4	64QAM	1	3	21.69	21.84	21.60		
1.4	64QAM	1	5	21.43	21.86	21.93		
1.4	64QAM	3	0	21.68	21.68	21.76		
1.4	64QAM	3	1	21.60	21.73	21.73		
1.4	64QAM	3	3	21.60	21.44	21.85		
1.4	64QAM	6	0	20.80	20.97	20.86	21.8	3

Band 13_Ant 13

BW [MHz]	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		23.18		24	0
10	QPSK	1	25		23.21			
10	QPSK	1	49		23.16			
10	QPSK	25	0		21.88		23	1
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.75			
10	QPSK	50	0		21.86			
10	16QAM	1	0		22.15		23	1
10	16QAM	1	25		21.70			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.74		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.72			
10	16QAM	50	0		20.75			
10	64QAM	1	0		21.13		22	2
10	64QAM	1	25		20.99			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.75		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.69			
10	64QAM	50	0		19.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.64	22.71	22.83	24	0
5	QPSK	1	12	22.95	22.69	22.89		
5	QPSK	1	24	22.73	22.59	23.04		
5	QPSK	12	0	21.68	21.80	21.70	23	1
5	QPSK	12	7	21.64	21.66	21.63		
5	QPSK	12	13	21.70	21.66	21.71		
5	QPSK	25	0	21.63	21.88	21.72		
5	16QAM	1	0	21.82	21.80	21.95	23	1
5	16QAM	1	12	22.07	21.69	22.03		
5	16QAM	1	24	21.95	22.02	22.12		
5	16QAM	12	0	20.59	20.79	20.75	22	2
5	16QAM	12	7	20.72	20.68	20.76		
5	16QAM	12	13	20.71	20.70	20.71		
5	16QAM	25	0	20.56	20.79	20.74		
5	64QAM	1	0	20.87	20.73	21.19	22	2
5	64QAM	1	12	20.95	21.22	21.16		
5	64QAM	1	24	20.91	20.79	20.83		
5	64QAM	12	0	19.63	19.82	19.83	21	3
5	64QAM	12	7	19.76	19.69	19.67		
5	64QAM	12	13	19.62	19.77	19.66		
5	64QAM	25	0	19.69	19.74	19.73		

Band 13_Ant 31

BW [MHz]	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		23.17		24	0
10	QPSK	1	25		23.25			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.07		23	1
10	QPSK	25	12		22.09			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.52		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.09			
10	16QAM	25	0		21.07		22	2
10	16QAM	25	12		20.99			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.42		22	2
10	64QAM	1	25		21.06			
10	64QAM	1	49		21.41			
10	64QAM	25	0		19.98		21	3
10	64QAM	25	12		20.07			
10	64QAM	25	25		19.90			
10	64QAM	50	0		19.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.08	22.93	24	0
5	QPSK	1	12	22.86	22.79	22.71		
5	QPSK	1	24	22.91	22.98	22.83		
5	QPSK	12	0	21.84	22.02	21.88	23	1
5	QPSK	12	7	21.95	21.86	21.85		
5	QPSK	12	13	21.87	21.89	21.85		
5	QPSK	25	0	21.87	22.00	21.84		
5	16QAM	1	0	21.92	21.87	22.23	23	1
5	16QAM	1	12	22.29	22.07	21.94		
5	16QAM	1	24	21.87	22.18	22.20		
5	16QAM	12	0	20.95	21.09	20.97	22	2
5	16QAM	12	7	20.97	20.93	20.98		
5	16QAM	12	13	20.88	20.82	20.91		
5	16QAM	25	0	21.04	21.02	20.93		
5	64QAM	1	0	21.20	21.16	21.11	22	2
5	64QAM	1	12	21.00	21.29	21.14		
5	64QAM	1	24	21.09	20.87	21.34		
5	64QAM	12	0	19.98	20.00	19.89	21	3
5	64QAM	12	7	20.06	19.92	19.92		
5	64QAM	12	13	19.91	19.91	19.86		
5	64QAM	25	0	19.94	19.91	19.96		

Band 17_Ant 13

BW [MHz]	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	23.71	23.81	23.77	24.5	0
10	QPSK	1	25	23.73	23.89	23.80		
10	QPSK	1	49	23.59	23.76	23.73		
10	QPSK	25	0	22.52	22.59	22.54	23.5	1
10	QPSK	25	12	22.54	22.73	22.61		
10	QPSK	25	25	22.41	22.67	22.54		
10	QPSK	50	0	22.49	22.52	22.50		
10	16QAM	1	0	22.92	22.90	22.95	23.5	1
10	16QAM	1	25	22.88	22.96	22.80		
10	16QAM	1	49	22.62	22.86	22.76		
10	16QAM	25	0	21.50	21.30	21.53	22.5	2
10	16QAM	25	12	21.64	21.47	21.44		
10	16QAM	25	25	21.57	21.65	21.52		
10	16QAM	50	0	21.42	21.56	21.51		
10	64QAM	1	0	21.95	21.78	21.89	22.5	2
10	64QAM	1	25	21.66	21.60	21.55		
10	64QAM	1	49	21.94	21.72	21.92		
10	64QAM	25	0	20.56	20.47	20.49	21.5	3
10	64QAM	25	12	20.62	20.34	20.52		
10	64QAM	25	25	20.47	20.58	20.47		
10	64QAM	50	0	20.47	20.47	20.47		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.83	23.35	23.76	24.5	0
5	QPSK	1	12	23.60	23.65	23.76		
5	QPSK	1	24	23.66	23.51	23.48		
5	QPSK	12	0	22.51	22.50	22.52	23.5	1
5	QPSK	12	7	22.54	22.53	22.48		
5	QPSK	12	13	22.60	22.43	22.53		
5	QPSK	25	0	22.58	22.50	22.63		
5	16QAM	1	0	22.92	22.49	22.95	23.5	1
5	16QAM	1	12	22.52	22.94	22.91		
5	16QAM	1	24	22.74	22.53	22.58		
5	16QAM	12	0	21.56	21.44	21.54	22.5	2
5	16QAM	12	7	21.62	21.55	21.65		
5	16QAM	12	13	21.65	21.49	21.57		
5	16QAM	25	0	21.54	21.51	21.41		
5	64QAM	1	0	21.58	21.48	21.86	22.5	2
5	64QAM	1	12	21.56	21.58	21.46		
5	64QAM	1	24	21.96	21.93	21.66		
5	64QAM	12	0	20.50	20.52	20.55	21.5	3
5	64QAM	12	7	20.66	20.53	20.67		
5	64QAM	12	13	20.50	20.54	20.66		
5	64QAM	25	0	20.66	20.46	20.61		

Band 17_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.22	24.39	24.32	24.8	0
10	QPSK	1	25	24.31	24.42	24.39		
10	QPSK	1	49	24.27	24.34	24.30		
10	QPSK	25	0	23.23	23.41	23.30	23.8	1
10	QPSK	25	12	23.34	23.46	23.39		
10	QPSK	25	25	23.24	23.35	23.31		
10	QPSK	50	0	23.29	23.39	23.31		
10	16QAM	1	0	23.69	23.45	23.63	23.8	1
10	16QAM	1	25	23.61	23.32	23.33		
10	16QAM	1	49	23.58	23.63	23.78		
10	16QAM	25	0	22.18	22.39	22.46	22.8	2
10	16QAM	25	12	22.43	22.32	22.42		
10	16QAM	25	25	22.29	22.45	22.44		
10	16QAM	50	0	22.39	22.48	22.33		
10	64QAM	1	0	22.43	22.59	22.51	22.8	2
10	64QAM	1	25	22.57	22.36	22.41		
10	64QAM	1	49	22.58	22.43	22.60		
10	64QAM	25	0	21.31	21.43	21.34	21.8	3
10	64QAM	25	12	21.32	21.38	21.31		
10	64QAM	25	25	21.40	21.44	21.44		
10	64QAM	50	0	21.26	21.35	21.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.35	24.32	24.21	24.8	0
5	QPSK	1	12	24.18	24.21	24.33		
5	QPSK	1	24	24.31	24.33	24.35		
5	QPSK	12	0	23.26	23.29	23.33	23.8	1
5	QPSK	12	7	23.25	23.13	23.19		
5	QPSK	12	13	23.22	23.12	23.45		
5	QPSK	25	0	23.35	23.26	23.43		
5	16QAM	1	0	23.34	23.34	23.24	23.8	1
5	16QAM	1	12	23.33	23.33	23.33		
5	16QAM	1	24	23.45	23.27	23.32		
5	16QAM	12	0	22.29	22.31	22.30	22.8	2
5	16QAM	12	7	22.34	22.27	22.29		
5	16QAM	12	13	22.29	22.17	22.30		
5	16QAM	25	0	22.34	22.26	22.31		
5	64QAM	1	0	22.24	22.45	22.18	22.8	2
5	64QAM	1	12	22.38	22.43	22.43		
5	64QAM	1	24	22.13	22.57	22.18		
5	64QAM	12	0	21.17	21.25	21.33	21.8	3
5	64QAM	12	7	21.21	21.29	21.39		
5	64QAM	12	13	21.24	21.24	21.23		
5	64QAM	25	0	21.28	21.20	21.25		

Band 26_Ant 13

BW [MHz]	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	23.11	23.27	23.02	24	0
15	QPSK	1	37	23.21	23.31	23.17		
15	QPSK	1	74	23.20	23.24	23.09		
15	QPSK	36	0	22.21	22.27	22.19	23	1
15	QPSK	36	20	22.28	22.33	22.24		
15	QPSK	36	39	22.03	22.11	21.85		
15	QPSK	75	0	22.22	22.25	22.13		
15	16QAM	1	0	22.59	22.37	22.36	23	1
15	16QAM	1	37	22.44	22.42	22.32		
15	16QAM	1	74	22.74	22.51	22.29		
15	16QAM	36	0	21.32	21.26	21.35	22	2
15	16QAM	36	20	21.11	21.20	20.98		
15	16QAM	36	39	20.91	20.85	20.96		
15	16QAM	75	0	21.11	21.08	20.94		
15	64QAM	1	0	21.32	21.35	21.34	22	2
15	64QAM	1	37	21.13	21.32	20.93		
15	64QAM	1	74	21.23	21.29	21.11		
15	64QAM	36	0	20.32	20.20	20.14	21	3
15	64QAM	36	20	20.12	19.92	19.96		
15	64QAM	36	39	19.89	19.83	19.87		
15	64QAM	75	0	20.09	19.98	19.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.30	23.28	23.20	24	0
10	QPSK	1	25	23.01	23.13	23.12		
10	QPSK	1	49	23.20	23.08	23.30		
10	QPSK	25	0	22.13	21.85	21.99	23	1
10	QPSK	25	12	22.08	21.96	22.17		
10	QPSK	25	25	22.05	21.99	22.16		
10	QPSK	50	0	22.03	21.96	22.08		
10	16QAM	1	0	22.48	22.33	22.30	23	1
10	16QAM	1	25	22.13	22.31	22.63		
10	16QAM	1	49	22.47	22.43	22.52		
10	16QAM	25	0	21.14	20.96	20.95	22	2
10	16QAM	25	12	21.03	21.02	21.03		
10	16QAM	25	25	20.92	21.03	21.18		
10	16QAM	50	0	21.05	20.93	21.29		
10	64QAM	1	0	21.33	21.13	21.37	22	2
10	64QAM	1	25	21.26	21.04	20.96		
10	64QAM	1	49	21.38	21.08	21.29		
10	64QAM	25	0	19.92	19.86	20.01	21	3
10	64QAM	25	12	20.02	19.81	20.11		
10	64QAM	25	25	20.06	20.08	20.17		
10	64QAM	50	0	20.09	19.90	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	22.96	23.05	24	0
5	QPSK	1	12	22.90	22.80	22.76		
5	QPSK	1	24	22.80	23.18	22.82		
5	QPSK	12	0	21.99	21.87	22.08	23	1
5	QPSK	12	7	22.05	22.00	21.96		
5	QPSK	12	13	22.01	21.89	21.98		
5	QPSK	25	0	22.09	21.93	22.10		
5	16QAM	1	0	22.03	22.41	22.43	23	1
5	16QAM	1	12	22.13	22.06	22.33		
5	16QAM	1	24	22.40	22.20	22.16		
5	16QAM	12	0	20.99	20.86	21.14	22	2
5	16QAM	12	7	21.13	20.99	20.90		
5	16QAM	12	13	21.05	21.12	21.03		
5	16QAM	25	0	21.12	20.77	21.15		
5	64QAM	1	0	20.98	20.94	21.39	22	2
5	64QAM	1	12	21.28	21.24	21.19		
5	64QAM	1	24	21.23	20.96	21.13		
5	64QAM	12	0	20.04	19.98	20.19	21	3
5	64QAM	12	7	20.14	20.07	20.10		
5	64QAM	12	13	20.06	19.90	20.10		
5	64QAM	25	0	20.07	19.99	19.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.19	23.17	23.15	24	0
3	QPSK	1	8	22.80	22.87	22.72		
3	QPSK	1	14	22.79	22.84	23.07		
3	QPSK	8	0	21.88	21.76	21.93	23	1
3	QPSK	8	4	22.01	21.97	22.05		
3	QPSK	8	7	22.02	21.87	21.96		
3	QPSK	15	0	21.97	21.70	21.94		
3	16QAM	1	0	22.01	22.31	22.25	23	1
3	16QAM	1	8	22.29	21.93	22.30		
3	16QAM	1	14	22.10	22.16	22.34		
3	16QAM	8	0	20.96	20.80	20.95	22	2
3	16QAM	8	4	20.93	20.86	21.04		
3	16QAM	8	7	20.99	20.97	20.97		
3	16QAM	15	0	21.04	20.87	20.94		
3	64QAM	1	0	20.97	21.10	21.22	22	2
3	64QAM	1	8	21.36	21.06	20.96		
3	64QAM	1	14	21.21	20.99	21.05		
3	64QAM	8	0	19.99	19.98	20.14	21	3
3	64QAM	8	4	20.00	19.95	20.04		
3	64QAM	8	7	19.99	19.79	20.10		
3	64QAM	15	0	19.87	19.82	20.15		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.99	22.77	22.94	24	0
1.4	QPSK	1	3	23.01	22.91	22.92		
1.4	QPSK	1	5	22.87	22.86	22.96		
1.4	QPSK	3	0	23.04	22.82	23.06		
1.4	QPSK	3	1	23.13	23.07	23.14		
1.4	QPSK	3	3	23.07	23.04	23.27		
1.4	QPSK	6	0	22.03	21.75	21.95	23	1
1.4	16QAM	1	0	22.50	22.08	22.53	23	1
1.4	16QAM	1	3	22.45	22.03	22.24		
1.4	16QAM	1	5	22.50	22.07	22.30		
1.4	16QAM	3	0	22.08	21.72	22.11		
1.4	16QAM	3	1	22.01	21.82	21.89		
1.4	16QAM	3	3	21.87	21.86	22.07		
1.4	16QAM	6	0	21.15	20.88	21.09	22	2
1.4	64QAM	1	0	21.26	21.08	21.15	22	2
1.4	64QAM	1	3	21.31	21.43	21.17		
1.4	64QAM	1	5	21.42	21.33	21.03		
1.4	64QAM	3	0	21.02	21.05	21.28		
1.4	64QAM	3	1	21.49	21.03	21.22		
1.4	64QAM	3	3	21.27	21.03	21.08		
1.4	64QAM	6	0	19.94	19.89	19.98	21	3

Band 26_Ant 31

BW [MHz]	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	23.21	23.36	23.24	24	0
15	QPSK	1	37	23.33	23.42	23.40		
15	QPSK	1	74	23.20	23.31	23.29		
15	QPSK	36	0	22.21	22.28	22.27	23	1
15	QPSK	36	20	22.25	22.31	22.28		
15	QPSK	36	39	22.05	22.21	22.16		
15	QPSK	75	0	22.10	22.28	22.26		
15	16QAM	1	0	22.33	22.51	22.50	23	1
15	16QAM	1	37	22.33	22.41	22.36		
15	16QAM	1	74	22.34	22.53	22.23		
15	16QAM	36	0	21.12	20.91	21.06	22	2
15	16QAM	36	20	21.05	20.98	21.21		
15	16QAM	36	39	21.27	20.89	21.22		
15	16QAM	75	0	21.21	20.99	21.20		
15	64QAM	1	0	21.38	21.47	21.23	22	2
15	64QAM	1	37	21.37	21.25	21.29		
15	64QAM	1	74	21.46	21.07	21.34		
15	64QAM	36	0	20.04	19.94	19.98	21	3
15	64QAM	36	20	20.06	19.87	20.13		
15	64QAM	36	39	19.91	19.84	20.16		
15	64QAM	75	0	20.06	19.93	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.33	23.35	23.29	24	0
10	QPSK	1	25	23.02	23.34	23.09		
10	QPSK	1	49	23.24	23.40	23.01		
10	QPSK	25	0	22.24	22.05	22.05	23	1
10	QPSK	25	12	22.19	21.94	22.16		
10	QPSK	25	25	22.14	22.14	22.21		
10	QPSK	50	0	22.07	22.07	22.19		
10	16QAM	1	0	22.39	22.50	22.61	23	1
10	16QAM	1	25	22.42	22.55	22.34		
10	16QAM	1	49	22.32	22.64	22.25		
10	16QAM	25	0	21.24	21.06	21.13	22	2
10	16QAM	25	12	21.22	21.05	21.26		
10	16QAM	25	25	21.29	21.07	21.22		
10	16QAM	50	0	21.28	20.98	21.23		
10	64QAM	1	0	21.54	21.47	21.27	22	2
10	64QAM	1	25	21.49	21.31	21.33		
10	64QAM	1	49	21.56	21.18	21.35		
10	64QAM	25	0	20.12	20.06	20.06	21	3
10	64QAM	25	12	20.22	19.95	20.17		
10	64QAM	25	25	20.09	19.97	20.20		
10	64QAM	50	0	20.11	19.97	20.11		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.06	23.15	23.15	24	0
5	QPSK	1	12	23.02	23.21	23.01		
5	QPSK	1	24	23.13	23.21	22.84		
5	QPSK	12	0	22.06	21.99	22.05	23	1
5	QPSK	12	7	22.19	21.85	22.01		
5	QPSK	12	13	22.05	21.97	22.13		
5	QPSK	25	0	22.09	22.06	22.20		
5	16QAM	1	0	22.40	22.32	22.46	23	1
5	16QAM	1	12	22.35	22.43	22.29		
5	16QAM	1	24	22.30	22.46	22.12		
5	16QAM	12	0	21.23	20.90	20.99	22	2
5	16QAM	12	7	21.05	20.88	21.16		
5	16QAM	12	13	21.13	20.97	21.04		
5	16QAM	25	0	21.29	20.94	21.10		
5	64QAM	1	0	21.54	21.40	21.25	22	2
5	64QAM	1	12	21.50	21.28	21.35		
5	64QAM	1	24	21.55	21.19	21.37		
5	64QAM	12	0	20.01	20.03	19.89	21	3
5	64QAM	12	7	20.21	19.82	20.03		
5	64QAM	12	13	20.06	19.97	20.21		
5	64QAM	25	0	19.93	19.82	19.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.27	22.96	23.03	24	0
3	QPSK	1	8	23.15	22.92	23.00		
3	QPSK	1	14	23.10	22.99	23.05		
3	QPSK	8	0	22.26	21.92	22.07	23	1
3	QPSK	8	4	22.15	22.06	22.13		
3	QPSK	8	7	22.16	22.19	22.10		
3	QPSK	15	0	22.15	21.92	22.06		
3	16QAM	1	0	22.35	22.11	22.22	23	1
3	16QAM	1	8	22.35	22.00	22.41		
3	16QAM	1	14	22.31	22.39	22.09		
3	16QAM	8	0	21.10	21.00	21.05	22	2
3	16QAM	8	4	21.26	21.08	21.05		
3	16QAM	8	7	21.24	20.99	21.05		
3	16QAM	15	0	20.99	21.02	21.19		
3	64QAM	1	0	21.16	21.12	21.38	22	2
3	64QAM	1	8	21.00	21.45	21.19		
3	64QAM	1	14	21.11	21.26	21.37		
3	64QAM	8	0	20.09	19.98	20.09	21	3
3	64QAM	8	4	20.32	20.10	20.06		
3	64QAM	8	7	20.20	20.12	20.17		
3	64QAM	15	0	19.98	19.98	20.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.15	22.84	22.95	24	0
1.4	QPSK	1	3	23.31	23.01	23.08		
1.4	QPSK	1	5	22.94	22.86	22.95		
1.4	QPSK	3	0	23.15	22.98	23.07		
1.4	QPSK	3	1	23.18	23.03	23.04		
1.4	QPSK	3	3	23.15	22.98	23.02		
1.4	QPSK	6	0	22.09	21.90	22.00	23	1
1.4	16QAM	1	0	22.36	22.00	22.23	23	1
1.4	16QAM	1	3	22.30	22.19	22.37		
1.4	16QAM	1	5	22.45	21.96	22.21		
1.4	16QAM	3	0	22.05	21.73	22.12		
1.4	16QAM	3	1	22.20	21.92	22.11		
1.4	16QAM	3	3	22.21	21.79	22.05		
1.4	16QAM	6	0	21.29	21.09	21.18	22	2
1.4	64QAM	1	0	21.38	21.30	21.06	22	2
1.4	64QAM	1	3	21.49	21.27	21.17		
1.4	64QAM	1	5	21.38	21.28	21.31		
1.4	64QAM	3	0	21.32	21.06	20.85		
1.4	64QAM	3	1	21.31	21.16	21.27		
1.4	64QAM	3	3	21.26	21.22	21.17		
1.4	64QAM	6	0	20.06	19.83	19.98	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.08	22.87	24	0
20	QPSK	1	49	23.19	23.25	22.96		
20	QPSK	1	99	22.90	23.00	22.83		
20	QPSK	50	0	22.02	22.11	21.97	23	1
20	QPSK	50	24	22.10	22.13	22.08		
20	QPSK	50	50	22.06	21.95	21.85		
20	QPSK	100	0	21.97	22.06	21.92		
20	16QAM	1	0	22.19	22.27	22.37	23	1
20	16QAM	1	49	22.32	22.33	22.28		
20	16QAM	1	99	22.39	22.34	22.14		
20	16QAM	50	0	21.03	21.09	21.07	22	2
20	16QAM	50	24	21.10	21.11	20.95		
20	16QAM	50	50	21.07	20.99	21.00		
20	16QAM	100	0	21.11	20.96	21.03		
20	64QAM	1	0	21.13	21.01	21.19	22	2
20	64QAM	1	49	21.05	21.24	21.07		
20	64QAM	1	99	21.40	21.34	20.90		
20	64QAM	50	0	20.24	19.99	20.01	21	3
20	64QAM	50	24	20.14	20.10	20.07		
20	64QAM	50	50	20.06	20.07	20.00		
20	64QAM	100	0	20.15	20.01	19.95		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	22.93	23.02	24	0
15	QPSK	1	37	23.01	23.03	22.96		
15	QPSK	1	74	22.91	23.05	22.85		
15	QPSK	36	0	21.91	22.07	21.99	23	1
15	QPSK	36	20	22.14	22.11	21.93		
15	QPSK	36	39	22.11	21.83	21.95		
15	QPSK	75	0	22.01	21.83	22.05		
15	16QAM	1	0	22.18	22.17	22.45	23	1
15	16QAM	1	37	22.29	22.36	22.38		
15	16QAM	1	74	22.36	22.26	22.13		
15	16QAM	36	0	21.01	21.18	21.15	22	2
15	16QAM	36	20	21.20	20.93	20.94		
15	16QAM	36	39	21.05	21.02	21.01		
15	16QAM	75	0	21.26	20.94	20.92		
15	64QAM	1	0	20.96	21.03	21.24	22	2
15	64QAM	1	37	21.16	21.33	20.99		
15	64QAM	1	74	21.36	21.22	21.01		
15	64QAM	36	0	20.08	19.92	20.13	21	3
15	64QAM	36	20	20.04	19.93	19.89		
15	64QAM	36	39	20.10	20.01	20.07		
15	64QAM	75	0	20.06	20.01	19.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.05	22.91	22.91	24	0
10	QPSK	1	25	22.97	23.09	23.07		
10	QPSK	1	49	23.03	22.94	22.80		
10	QPSK	25	0	21.98	22.12	22.05	23	1
10	QPSK	25	12	22.04	21.98	22.10		
10	QPSK	25	25	22.05	21.92	22.03		
10	QPSK	50	0	22.17	21.89	21.89		
10	16QAM	1	0	22.23	22.30	22.43	23	1
10	16QAM	1	25	22.31	22.34	22.24		
10	16QAM	1	49	22.47	22.27	22.10		
10	16QAM	25	0	21.16	21.08	21.07	22	2
10	16QAM	25	12	21.20	20.92	20.96		
10	16QAM	25	25	21.06	21.05	20.90		
10	16QAM	50	0	21.19	20.98	20.90		
10	64QAM	1	0	21.10	21.12	21.21	22	2
10	64QAM	1	25	21.16	21.23	21.00		
10	64QAM	1	49	21.33	21.40	21.05		
10	64QAM	25	0	20.17	20.02	20.03	21	3
10	64QAM	25	12	20.20	20.08	19.99		
10	64QAM	25	25	20.16	20.05	20.10		
10	64QAM	50	0	20.13	20.01	19.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	22.94	22.95	24	0
5	QPSK	1	12	22.94	23.06	23.02		
5	QPSK	1	24	22.97	22.92	22.84		
5	QPSK	12	0	22.07	21.98	21.98	23	1
5	QPSK	12	7	22.13	21.95	22.08		
5	QPSK	12	13	22.13	22.02	22.03		
5	QPSK	25	0	22.14	21.92	22.02		
5	16QAM	1	0	22.13	22.26	22.33	23	1
5	16QAM	1	12	22.31	22.49	22.30		
5	16QAM	1	24	22.49	22.32	22.01		
5	16QAM	12	0	21.08	21.05	21.19	22	2
5	16QAM	12	7	21.02	21.04	21.10		
5	16QAM	12	13	20.99	20.93	20.99		
5	16QAM	25	0	21.10	21.02	21.06		
5	64QAM	1	0	21.08	21.09	21.22	22	2
5	64QAM	1	12	21.16	21.32	21.13		
5	64QAM	1	24	21.30	21.24	20.89		
5	64QAM	12	0	20.22	19.99	20.00	21	3
5	64QAM	12	7	20.12	19.91	19.92		
5	64QAM	12	13	20.09	20.08	20.11		
5	64QAM	25	0	20.12	20.06	19.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.21	22.96	23.02	24	0
3	QPSK	1	8	22.99	23.09	23.05		
3	QPSK	1	14	23.08	23.03	22.83		
3	QPSK	8	0	22.09	22.10	22.09	23	1
3	QPSK	8	4	22.15	22.13	22.11		
3	QPSK	8	7	22.11	22.01	22.01		
3	QPSK	15	0	22.15	22.01	22.06		
3	16QAM	1	0	22.24	22.30	22.51	23	1
3	16QAM	1	8	22.45	22.51	22.38		
3	16QAM	1	14	22.50	22.41	22.14		
3	16QAM	8	0	21.16	21.18	21.23	22	2
3	16QAM	8	4	21.19	21.10	21.11		
3	16QAM	8	7	21.17	21.07	21.01		
3	16QAM	15	0	21.24	21.02	21.08		
3	64QAM	1	0	21.12	21.17	21.33	22	2
3	64QAM	1	8	21.19	21.35	21.13		
3	64QAM	1	14	21.39	21.38	21.03		
3	64QAM	8	0	20.22	20.03	20.17	21	3
3	64QAM	8	4	20.21	20.08	20.05		
3	64QAM	8	7	20.24	20.08	20.09		
3	64QAM	15	0	20.17	20.14	20.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.10	23.01	22.69	24	0
1.4	QPSK	1	3	22.92	22.95	22.93		
1.4	QPSK	1	5	23.01	22.90	22.87		
1.4	QPSK	3	0	23.08	23.00	23.19		
1.4	QPSK	3	1	23.14	23.11	22.89		
1.4	QPSK	3	3	23.17	23.01	23.16		
1.4	QPSK	6	0	22.12	22.07	22.20	23	1
1.4	16QAM	1	0	22.41	22.35	22.33	23	1
1.4	16QAM	1	3	22.59	22.46	22.33		
1.4	16QAM	1	5	22.50	22.12	22.57		
1.4	16QAM	3	0	22.09	21.96	22.09		
1.4	16QAM	3	1	22.13	22.08	21.94		
1.4	16QAM	3	3	22.18	21.96	22.10		
1.4	16QAM	6	0	21.16	21.22	21.13	22	2
1.4	64QAM	1	0	21.28	21.11	21.31	22	2
1.4	64QAM	1	3	21.09	21.25	21.54		
1.4	64QAM	1	5	21.06	21.12	21.33		
1.4	64QAM	3	0	21.28	21.20	21.13		
1.4	64QAM	3	1	21.39	21.16	21.38		
1.4	64QAM	3	3	21.20	21.16	21.15		
1.4	64QAM	6	0	20.26	20.11	19.96	21	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.48	20.54	20.47	21.5	0
20	QPSK	1	49	20.57	20.64	20.54		
20	QPSK	1	99	20.19	20.41	20.18		
20	QPSK	50	0	20.43	20.61	20.21	21.5	0
20	QPSK	50	24	20.59	20.62	20.55		
20	QPSK	50	50	20.43	20.46	20.37		
20	QPSK	100	0	20.48	20.50	20.37		
20	16QAM	1	0	20.58	20.57	20.62	21.5	0
20	16QAM	1	49	20.56	20.59	20.54		
20	16QAM	1	99	20.60	20.37	20.39		
20	16QAM	50	0	20.47	20.58	20.57	21.5	0
20	16QAM	50	24	20.25	20.38	20.50		
20	16QAM	50	50	20.31	20.34	20.50		
20	16QAM	100	0	20.44	20.26	20.49		
20	64QAM	1	0	20.60	20.62	20.58	21.5	0
20	64QAM	1	49	20.59	20.39	20.60		
20	64QAM	1	99	20.51	20.40	20.55		
20	64QAM	50	0	19.95	19.97	19.83	21	0.5
20	64QAM	50	24	19.96	19.79	19.79		
20	64QAM	50	50	19.83	19.79	19.75		
20	64QAM	100	0	19.83	19.94	19.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.40	20.50	20.39	21.5	0
15	QPSK	1	37	20.53	20.55	20.45		
15	QPSK	1	74	20.08	20.39	20.11		
15	QPSK	36	0	20.34	20.51	20.19	21.5	0
15	QPSK	36	20	20.46	20.52	20.45		
15	QPSK	36	39	20.39	20.39	20.24		
15	QPSK	75	0	20.40	20.42	20.29		
15	16QAM	1	0	20.48	20.45	20.55	21.5	0
15	16QAM	1	37	20.47	20.50	20.45		
15	16QAM	1	74	20.48	20.30	20.29		
15	16QAM	36	0	20.38	20.51	20.52	21.5	0
15	16QAM	36	20	20.16	20.30	20.42		
15	16QAM	36	39	20.21	20.28	20.45		
15	16QAM	75	0	20.42	20.13	20.40		
15	64QAM	1	0	20.56	20.54	20.56	21.5	0
15	64QAM	1	37	20.53	20.27	20.50		
15	64QAM	1	74	20.46	20.31	20.51		
15	64QAM	36	0	19.92	19.90	19.78	21	0.5
15	64QAM	36	20	19.83	19.68	19.77		
15	64QAM	36	39	19.74	19.67	19.67		
15	64QAM	75	0	19.72	19.84	19.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.46	20.48	20.43	21.5	0
10	QPSK	1	25	20.53	20.58	20.52		
10	QPSK	1	49	20.06	20.39	20.16		
10	QPSK	25	0	20.41	20.52	20.19	21.5	0
10	QPSK	25	12	20.52	20.57	20.47		
10	QPSK	25	25	20.34	20.34	20.25		
10	QPSK	50	0	20.36	20.40	20.25		
10	16QAM	1	0	20.47	20.51	20.49	21.5	0
10	16QAM	1	25	20.44	20.47	20.50		
10	16QAM	1	49	20.50	20.32	20.36		
10	16QAM	25	0	20.43	20.52	20.47	21.5	0
10	16QAM	25	12	20.23	20.30	20.44		
10	16QAM	25	25	20.19	20.22	20.40		
10	16QAM	50	0	20.40	20.19	20.40		
10	64QAM	1	0	20.49	20.55	20.48	21.5	0
10	64QAM	1	25	20.52	20.34	20.52		
10	64QAM	1	49	20.42	20.37	20.52		
10	64QAM	25	0	19.83	19.91	19.72	21	0.5
10	64QAM	25	12	19.88	19.70	19.66		
10	64QAM	25	25	19.71	19.76	19.73		
10	64QAM	50	0	19.81	19.85	19.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.42	20.49	20.42	21.5	0
5	QPSK	1	12	20.46	20.54	20.43		
5	QPSK	1	24	20.12	20.31	20.11		
5	QPSK	12	0	20.34	20.58	20.10	21.5	0
5	QPSK	12	7	20.47	20.50	20.49		
5	QPSK	12	13	20.31	20.39	20.25		
5	QPSK	25	0	20.36	20.43	20.33		
5	16QAM	1	0	20.45	20.47	20.55	21.5	0
5	16QAM	1	12	20.54	20.51	20.48		
5	16QAM	1	24	20.52	20.30	20.35		
5	16QAM	12	0	20.38	20.50	20.45	21.5	0
5	16QAM	12	7	20.12	20.31	20.37		
5	16QAM	12	13	20.18	20.27	20.45		
5	16QAM	25	0	20.39	20.22	20.37		
5	64QAM	1	0	20.53	20.55	20.47	21.5	0
5	64QAM	1	12	20.56	20.32	20.57		
5	64QAM	1	24	20.40	20.28	20.46		
5	64QAM	12	0	19.91	19.88	19.79	21	0.5
5	64QAM	12	7	19.85	19.68	19.75		
5	64QAM	12	13	19.75	19.68	19.63		
5	64QAM	25	0	19.80	19.86	19.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.42	20.48	20.42	21.5	0
3	QPSK	1	8	20.48	20.57	20.49		
3	QPSK	1	14	20.10	20.32	20.13		
3	QPSK	8	0	20.31	20.51	20.16	21.5	0
3	QPSK	8	4	20.54	20.59	20.49		
3	QPSK	8	7	20.31	20.42	20.33		
3	QPSK	15	0	20.39	20.47	20.25		
3	16QAM	1	0	20.54	20.52	20.52	21.5	0
3	16QAM	1	8	20.50	20.46	20.52		
3	16QAM	1	14	20.56	20.30	20.26		
3	16QAM	8	0	20.42	20.53	20.52	21.5	0
3	16QAM	8	4	20.19	20.27	20.41		
3	16QAM	8	7	20.27	20.32	20.38		
3	16QAM	15	0	20.37	20.15	20.41		
3	64QAM	1	0	20.54	20.54	20.53	21.5	0
3	64QAM	1	8	20.56	20.29	20.54		
3	64QAM	1	14	20.47	20.31	20.51		
3	64QAM	8	0	19.86	19.93	19.72	21	0.5
3	64QAM	8	4	19.87	19.75	19.68		
3	64QAM	8	7	19.75	19.76	19.67		
3	64QAM	15	0	19.75	19.84	19.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.41	20.52	20.45	21.5	0
1.4	QPSK	1	3	20.47	20.62	20.49		
1.4	QPSK	1	5	20.13	20.33	20.05		
1.4	QPSK	3	0	20.32	20.53	20.14		
1.4	QPSK	3	1	20.54	20.53	20.42		
1.4	QPSK	3	3	20.40	20.39	20.28		
1.4	QPSK	6	0	20.45	20

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BW [MHz]	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	23.19	23.21	23.11	24	0
20	QPSK	1	49	23.39	23.43	23.34		
20	QPSK	1	99	23.29	23.39	23.24		
20	QPSK	50	0	22.31	22.26	22.39	23	1
20	QPSK	50	24	22.36	22.46	22.31		
20	QPSK	50	50	22.41	22.43	22.27		
20	QPSK	100	0	22.37	22.43	22.31		
20	16QAM	1	0	22.50	22.32	22.17	23	1
20	16QAM	1	49	22.54	22.41	22.51		
20	16QAM	1	99	22.54	22.45	22.54		
20	16QAM	50	0	21.40	21.20	21.38	22	2
20	16QAM	50	24	21.50	21.35	21.41		
20	16QAM	50	50	21.64	21.46	21.47		
20	16QAM	100	0	21.60	21.37	21.38		
20	64QAM	1	0	21.08	21.21	21.06	22	2
20	64QAM	1	49	21.37	21.13	21.10		
20	64QAM	1	99	21.32	21.18	21.11		
20	64QAM	50	0	20.40	20.23	20.34	21	3
20	64QAM	50	24	20.46	20.35	20.42		
20	64QAM	50	50	20.65	20.42	20.43		
20	64QAM	100	0	20.52	20.30	20.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.18	23.16	23.07	24	0
15	QPSK	1	37	23.35	23.32	23.20		
15	QPSK	1	74	23.13	23.10	23.42		
15	QPSK	36	0	22.33	22.24	22.28	23	1
15	QPSK	36	20	22.19	22.42	22.22		
15	QPSK	36	39	22.40	22.39	22.13		
15	QPSK	75	0	22.23	22.43	22.30		
15	16QAM	1	0	22.36	22.22	22.05	23	1
15	16QAM	1	37	22.40	22.26	22.33		
15	16QAM	1	74	22.52	22.30	22.50		
15	16QAM	36	0	21.31	21.14	21.33	22	2
15	16QAM	36	20	21.49	21.29	21.31		
15	16QAM	36	39	21.40	21.36	21.37		
15	16QAM	75	0	21.61	21.28	21.22		
15	64QAM	1	0	20.90	21.13	20.95	22	2
15	64QAM	1	37	21.19	20.98	21.12		
15	64QAM	1	74	21.29	21.07	20.97		
15	64QAM	36	0	20.31	20.15	20.26	21	3
15	64QAM	36	20	20.42	20.28	20.38		
15	64QAM	36	39	20.56	20.32	20.28		
15	64QAM	75	0	20.44	20.28	20.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.04	23.09	23.04	24	0
10	QPSK	1	25	23.21	23.29	23.29		
10	QPSK	1	49	23.31	23.09	23.42		
10	QPSK	25	0	22.22	22.21	22.38	23	1
10	QPSK	25	12	22.25	22.48	22.30		
10	QPSK	25	25	22.30	22.27	22.15		
10	QPSK	50	0	22.21	22.37	22.32		
10	16QAM	1	0	22.50	22.17	22.03	23	1
10	16QAM	1	25	22.50	22.34	22.37		
10	16QAM	1	49	22.51	22.27	22.50		
10	16QAM	25	0	21.41	21.18	21.29	22	2
10	16QAM	25	12	21.40	21.28	21.39		
10	16QAM	25	25	21.52	21.38	21.44		
10	16QAM	50	0	21.51	21.26	21.25		
10	64QAM	1	0	20.90	21.10	21.05	22	2
10	64QAM	1	25	21.32	21.08	21.10		
10	64QAM	1	49	21.23	21.08	21.03		
10	64QAM	25	0	20.40	20.20	20.33	21	3
10	64QAM	25	12	20.46	20.25	20.31		
10	64QAM	25	25	20.52	20.38	20.33		
10	64QAM	50	0	20.53	20.20	20.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.10	23.05	23.05	24	0
5	QPSK	1	12	23.26	23.36	23.28		
5	QPSK	1	24	23.30	23.13	23.41		
5	QPSK	12	0	22.21	22.18	22.30	23	1
5	QPSK	12	7	22.33	22.35	22.29		
5	QPSK	12	13	22.37	22.43	22.23		
5	QPSK	25	0	22.34	22.32	22.13		
5	16QAM	1	0	22.41	22.31	22.15	23	1
5	16QAM	1	12	22.45	22.35	22.42		
5	16QAM	1	24	22.48	22.34	22.40		
5	16QAM	12	0	21.32	21.22	21.25	22	2
5	16QAM	12	7	21.35	21.27	21.25		
5	16QAM	12	13	21.58	21.34	21.43		
5	16QAM	25	0	21.56	21.24	21.36		
5	64QAM	1	0	21.01	21.14	20.89	22	2
5	64QAM	1	12	21.21	21.14	21.06		
5	64QAM	1	24	21.20	21.19	21.08		
5	64QAM	12	0	20.25	20.14	20.30	21	3
5	64QAM	12	7	20.42	20.21	20.32		
5	64QAM	12	13	20.51	20.28	20.37		
5	64QAM	25	0	20.46	20.22	20.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.99	19.08	19.08	20	0
20	QPSK	1	49	19.11	19.21	19.10		
20	QPSK	1	99	19.03	19.12	19.07		
20	QPSK	50	0	19.03	19.16	19.12	20	0
20	QPSK	50	24	19.16	19.18	19.10		
20	QPSK	50	50	19.10	19.11	19.15		
20	QPSK	100	0	19.05	19.16	19.12		
20	16QAM	1	0	19.18	19.19	19.14	20	0
20	16QAM	1	49	19.19	19.14	19.19		
20	16QAM	1	99	19.18	19.13	19.17		
20	16QAM	50	0	19.07	19.14	19.19	20	0
20	16QAM	50	24	19.09	19.07	19.13		
20	16QAM	50	50	19.02	19.18	19.12		
20	16QAM	100	0	19.01	19.15	19.15		
20	64QAM	1	0	19.00	18.90	18.81	20	0
20	64QAM	1	49	18.94	18.92	18.88		
20	64QAM	1	99	19.01	18.63	18.91		
20	64QAM	50	0	19.07	19.01	19.14	20	0
20	64QAM	50	24	19.13	19.14	19.11		
20	64QAM	50	50	19.07	19.15	19.12		
20	64QAM	100	0	19.16	18.98	19.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.97	19.04	19.02	20	0
15	QPSK	1	37	19.03	19.16	19.07		
15	QPSK	1	74	19.01	19.03	18.94		
15	QPSK	36	0	19.00	19.06	19.08	20	0
15	QPSK	36	20	19.04	19.06	19.08		
15	QPSK	36	39	19.05	18.98	19.13		
15	QPSK	75	0	19.02	19.14	19.02		
15	16QAM	1	0	19.14	19.07	19.10	20	0
15	16QAM	1	37	19.06	19.02	19.12		
15	16QAM	1	74	19.06	19.04	19.15		
15	16QAM	36	0	18.95	19.05	19.12	20	0
15	16QAM	36	20	19.07	18.97	19.02		
15	16QAM	36	39	18.89	19.12	19.09		
15	16QAM	75	0	18.93	19.10	19.12		
15	64QAM	1	0	18.95	18.79	18.73	20	0
15	64QAM	1	37	18.84	18.89	18.85		
15	64QAM	1	74	18.92	18.50	18.89		
15	64QAM	36	0	18.95	18.93	19.01	20	0
15	64QAM	36	20	19.06	19.11	19.04		
15	64QAM	36	39	19.03	19.13	19.06		
15	64QAM	75	0	19.05	18.85	19.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.94	19.02	19.00	20	0
10	QPSK	1	25	19.07	19.19	19.07		
10	QPSK	1	49	19.01	19.06	19.00		
10	QPSK	25	0	18.98	19.08	19.08	20	0
10	QPSK	25	12	19.08	19.08	19.05		
10	QPSK	25	25	19.02	19.02	19.12		
10	QPSK	50	0	19.00	19.06	19.07		
10	16QAM	1	0	19.14	19.13	19.10	20	0
10	16QAM	1	25	19.06	19.02	19.12		
10	16QAM	1	49	19.11	19.09	19.04		
10	16QAM	25	0	19.05	19.03	19.14	20	0
10	16QAM	25	12	18.98	18.99	19.02		
10	16QAM	25	25	18.99	19.05	19.03		
10	16QAM	50	0	18.96	19.09	19.11		
10	64QAM	1	0	18.97	18.87	18.76	20	0
10	64QAM	1	25	18.85	18.82	18.84		
10	64QAM	1	49	18.98	18.50	18.89		
10	64QAM	25	0	18.95	18.93	19.12	20	0
10	64QAM	25	12	19.06	19.08	19.08		
10	64QAM	25	25	18.98	19.13	19.01		
10	64QAM	50	0	19.08	18.91	18.97		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.91	19.05	19.03	20	0
5	QPSK	1	12	19.09	19.15	18.99		
5	QPSK	1	24	18.94	19.07	19.00		
5	QPSK	12	0	18.97	19.13	19.10	20	0
5	QPSK	12	7	19.04	19.05	19.07		
5	QPSK	12	13	19.05	19.02	19.05		
5	QPSK	25	0	18.92	19.11	19.09		
5	16QAM	1	0	19.10	19.13	19.03	20	0
5	16QAM	1	12	19.07	19.12	19.09		
5	16QAM	1	24	19.14	19.08	19.07		
5	16QAM	12	0	18.95	19.02	19.11	20	0
5	16QAM	12	7	19.03	18.97	19.04		
5	16QAM	12	13	18.93	19.06	19.00		
5	16QAM	25	0	18.94	19.04	19.06		
5	64QAM	1	0	18.89	18.77	18.70	20	0
5	64QAM	1	12	18.88	18.83	18.86		
5	64QAM	1	24	18.93	18.56	18.80		
5	64QAM	12	0	19.05	18.95	19.10	20	0
5	64QAM	12	7	19.07	19.03	19.04		
5	64QAM	12	13	18.97	19.12	19.02		
5	64QAM	25	0	19.14	18.95	18.97		

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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	23.12	23.18	23.16	23.30	23.21	24	0
20	QPSK	1	49	23.19	23.33	23.25	23.51	23.32		
20	QPSK	1	99	23.10	23.17	23.18	23.21	23.19		
20	QPSK	50	0	22.08	22.22	22.17	22.33	22.23	23	1
20	QPSK	50	24	22.07	22.26	22.21	22.38	22.31		
20	QPSK	50	50	22.08	22.18	22.15	22.28	22.19		
20	QPSK	100	0	21.98	22.18	22.11	22.29	22.22		
20	16QAM	1	0	21.98	21.95	22.21	22.08	22.26	23	1
20	16QAM	1	49	22.23	22.40	22.30	22.20	22.30		
20	16QAM	1	99	22.02	21.94	21.94	21.93	22.06		
20	16QAM	50	0	21.07	21.21	21.06	21.06	21.15	22	2
20	16QAM	50	24	21.16	21.25	21.18	21.10	21.38		
20	16QAM	50	50	21.10	21.10	21.14	20.95	21.05		
20	16QAM	100	0	21.09	21.18	21.11	21.37	21.24		
20	64QAM	1	0	20.76	20.89	20.68	20.74	20.77	22	2
20	64QAM	1	49	21.08	21.15	20.87	20.91	21.13		
20	64QAM	1	99	20.77	20.87	20.79	20.73	20.71		
20	64QAM	50	0	20.14	20.15	20.03	20.33	20.10	21	3
20	64QAM	50	24	20.15	20.22	20.14	20.48	20.12		
20	64QAM	50	50	20.17	20.15	20.09	20.02	20.14		
20	64QAM	100	0	20.09	20.14	20.21	20.33	20.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.04	23.01	23.14	23.17	23.07	24.00	0
15	QPSK	1	37	23.20	23.28	23.09	23.36	23.34		
15	QPSK	1	74	22.94	23.12	23.18	23.09	23.04		
15	QPSK	36	0	22.05	22.04	21.99	22.29	22.10	23	1
15	QPSK	36	20	22.05	22.23	22.03	22.34	22.24		
15	QPSK	36	39	22.05	22.09	22.06	22.11	22.08		
15	QPSK	75	0	21.86	22.09	22.13	22.31	22.11		
15	16QAM	1	0	21.83	21.92	22.09	22.01	22.27	23	1
15	16QAM	1	37	22.25	22.24	22.12	22.13	22.30		
15	16QAM	1	74	21.94	21.89	21.88	21.93	21.89		
15	16QAM	36	0	20.90	21.12	21.01	21.05	21.14	22	2
15	16QAM	36	20	21.01	21.24	21.10	20.95	21.31		
15	16QAM	36	39	21.04	20.98	21.09	20.83	20.91		
15	16QAM	75	0	21.10	21.07	20.97	21.20	21.13		
15	64QAM	1	0	20.58	20.76	20.52	20.57	20.76	22	2
15	64QAM	1	37	20.95	20.87	20.88	20.79	20.84		
15	64QAM	1	74	20.66	20.89	20.69	20.68	20.60		
15	64QAM	36	0	20.15	20.15	19.86	20.21	20.02	21	3
15	64QAM	36	20	20.00	20.14	20.10	20.33	20.04		
15	64QAM	36	39	20.05	20.09	19.96	19.90	19.96		
15	64QAM	75	0	20.10	19.98	20.20	20.34	20.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	23.20	23.10	23.13	23.21	24.00	0
10	QPSK	1	25	23.02	23.28	23.16	23.43	23.14		
10	QPSK	1	49	22.98	23.12	23.14	23.20	23.01		
10	QPSK	25	0	22.01	22.10	22.19	22.19	22.07	23	1
10	QPSK	25	12	22.01	22.18	22.03	22.26	22.28		
10	QPSK	25	25	21.99	22.01	22.16	22.20	22.17		
10	QPSK	50	0	21.84	22.06	21.94	22.17	22.09		
10	16QAM	1	0	21.82	21.78	22.21	22.05	22.20	23	1
10	16QAM	1	25	22.08	22.10	22.18	22.20	22.22		
10	16QAM	1	49	21.88	21.88	21.96	21.93	21.94		
10	16QAM	25	0	20.99	21.06	21.01	20.96	21.14	22	2
10	16QAM	25	12	21.16	21.20	21.13	21.07	21.25		
10	16QAM	25	25	20.99	21.06	21.16	20.92	20.99		
10	16QAM	50	0	21.06	21.08	20.99	21.34	21.13		
10	64QAM	1	0	20.76	20.76	20.69	20.64	20.65	22	2
10	64QAM	1	25	20.91	21.06	20.70	20.82	21.08		
10	64QAM	1	49	20.76	20.87	20.71	20.64	20.71		
10	64QAM	25	0	19.97	20.00	19.88	20.23	19.94	21	3
10	64QAM	25	12	20.11	20.12	20.09	20.31	19.95		
10	64QAM	25	25	20.17	20.17	20.05	19.95	20.01		
10	64QAM	50	0	19.98	20.11	20.17	20.21	20.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.02	23.15	23.17	23.23	23.17	24.00	0
5	QPSK	1	12	23.12	23.25	23.22	23.38	23.26		
5	QPSK	1	24	23.10	23.15	23.02	23.15	23.06		
5	QPSK	12	0	22.06	22.09	22.01	22.26	22.21	23	1
5	QPSK	12	7	21.97	22.09	22.23	22.39	22.13		
5	QPSK	12	13	22.00	22.14	22.03	22.13	22.16		
5	QPSK	25	0	21.93	22.06	22.12	22.18	22.23		
5	16QAM	1	0	21.87	21.91	22.11	21.95	22.17	23	1
5	16QAM	1	12	22.17	22.12	22.17	22.18	22.20		
5	16QAM	1	24	21.87	21.82	21.77	21.84	21.95		
5	16QAM	12	0	21.03	21.19	21.03	21.05	21.15	22	2
5	16QAM	12	7	21.09	21.19	21.11	21.08	21.25		
5	16QAM	12	13	21.11	21.06	21.12	20.87	20.94		
5	16QAM	25	0	20.92	21.08	21.11	21.27	21.19		
5	64QAM	1	0	20.72	20.89	20.66	20.73	20.63	22	2
5	64QAM	1	12	20.95	20.89	20.70	20.74	21.04		
5	64QAM	1	24	20.63	20.74	20.62	20.61	20.68		
5	64QAM	12	0	20.13	20.04	19.90	20.35	20.10	21	3
5	64QAM	12	7	20.17	20.22	20.08	20.40	20.04		
5	64QAM	12	13	20.13	20.08	20.08	19.99	20.11		
5	64QAM	25	0	20.06	20.14	20.08	20.27	19.97		

Band 41_Ant 31

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	22.17	22.32	22.45	22.53	22.35	23.5	0
20	QPSK	1	49	22.42	22.54	22.59	22.65	22.54		
20	QPSK	1	99	22.30	22.39	22.49	22.60	22.39		
20	QPSK	50	0	21.76	21.77	21.87	21.95	21.89	23	0.5
20	QPSK	50	24	21.77	21.75	21.96	22.06	21.94		
20	QPSK	50	50	21.80	21.80	21.92	21.89	21.96		
20	QPSK	100	0	21.78	21.82	21.83	22.01	21.77		
20	16QAM	1	0	21.60	21.54	21.44	21.78	21.63	23	0.5
20	16QAM	1	49	21.89	21.98	21.84	21.73	21.88		
20	16QAM	1	99	21.94	21.88	21.74	21.55	21.80		
20	16QAM	50	0	20.77	20.86	20.69	20.61	20.85	22	1.5
20	16QAM	50	24	20.78	20.94	20.84	20.75	20.83		
20	16QAM	50	50	20.82	20.89	20.72	20.68	20.75		
20	16QAM	100	0	20.81	20.94	20.78	20.68	20.86		
20	64QAM	1	0	20.43	20.76	20.41	20.58	20.57	22	1.5
20	64QAM	1	49	20.49	20.79	20.78	20.65	20.75		
20	64QAM	1	99	20.42	20.65	20.72	20.64	20.79		
20	64QAM	50	0	19.57	19.80	19.75	19.82	19.79	21	2.5
20	64QAM	50	24	19.81	19.97	19.81	19.72	19.99		
20	64QAM	50	50	19.88	19.83	19.71	19.59	19.65		
20	64QAM	100	0	19.75	19.87	19.66	19.81	19.68		
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	22.06	22.19	22.43	22.42	22.30	23.50	0
15	QPSK	1	37	22.38	22.46	22.52	22.52	22.44		
15	QPSK	1	74	22.26	22.32	22.47	22.47	22.35		
15	QPSK	36	0	21.73	21.74	21.75	21.91	21.78	23	0.5
15	QPSK	36	20	21.66	21.64	21.88	22.02	21.82		
15	QPSK	36	39	21.77	21.69	21.86	21.77	21.94		
15	QPSK	75	0	21.70	21.74	21.71	21.99	21.75		
15	16QAM	1	0	21.55	21.50	21.40	21.74	21.51	23	0.5
15	16QAM	1	37	21.86	21.89	21.78	21.66	21.79		
15	16QAM	1	74	21.89	21.81	21.64	21.50	21.75		
15	16QAM	36	0	20.75	20.76	20.66	20.50	20.81	22	1.5
15	16QAM	36	20	20.68	20.86	20.72	20.66	20.78		
15	16QAM	36	39	20.78	20.85	20.64	20.64	20.64		
15	16QAM	75	0	20.74	20.92	20.75	20.66	20.75		
15	64QAM	1	0	20.36	20.72	20.30	20.47	20.50	22	1.5
15	64QAM	1	37	20.41	20.68	20.66	20.59	20.64		
15	64QAM	1	74	20.38	20.60	20.69	20.61	20.75		
15	64QAM	36	0	19.48	19.70	19.62	19.69	19.77	21	2.5
15	64QAM	36	20	19.75	19.94	19.68	19.60	19.91		
15	64QAM	36	39	19.79	19.78	19.68	19.48	19.52		
15	64QAM	75	0	19.65	19.76	19.62	19.68	19.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.09	22.30	22.36	22.49	22.26	23.50	0
10	QPSK	1	25	22.35	22.49	22.46	22.61	22.46		
10	QPSK	1	49	22.17	22.34	22.47	22.57	22.31		
10	QPSK	25	0	21.72	21.74	21.75	21.92	21.78	23	0.5
10	QPSK	25	12	21.66	21.67	21.88	21.99	21.84		
10	QPSK	25	25	21.74	21.75	21.88	21.86	21.92		
10	QPSK	50	0	21.75	21.72	21.80	21.97	21.74		
10	16QAM	1	0	21.58	21.51	21.41	21.70	21.54	23	0.5
10	16QAM	1	25	21.80	21.94	21.76	21.68	21.76		
10	16QAM	1	49	21.86	21.83	21.63	21.46	21.72		
10	16QAM	25	0	20.67	20.76	20.60	20.53	20.83	22	1.5
10	16QAM	25	12	20.74	20.87	20.76	20.66	20.73		
10	16QAM	25	25	20.74	20.81	20.61	20.66	20.62		
10	16QAM	50	0	20.79	20.85	20.76	20.58	20.82		
10	64QAM	1	0	20.32	20.65	20.39	20.48	20.50	22	1.5
10	64QAM	1	25	20.36	20.77	20.70	20.55	20.64		
10	64QAM	1	49	20.37	20.62	20.63	20.62	20.69		
10	64QAM	25	0	19.46	19.70	19.71	19.80	19.71	21	2.5
10	64QAM	25	12	19.69	19.91	19.70	19.59	19.86		
10	64QAM	25	25	19.82	19.75	19.62	19.55	19.57		
10	64QAM	50	0	19.66	19.79	19.59	19.74	19.55		
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	22.13	22.25	22.34	22.45	22.24	23.50	0
5	QPSK	1	12	22.32	22.50	22.52	22.60	22.50		
5	QPSK	1	24	22.18	22.30	22.41	22.51	22.33		
5	QPSK	12	0	21.67	21.75	21.85	21.82	21.77	23	0.5
5	QPSK	12	7	21.71	21.73	21.86	22.04	21.92		
5	QPSK	12	13	21.74	21.68	21.85	21.83	21.90		
5	QPSK	25	0	21.67	21.73	21.79	21.89	21.68		
5	16QAM	1	0	21.57	21.51	21.42	21.67	21.61	23	0.5
5	16QAM	1	12	21.84	21.90	21.80	21.66	21.79		
5	16QAM	1	24	21.85	21.86	21.66	21.43	21.73		
5	16QAM	12	0	20.70	20.82	20.67	20.55	20.80	22	1.5
5	16QAM	12	7	20.71	20.86	20.75	20.71	20.73		
5	16QAM	12	13	20.80	20.77	20.68	20.65	20.66		
5	16QAM	25	0	20.75	20.86	20.73	20.61	20.77		
5	64QAM	1	0	20.30	20.70	20.32	20.56	20.53	22	1.5
5	64QAM	1	12	20.37	20.71	20.70	20.55	20.71		
5	64QAM	1	24	20.39	20.54	20.66	20.60	20.73		
5	64QAM	12	0	19.53	19.71	19.63	19.75	19.70	21	2.5
5	64QAM	12	7	19.73	19.94	19.68	19.64	19.94		
5	64QAM	12	13	19.78	19.81	19.61	19.55	19.55		
5	64QAM	25	0	19.68	19.78	19.59	19.79	19.58		

UL CA Power

CA_7C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Default Power	23.22	24.00
21100	20902	QPSK	1	49	0	0	1	0	Default Power	23.31	24.00
21350	21152	QPSK	1	49	0	0	1	0	Default Power	23.26	24.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 4	18.19	19.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 4	18.32	19.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 4	18.26	19.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 5	17.21	18.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 5	17.29	18.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 5	17.27	18.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 6	17.21	18.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 6	17.29	18.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 6	17.27	18.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 7	23.22	24.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 7	23.31	24.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 7	23.26	24.00

CA_7C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Default Power	23.04	24.00
21100	20902	QPSK	1	49	0	0	1	0	Default Power	23.06	24.00
21350	21152	QPSK	1	49	0	0	1	0	Default Power	23.01	24.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 2	23.04	24.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 2	23.06	24.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 2	23.01	24.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	23.04	24.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 3	23.06	24.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	23.01	24.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	16.83	18.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 4	16.94	18.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	16.80	18.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 5	15.94	17.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 5	16.04	17.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 5	15.86	17.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 6	15.94	17.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 6	16.04	17.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 6	15.86	17.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 7	16.83	18.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 7	16.94	18.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 7	16.80	18.00

CA_41C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	49	0	0	1	0	Default Power	22.94	24.00
40185	39987	QPSK	1	49	0	0	1	0	Default Power	22.87	24.00
40620	40422	QPSK	1	49	0	0	1	0	Default Power	22.85	24.00
41055	40857	QPSK	1	49	0	0	1	0	Default Power	22.82	24.00
41490	41292	QPSK	1	49	0	0	1	0	Default Power	22.83	24.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 4	20.47	21.50
40185	39987	QPSK	1	49	0	0	1	0	DSI 4	20.41	21.50
40620	40422	QPSK	1	49	0	0	1	0	DSI 4	20.32	21.50
41055	40857	QPSK	1	49	0	0	1	0	DSI 4	20.20	21.50
41490	41292	QPSK	1	49	0	0	1	0	DSI 4	20.40	21.50
39750	39948	QPSK	1	49	0	0	1	0	DSI 5	19.98	21.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 5	19.93	21.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 5	19.80	21.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 5	19.85	21.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 5	19.92	21.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 6	19.98	21.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 6	19.93	21.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 6	19.80	21.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 6	19.85	21.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 6	19.92	21.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 7	22.94	24.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 7	22.87	24.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 7	22.85	24.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 7	22.82	24.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 7	22.83	24.00

CA_41C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	49	0	0	1	0	Default Power	22.81	24.00
40185	39987	QPSK	1	49	0	0	1	0	Default Power	22.64	24.00
40620	40422	QPSK	1	49	0	0	1	0	Default Power	22.8	24.00
41055	40857	QPSK	1	49	0	0	1	0	Default Power	22.66	24.00
41490	41292	QPSK	1	49	0	0	1	0	Default Power	22.73	24.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 2	22.81	24.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 2	22.64	24.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 2	22.8	24.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 2	22.66	24.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 2	22.73	24.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 3	22.81	24.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 3	22.64	24.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 3	22.8	24.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 3	22.66	24.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 3	22.73	24.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 4	22.44	23.50
40185	39987	QPSK	1	49	0	0	1	0	DSI 4	22.24	23.50
40620	40422	QPSK	1	49	0	0	1	0	DSI 4	22.36	23.50
41055	40857	QPSK	1	49	0	0	1	0	DSI 4	22.31	23.50
41490	41292	QPSK	1	49	0	0	1	0	DSI 4	22.29	23.50
39750	39948	QPSK	1	49	0	0	1	0	DSI 5	21.92	23.00
40185	39987	QPSK	1	49	0	0	1	0	DSI 5	21.59	23.00
40620	40422	QPSK	1	49	0	0	1	0	DSI 5	21.83	23.00
41055	40857	QPSK	1	49	0	0	1	0	DSI 5	21.69	23.00
41490	41292	QPSK	1	49	0	0	1	0	DSI 5	21.73	23.00
39750	39948	QPSK	50	24	0	0	1	0	DSI 6	21.92	23.00
40185	39987	QPSK	50	24	0	0	1	0	DSI 6	21.59	23.00
40620	40422	QPSK	50	24	0	0	1	0	DSI 6	21.83	23.00
41055	40857	QPSK	50	24	0	0	1	0	DSI 6	21.69	23.00
41490	41292	QPSK	50	24	0	0	1	0	DSI 6	21.73	23.00
39750	39948	QPSK	1	49	0	0	1	0	DSI 7	22.44	23.50
40185	39987	QPSK	1	49	0	0	1	0	DSI 7	22.24	23.50
40620	40422	QPSK	1	49	0	0	1	0	DSI 7	22.36	23.50
41055	40857	QPSK	1	49	0	0	1	0	DSI 7	22.31	23.50
41490	41292	QPSK	1	49	0	0	1	0	DSI 7	22.29	23.50

DL CA Power

Full Power
2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	23.08	23.36
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 5	10M	881.5	2525	22.76	22.97
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	22.72	22.97
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	22.94	23.12
		CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 66	20M	2155	66886	22.87	23.12
Intra-Band	Contiguous	CA_7C	Band 7	20M	2535	21100	QPSK	1	49	Band 7	20M	2674.80	3298	23.12	23.47
		CA_38C	Band 38	20M	2580	37850	QPSK	1	49	Band 38	20M	2599.80	38048	23.20	23.39
		CA_41C	Band 41	20M	2636.5	41055	QPSK	1	49	Band 41	20M	2656.30	41253	23.16	23.51
		CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	23.01	23.25
	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 4	5M	2152.50	2375	22.74	22.97
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	49	Band 7	5M	2687.50	3425	23.18	23.47
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2121.80	66554	22.94	23.25
		CA_41A-41A	Band 41	20M	2636.5	41055	QPSK	1	49	Band 41	5M	2498.50	39675	23.12	23.51

Full Power for WLAN

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.00	20.00	98.60
		6	2437	19.00	20.00	
		11	2462	19.10	20.00	
	802.11g 6Mbps	1	2412	18.00	19.00	98.25
		6	2437	17.70	19.00	
		11	2462	15.80	17.00	
	802.11n-HT20 MCS0	1	2412	16.70	17.50	98.12
		6	2437	17.10	18.00	
		11	2462	14.70	15.50	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.53	20.00	98.11
		40	5200	19.50	20.00	
		44	5220	19.40	20.00	
		48	5240	19.19	20.00	
	802.11n-HT20 MCS0	36	5180	19.14	19.50	97.97
		40	5200	19.00	19.50	
		44	5220	18.85	19.50	
		48	5240	18.65	19.50	
	802.11n-HT40 MCS0	38	5190	16.92	17.50	96.24
		46	5230	17.61	18.50	
	802.11ac-VHT20 MCS0	36	5180	18.74	19.00	98.12
		40	5200	18.62	19.00	
		44	5220	18.38	19.00	
		48	5240	18.18	19.00	
	802.11ac-VHT40 MCS0	38	5190	16.87	17.50	96.24
		46	5230	17.12	18.00	
	802.11ac-VHT80 MCS0	42	5210	15.34	16.50	92.63

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.21	20.00	98.11
		56	5280	19.25	20.00	
		60	5300	19.27	20.00	
		64	5320	19.41	20.00	
	802.11n-HT20 MCS0	52	5260	18.69	19.50	97.97
		56	5280	18.68	19.50	
		60	5300	18.72	19.50	
		64	5320	18.82	19.50	
	802.11n-HT40 MCS0	54	5270	17.49	18.50	96.24
		62	5310	16.15	17.00	
	802.11ac-VHT20 MCS0	52	5260	18.20	19.00	98.12
		56	5280	18.25	19.00	
		60	5300	18.27	19.00	
		64	5320	18.33	19.00	
	802.11ac-VHT40 MCS0	54	5270	17.02	18.00	96.24
		62	5310	16.08	17.00	
	802.11ac-VHT80 MCS0	58	5290	14.89	16.00	92.63

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.29	20.00	98.11
		116	5580	19.28	20.00	
		124	5620	19.23	20.00	
		132	5660	19.26	20.00	
		140	5700	18.98	20.00	
		144	5720	18.99	20.00	
	802.11n-HT20 MCS0	100	5500	18.81	19.50	97.97
		116	5580	18.75	19.50	
		124	5620	18.55	19.50	
		132	5660	18.63	19.50	
		140	5700	18.52	19.50	
		144	5720	18.54	19.50	
	802.11n-HT40 MCS0	102	5510	17.13	18.00	96.24
		110	5550	17.63	18.50	
		126	5630	17.48	18.50	
		134	5670	17.47	18.50	
		142	5710	17.46	18.50	
	802.11ac-VHT20 MCS0	100	5500	18.36	19.00	98.12
		116	5580	18.34	19.00	
		124	5620	18.31	19.00	
		132	5660	18.22	19.00	
		140	5700	18.15	19.00	
		144	5720	18.18	19.00	
	802.11ac-VHT40 MCS0	102	5510	17.10	18.00	96.24
		110	5550	17.05	18.00	
		126	5630	17.02	18.00	
		134	5670	17.06	18.00	
		142	5710	17.04	18.00	
	802.11ac-VHT80 MCS0	106	5530	15.08	16.50	92.63
		122	5610	16.23	17.50	
		138	5690	16.42	17.50	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.28	20.00	98.11
		157	5785	19.26	20.00	
		165	5825	19.30	20.00	
	802.11n-HT20 MCS0	149	5745	18.67	19.50	97.97
		157	5785	18.71	19.50	
		165	5825	18.76	19.50	
	802.11n-HT40 MCS0	151	5755	17.36	18.50	96.24
		159	5795	17.70	18.50	
	802.11ac-VHT20 MCS0	149	5745	18.21	19.00	98.12
		157	5785	18.30	19.00	
		165	5825	18.38	19.00	
	802.11ac-VHT40 MCS0	151	5755	16.88	18.00	96.24
		159	5795	17.20	18.00	
	802.11ac-VHT80 MCS0	155	5775	16.41	17.50	92.63

Reduced Power for Receiver On

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.10	18.00	98.60
		6	2437	17.00	18.00	
		11	2462	17.20	18.00	
	802.11g 6Mbps	1	2412	Not Required	18.00	98.25
		6	2437		18.00	
		11	2462		17.00	
	802.11n-HT20 MCS0	1	2412		17.50	98.12
		6	2437		18.00	
		11	2462		15.50	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	98.11
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.97
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	98.12
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210	14.39	15.50	92.63

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	15.50	98.11
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT20 MCS0	52	5260		15.50	97.97
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT40 MCS0	54	5270		15.50	96.24
		62	5310		15.50	
	802.11ac-VHT20 MCS0	52	5260		15.50	98.12
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11ac-VHT40 MCS0	54	5270		15.50	96.24
		62	5310		15.50	
	802.11ac-VHT80 MCS0	58	5290	14.25	15.50	92.63

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	15.50	98.11
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11n-HT20 MCS0	100	5500		15.50	97.97
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11n-HT40 MCS0	102	5510		15.50	96.24
		110	5550		15.50	
		126	5630		15.50	
		134	5670		15.50	
		142	5710		15.50	
	802.11ac-VHT20 MCS0	100	5500		15.50	98.12
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11ac-VHT40 MCS0	102	5510		15.50	96.24
		110	5550		15.50	
		126	5630		15.50	
		134	5670		15.50	
		142	5710		15.50	
	802.11ac-VHT80 MCS0	106	5530		15.50	92.63
		122	5610		15.50	
		138	5690	14.44	15.50	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	15.50	98.11
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT20 MCS0	149	5745		15.50	97.97
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT20 MCS0	149	5745		15.50	98.12
		157	5785		15.50	
		165	5825		15.50	
	802.11ac-VHT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT80 MCS0	155	5775	14.35	15.50	92.63

Standalone Power for Body

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.00	20.00	98.60
		6	2437	19.00	20.00	
		11	2462	19.10	20.00	
	802.11g 6Mbps	1	2412	18.00	19.00	98.25
		6	2437	17.70	19.00	
		11	2462	15.80	17.00	
	802.11n-HT20 MCS0	1	2412	16.70	17.50	98.12
		6	2437	17.10	18.00	
		11	2462	14.70	15.50	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.44	19.00	98.11
		40	5200	18.41	19.00	
		44	5220	18.26	19.00	
		48	5240	18.11	19.00	
	802.11n-HT20 MCS0	36	5180	Not Required	19.00	97.97
		40	5200		19.00	
		44	5220		19.00	
		48	5240		19.00	
	802.11n-HT40 MCS0	38	5190		17.50	96.24
		46	5230		18.50	
	802.11ac-VHT20 MCS0	36	5180		19.00	98.12
		40	5200		19.00	
		44	5220		19.00	
		48	5240		19.00	
	802.11ac-VHT40 MCS0	38	5190		17.50	96.24
		46	5230		18.00	
	802.11ac-VHT80 MCS0	42	5210		16.50	92.63

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.26	19.00	98.11
		56	5280	18.22	19.00	
		60	5300	18.21	19.00	
		64	5320	18.31	19.00	
	802.11n-HT20 MCS0	52	5260	Not Required	19.00	97.97
		56	5280		19.00	
		60	5300		19.00	
		64	5320		19.00	
	802.11n-HT40 MCS0	54	5270		18.50	96.24
		62	5310		17.00	
	802.11ac-VHT20 MCS0	52	5260		19.00	98.12
		56	5280		19.00	
		60	5300		19.00	
		64	5320		19.00	
	802.11ac-VHT40 MCS0	54	5270		18.00	96.24
		62	5310		17.00	
	802.11ac-VHT80 MCS0	58	5290		16.00	92.63

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.23	19.00	98.11
		116	5580	18.20	19.00	
		124	5620	18.18	19.00	
		132	5660	18.22	19.00	
		140	5700	18.02	19.00	
		144	5720	18.05	19.00	
	802.11n-HT20 MCS0	100	5500	Not Required	19.00	97.97
		116	5580		19.00	
		124	5620		19.00	
		132	5660		19.00	
		140	5700		19.00	
		144	5720		19.00	
	802.11n-HT40 MCS0	102	5510		18.00	96.24
		110	5550		18.50	
		126	5630		18.50	
		134	5670		18.50	
		142	5710		18.50	
	802.11ac-VHT20 MCS0	100	5500		19.00	98.12
		116	5580		19.00	
		124	5620		19.00	
		132	5660		19.00	
		140	5700		19.00	
		144	5720		19.00	
	802.11ac-VHT40 MCS0	102	5510		18.00	96.24
		110	5550		18.00	
		126	5630		18.00	
		134	5670		18.00	
		142	5710		18.00	
	802.11ac-VHT80 MCS0	106	5530		16.50	92.63
		122	5610		17.50	
		138	5690		17.50	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	16.00	98.11
		157	5785		16.00	
		165	5825		16.00	
	802.11n-HT20 MCS0	149	5745		16.00	97.97
		157	5785		16.00	
		165	5825		16.00	
	802.11n-HT40 MCS0	151	5755		16.00	96.24
		159	5795		16.00	
	802.11ac-VHT20 MCS0	149	5745		16.00	98.12
		157	5785		16.00	
		165	5825		16.00	
	802.11ac-VHT40 MCS0	151	5755		16.00	96.24
		159	5795		16.00	
	802.11ac-VHT80 MCS0	155	5775	14.88	16.00	92.63

Simultaneous Power for Body

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.00	20.00	98.60
		6	2437	19.00	20.00	
		11	2462	19.10	20.00	
	802.11g 6Mbps	1	2412	18.00	19.00	98.25
		6	2437	17.70	19.00	
		11	2462	15.80	17.00	
	802.11n-HT20 MCS0	1	2412	16.70	17.50	98.12
		6	2437	17.10	18.00	
		11	2462	14.70	15.50	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	98.11
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.97
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	98.12
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210	14.39	15.50	92.63

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	15.50	98.11
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT20 MCS0	52	5260		15.50	97.97
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT40 MCS0	54	5270		15.50	96.24
		62	5310		15.50	
	802.11ac-VHT20 MCS0	52	5260		15.50	98.12
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11ac-VHT40 MCS0	54	5270		15.50	96.24
		62	5310		15.50	
	802.11ac-VHT80 MCS0	58	5290	14.25	15.50	92.63

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	15.50	98.11
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11n-HT20 MCS0	100	5500		15.50	97.97
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11n-HT40 MCS0	102	5510		15.50	96.24
		110	5550		15.50	
		126	5630		15.50	
		134	5670		15.50	
		142	5710		15.50	
	802.11ac-VHT20 MCS0	100	5500		15.50	98.12
		116	5580		15.50	
		124	5620		15.50	
		132	5660		15.50	
		140	5700		15.50	
		144	5720		15.50	
	802.11ac-VHT40 MCS0	102	5510		15.50	96.24
		110	5550		15.50	
		126	5630		15.50	
		134	5670		15.50	
		142	5710		15.50	
	802.11ac-VHT80 MCS0	106	5530		15.50	92.63
		122	5610		15.50	
		138	5690	14.44	15.50	

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	15.50	98.11
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT20 MCS0	149	5745		15.50	97.97
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT20 MCS0	149	5745		15.50	98.12
		157	5785		15.50	
		165	5825		15.50	
	802.11ac-VHT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT80 MCS0	155	5775	14.35	15.50	92.63

Reduced Power for Hotspot

2.4GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.00	20.00	98.60
		6	2437	19.00	20.00	
		11	2462	19.10	20.00	
	802.11g 6Mbps	1	2412	18.00	19.00	98.25
		6	2437	17.70	19.00	
		11	2462	15.80	17.00	
	802.11n-HT20 MCS0	1	2412	16.70	17.50	98.12
		6	2437	17.10	18.00	
		11	2462	14.70	15.50	

5.2GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	98.11
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.97
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	98.12
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		15.50	96.24
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210	14.39	15.50	92.63

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	15.50	98.11
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT20 MCS0	149	5745		15.50	97.97
		157	5785		15.50	
		165	5825		15.50	
	802.11n-HT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT20 MCS0	149	5745		15.50	98.12
		157	5785		15.50	
		165	5825		15.50	
	802.11ac-VHT40 MCS0	151	5755		15.50	96.24
		159	5795		15.50	
	802.11ac-VHT80 MCS0	155	5775	14.35	15.50	92.63

Conducted Power for Bluetooth

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.70	10.70	10.80	8.50	8.50	8.60	8.50	8.50	8.60	12
	CH 39	2441	11.10	11.10	11.20	9.00	9.00	9.10	8.90	8.90	9.00	
	CH 78	2480	9.90	9.90	10.00	8.00	8.00	8.10	8.00	8.10	8.20	

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	5.90
	CH 19	2440	6.60
	CH 39	2480	6.00
Tune-up Limit			7.5