Full/Default Power

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	32.33	32.36	32.30	33.50	23.33	23.36	23.30	24.50
GPRS 1 Tx slot	32.31	32.35	32.28	33.50	23.31	23.35	23.28	24.50
GPRS 2 Tx slots	30.58	30.66	30.63	31.50	24.58	24.66	24.63	25.50
GPRS 3 Tx slots	28.73	28.82	28.80	29.50	24.47	24.56	24.54	25.24
GPRS 4 Tx slots	27.15	27.25	27.23	28.00	24.15	24.25	24.23	25.00
EDGE(GMSK 1 Tx slot)	32.10	32.13	32.18	33.50	23.10	23.13	23.18	24.50
EDGE(GMSK 2 Tx slots)	30.55	30.56	30.66	31.50	24.55	24.56	24.66	25.50
EDGE(GMSK 3 Tx slots)	28.61	28.69	28.73	29.50	24.35	24.43	24.47	25.24
EDGE(GMSK 4 Tx slots)	27.03	27.03	27.17	28.00	24.03	24.03	24.17	25.00
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.57	24.68	24.45	25.50	18.57	18.68	18.45	19.50
EDGE 3 Tx slots	22.52	22.43	22.26	23.50	18.26	18.17	18.00	19.24
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	19.00

GSM850_Ant 41	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	32.35	32.26	32.35	33.50	23.35	23.26	23.35	24.50
GPRS 1 Tx slot	32.33	32.23	32.32	33.50	23.33	23.23	23.32	24.50
GPRS 2 Tx slots	30.59	30.64	30.62	31.50	24.59	24.64	24.62	25.50
GPRS 3 Tx slots	28.64	28.70	28.66	29.50	24.38	24.44	24.40	25.24
GPRS 4 Tx slots	27.14	27.24	27.18	28.00	24.14	24.24	24.18	25.00
EDGE(GMSK 1 Tx slot)	32.24	32.18	32.16	33.50	23.24	23.18	23.16	24.50
EDGE(GMSK 2 Tx slots)	30.57	30.53	30.56	31.50	24.57	24.53	24.56	25.50
EDGE(GMSK 3 Tx slots)	28.58	28.62	28.61	29.50	24.32	24.36	24.35	25.24
EDGE(GMSK 4 Tx slots)	27.07	27.19	27.13	28.00	24.07	24.19	24.13	25.00
EDGE 1 Tx slot	26.85	26.84	26.61	27.50	17.85	17.84	17.61	18.50
EDGE 2 Tx slots	24.57	24.75	24.62	25.50	18.57	18.75	18.62	19.50
EDGE 3 Tx slots	22.48	22.54	22.31	23.50	18.22	18.28	18.05	19.24
EDGE 4 Tx slots	20.97	20.99	20.76	22.00	17.97	17.99	17.76	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	28.93	29.10	28.98	30.50	19.93	20.10	19.98	21.50
GPRS 1 Tx slot	28.90	29.07	28.96	30.50	19.90	20.07	19.96	21.50
GPRS 2 Tx slots	27.62	27.64	27.45	28.50	21.62	21.64	21.45	22.50
GPRS 3 Tx slots	25.58	25.62	25.41	26.50	21.32	21.36	21.15	22.24
GPRS 4 Tx slots	24.14	24.16	23.91	25.00	21.14	21.16	20.91	22.00
EDGE(GMSK 1 Tx slot)	29.08	29.06	28.99	30.50	20.06	20.06	19.99	21.50
EDGE(GMSK 2 Tx slots)	27.85	27.79	27.62	28.50	21.85	21.79	21.62	22.50
EDGE(GMSK 3 Tx slots)	25.97	25.88	25.67	26.50	21.71	21.62	21.41	22.24
EDGE(GMSK 4 Tx slots)	24.50	24.44	24.20	25.00	21.50	21.44	21.20	22.00
EDGE 1 Tx slot	26.41	26.32	26.25	26.50	17.41	17.32	17.25	17.50
EDGE 2 Tx slots	24.47	24.21	24.15	24.50	18.47	18.21	18.15	18.50
EDGE 3 Tx slots	22.33	22.04	21.84	22.50	18.07	17.78	17.58	18.24
EDGE 4 Tx slots	20.27	20.22	19.92	21.00	17.27	17.22	16.92	18.00

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	29.76	29.75	29.60	30.50	20.76	20.75	20.60	21.50
GPRS 1 Tx slot	29.73	29.73	29.58	30.50	20.73	20.73	20.58	21.50
GPRS 2 Tx slots	28.01	28.05	27.99	28.50	22.01	22.05	21.99	22.50
GPRS 3 Tx slots	26.03	26.08	25.86	26.50	21.77	21.82	21.60	22.24
GPRS 4 Tx slots	24.44	24.52	24.37	25.00	21.44	21.52	21.37	22.00
EDGE(GMSK 1 Tx slot)	29.62	29.62	29.53	30.50	20.62	20.62	20.53	21.50
EDGE(GMSK 2 Tx slots)	27.94	28.02	27.88	28.50	21.94	22.02	21.88	22.50
EDGE(GMSK 3 Tx slots)	26.00	26.05	25.83	26.50	21.74	21.79	21.57	22.24
EDGE(GMSK 4 Tx slots)	24.48	24.51	24.37	25.00	21.48	21.51	21.37	22.00
EDGE 1 Tx slot	26.40	26.41	26.39	26.50	17.40	17.41	17.39	17.50
EDGE 2 Tx slots	24.45	24.46	24.45	24.50	18.45	18.46	18.45	18.50
EDGE 3 Tx slots	22.47	22.25	22.11	22.50	18.21	17.99	17.85	18.24
EDGE 4 Tx slots	20.73	20.58	20.57	21.00	17.73	17.58	17.57	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.43	22.51	22.50	23.80	23.23	23.25	23.18	24.20
3GPP Rel 99	RMC 12.2Kbps	22.46	22.53	22.52	23.80	23.26	23.27	23.20	24.20
3GPP Rel 6	HSDPA Subtest-1	21.70	21.72	21.65	22.80	22.29	22.28	22.21	23.20
3GPP Rel 6	HSDPA Subtest-2	21.69	21.72	21.57	22.80	22.25	22.29	22.19	23.20
3GPP Rel 6	HSDPA Subtest-3	21.23	21.22	21.07	22.30	21.82	21.84	21.73	22.70
3GPP Rel 6	HSDPA Subtest-4	21.18	21.20	21.07	22.30	21.75	21.78	21.69	22.70
3GPP Rel 6	HSUPA Subtest-1	20.61	20.49	20.50	20.80	20.99	20.91	20.93	21.20
3GPP Rel 6	HSUPA Subtest-2	20.64	20.50	20.46	20.80	20.98	20.93	20.93	21.20
3GPP Rel 6	HSUPA Subtest-3	21.67	21.54	21.54	21.80	22.06	21.94	21.97	22.20
3GPP Rel 6	HSUPA Subtest-4	20.17	20.09	20.01	20.30	20.57	20.47	20.51	21.20
3GPP Rel 6	HSUPA Subtest-5	21.60	21.70	21.50	21.80	22.00	21.90	21.90	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.43	20.32	20.35	20.80	20.85	20.82	20.81	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.37	22.60	22.50	23.80	22.95	23.10	23.07	24.20
3GPP Rel 99	RMC 12.2Kbps	22.38	22.63	22.60	23.80	22.97	23.11	23.10	24.20
3GPP Rel 6	HSDPA Subtest-1	21.68	21.88	21.80	22.80	21.82	22.02	21.97	23.20
3GPP Rel 6	HSDPA Subtest-2	21.70	21.90	21.78	22.80	21.81	22.00	21.93	23.20
3GPP Rel 6	HSDPA Subtest-3	21.23	21.40	21.31	22.30	21.35	21.55	21.47	22.70
3GPP Rel 6	HSDPA Subtest-4	21.25	21.32	21.29	22.30	21.32	21.51	21.41	22.70
3GPP Rel 6	HSUPA Subtest-1	20.58	20.61	20.60	20.80	20.76	20.83	20.96	21.20
3GPP Rel 6	HSUPA Subtest-2	20.50	20.63	20.62	20.80	20.68	20.84	20.96	21.20
3GPP Rel 6	HSUPA Subtest-3	21.57	21.64	21.69	21.80	21.75	21.83	21.98	22.20
3GPP Rel 6	HSUPA Subtest-4	20.06	20.17	20.30	20.30	20.29	20.35	20.49	21.20
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.70	21.80	21.70	21.80	22.00	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.42	20.45	20.40	20.80	20.62	20.71	20.74	21.20

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.92	22.95	22.85	24.00	23.02	23.07	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	22.94	22.97	22.87	24.00	23.04	23.09	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	21.96	21.90	23.00	22.00	22.10	21.89	23.00
3GPP Rel 6	HSDPA Subtest-2	21.94	21.96	21.64	23.00	22.02	22.05	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	21.46	21.53	21.41	22.50	21.54	21.61	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.47	21.36	22.50	21.53	21.57	21.48	22.50
3GPP Rel 6	HSUPA Subtest-1	20.63	20.78	20.72	21.00	20.77	20.84	20.77	21.00
3GPP Rel 6	HSUPA Subtest-2	20.75	20.78	20.73	21.00	20.74	20.84	20.76	21.00
3GPP Rel 6	HSUPA Subtest-3	21.72	21.75	21.77	22.00	21.81	21.89	21.80	22.00
3GPP Rel 6	HSUPA Subtest-4	20.33	20.36	20.26	20.50	20.31	20.38	20.28	20.50
3GPP Rel 6	HSUPA Subtest-5	21.70	21.80	21.70	22.00	21.70	21.80	21.80	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.55	20.68	20.62	21.00	20.63	20.70	20.65	21.00

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	22.44	22.39	22.29	23.5	0
20	QPSK	1	49	22.46	22.53	22.38		
20	QPSK	1	99	22.33	22.24	22.29		
20	QPSK	50	0	21.45	21.51	21.39	22.5	1
20	QPSK	50	24	21.46	21.52	21.41		
20	QPSK	50	50	21.39	21.35	21.38		
20	QPSK	100	0	21.34	21.47	21.36		
20	16QAM	1	0	21.65	21.63	21.53	22.5	1
20	16QAM	1	49	21.73	21.70	21.60		
20	16QAM	1	99	21.57	21.46	21.46		
20	16QAM	50	0	20.41	20.45	20.39	21.5	2
20	16QAM	50	24	20.49	20.44	20.41		
20	16QAM	50	50	20.36	20.32	20.36		
20	16QAM	100	0	20.38	20.37	20.38		
20	64QAM	1	0	20.51	20.49	20.38	21.5	2
20	64QAM	1	49	20.61	20.58	20.47		
20	64QAM	1	99	20.43	20.34	20.34		
20	64QAM	50	0	19.38	19.44	19.39	20.5	3
20	64QAM	50	24	19.48	19.40	19.38		
20	64QAM	50	50	19.33	19.30	19.31		
20	64QAM	100	0	19.36	19.35	19.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.96	21.96	22.08	23.5	0
15	QPSK	1	37	21.98	22.15	22.20		
15	QPSK	1	74	21.96	22.05	22.20		
15	QPSK	36	0	21.00	20.99	21.05	22.5	1
15	QPSK	36	20	20.97	21.01	21.04		
15	QPSK	36	39	20.98	20.96	21.07		
15	QPSK	75	0	20.96	20.97	21.07		
15	16QAM	1	0	21.37	21.55	21.17	22.5	1
15	16QAM	1	37	21.44	21.53	21.52		
15	16QAM	1	74	21.35	21.35	21.43		
15	16QAM	36	0	19.94	20.04	20.07	21.5	2
15	16QAM	36	20	20.01	20.02	20.11		
15	16QAM	36	39	19.87	20.03	20.12		
15	16QAM	75	0	19.97	19.95	20.01		
15	64QAM	1	0	20.27	20.22	19.97	21.5	2
15	64QAM	1	37	20.36	20.30	20.08		
15	64QAM	1	74	20.22	19.70	19.98		
15	64QAM	36	0	19.01	19.01	18.96	20.5	3
15	64QAM	36	20	19.05	19.09	19.04		
15	64QAM	36	39	18.91	19.00	19.05		
15	64QAM	75	0	18.95	18.99	19.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.01	21.95	22.10	23.5	0
10	QPSK	1	25	22.00	22.01	22.22		
10	QPSK	1	49	22.00	21.93	22.19		
10	QPSK	25	0	21.01	21.02	21.11	22.5	1
10	QPSK	25	12	21.07	21.04	21.13		
10	QPSK	25	25	21.01	20.94	21.11		
10	QPSK	50	0	21.04	20.99	21.04		
10	16QAM	1	0	21.27	21.21	21.49	22.5	1
10	16QAM	1	25	21.24	21.37	21.48		
10	16QAM	1	49	21.24	21.23	21.39		
10	16QAM	25	0	20.05	19.98	20.07	21.5	2
10	16QAM	25	12	20.07	20.01	20.09		
10	16QAM	25	25	20.04	19.97	20.06		
10	16QAM	50	0	20.03	20.00	19.99		
10	64QAM	1	0	20.06	20.06	20.34	21.5	2
10	64QAM	1	25	20.01	20.09	20.37		
10	64QAM	1	49	19.95	19.98	20.24		
10	64QAM	25	0	19.05	18.97	19.02	20.5	3
10	64QAM	25	12	18.96	18.92	19.05		
10	64QAM	25	25	18.86	18.94	19.07		
10	64QAM	50	0	18.97	18.93	19.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.09	22.01	22.16	23.5	0
5	QPSK	1	12	22.17	22.05	22.08		
5	QPSK	1	24	21.99	21.99	22.14		
5	QPSK	12	0	21.03	21.04	21.11	22.5	1
5	QPSK	12	7	21.04	21.01	21.12		
5	QPSK	12	13	21.00	20.98	21.08		
5	QPSK	25	0	21.03	21.05	21.16		
5	16QAM	1	0	21.10	21.06	21.15	22.5	1
5	16QAM	1	12	21.01	21.08	21.26		
5	16QAM	1	24	20.89	21.01	21.13		
5	16QAM	12	0	20.08	19.99	20.08	21.5	2
5	16QAM	12	7	19.99	19.96	20.12		
5	16QAM	12	13	19.91	19.91	20.06		
5	16QAM	25	0	19.97	20.03	20.06		
5	64QAM	1	0	20.12	19.94	20.32	21.5	2
5	64QAM	1	12	20.27	20.03	20.34		
5	64QAM	1	24	20.00	19.99	20.31		
5	64QAM	12	0	18.94	18.92	19.12	20.5	3
5	64QAM	12	7	18.90	19.00	19.15		
5	64QAM	12	13	18.91	18.89	19.12		
5	64QAM	25	0	18.96	19.01	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.12	21.95	22.09	23.5	0
3	QPSK	1	8	22.03	22.00	22.09		
3	QPSK	1	14	21.97	21.97	22.05		
3	QPSK	8	0	21.01	21.02	21.08	22.5	1
3	QPSK	8	4	21.03	21.00	21.14		
3	QPSK	8	7	20.99	20.98	21.07		
3	QPSK	15	0	21.02	20.97	21.12		
3	16QAM	1	0	21.23	21.22	21.30	22.5	1
3	16QAM	1	8	21.33	21.18	21.37		
3	16QAM	1	14	21.14	21.18	21.34		
3	16QAM	8	0	20.09	20.08	20.03	21.5	2
3	16QAM	8	4	20.09	19.97	20.02		
3	16QAM	8	7	20.00	20.00	20.01		
3	16QAM	15	0	20.02	19.97	20.11		
3	64QAM	1	0	20.05	20.05	20.28	21.5	2
3	64QAM	1	8	20.05	20.05	20.34		
3	64QAM	1	14	19.96	19.99	20.33		
3	64QAM	8	0	18.95	18.91	19.12	20.5	3
3	64QAM	8	4	18.95	18.96	19.03		
3	64QAM	8	7	18.96	18.94	19.12		
3	64QAM	15	0	19.02	18.85	19.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.90	21.90	21.97	23.5	0
1.4	QPSK	1	3	21.88	21.94	21.97		
1.4	QPSK	1	5	21.89	21.90	22.00		
1.4	QPSK	3	0	22.00	22.01	22.14		
1.4	QPSK	3	1	22.03	22.03	22.14		
1.4	QPSK	3	3	21.98	21.99	22.17		
1.4	QPSK	6	0	21.08	21.07	21.19	22.5	1
1.4	16QAM	1	0	20.90	20.92	21.07	22.5	1
1.4	16QAM	1	3	20.89	21.04	21.11		
1.4	16QAM	1	5	20.92	21.03	21.08		
1.4	16QAM	3	0	21.15	20.91	21.18		
1.4	16QAM	3	1	21.09	20.88	21.22		
1.4	16QAM	3	3	21.07	21.02	21.20		
1.4	16QAM	6	0	20.05	20.09	20.21	21.5	2
1.4	64QAM	1	0	20.32	20.03	20.29	21.5	2
1.4	64QAM	1	3	20.29	19.91	20.38		
1.4	64QAM	1	5	20.26	20.04	20.34		
1.4	64QAM	3	0	20.10	20.04	20.11		
1.4	64QAM	3	1	20.33	20.03	20.15		
1.4	64QAM	3	3	20.28	19.99	20.16		
1.4	64QAM	6	0	19.00	18.92	19.01	20.5	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	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	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	21.86	22.02	21.96	23.5	0
20	QPSK	1	49	22.02	22.11	22.18		
20	QPSK	1	99	21.90	22.02	21.95		
20	QPSK	50	0	21.07	21.14	20.99	22.5	1
20	QPSK	50	24	21.09	21.17	21.19		
20	QPSK	50	50	21.05	21.13	21.07		
20	QPSK	100	0	21.05	21.11	21.13		
20	16QAM	1	0	21.07	21.25	21.22	22.5	1
20	16QAM	1	49	21.33	21.42	21.38		
20	16QAM	1	99	21.19	21.24	21.17		
20	16QAM	50	0	20.08	20.22	19.98	21.5	2
20	16QAM	50	24	20.04	20.14	20.06		
20	16QAM	50	50	20.04	20.16	20.04		
20	16QAM	100	0	20.06	20.16	19.99		
20	64QAM	1	0	19.96	20.17	20.06	21.5	2
20	64QAM	1	49	20.18	20.33	20.25		
20	64QAM	1	99	20.03	20.18	20.04		
20	64QAM	50	0	19.23	19.33	19.08	20.5	3
20	64QAM	50	24	19.21	19.33	19.24		
20	64QAM	50	50	19.21	19.11	19.20		
20	64QAM	100	0	19.17	19.26	19.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.63	21.82	21.92	23.5	0
15	QPSK	1	37	21.80	21.96	22.02		
15	QPSK	1	74	21.69	21.80	21.87		
15	QPSK	36	0	20.67	20.85	20.96	22.5	1
15	QPSK	36	20	20.74	20.89	20.93		
15	QPSK	36	39	20.74	20.86	20.96		
15	QPSK	75	0	20.75	20.89	20.94		
15	16QAM	1	0	20.82	21.05	21.14	22.5	1
15	16QAM	1	37	21.00	21.15	21.22		
15	16QAM	1	74	20.90	21.01	21.07		
15	16QAM	36	0	19.66	19.81	19.91	21.5	2
15	16QAM	36	20	19.76	19.88	19.95		
15	16QAM	36	39	19.74	19.88	19.88		
15	16QAM	75	0	19.69	19.86	19.95		
15	64QAM	1	0	19.74	19.89	20.01	21.5	2
15	64QAM	1	37	19.95	20.06	20.13		
15	64QAM	1	74	19.79	19.87	19.99		
15	64QAM	36	0	18.91	18.97	19.08	20.5	3
15	64QAM	36	20	18.91	19.03	18.98		
15	64QAM	36	39	18.91	18.99	18.89		
15	64QAM	75	0	18.83	18.99	18.91		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.69	21.89	21.94	23.5	0
10	QPSK	1	25	21.80	21.95	22.04		
10	QPSK	1	49	21.77	21.83	21.94		
10	QPSK	25	0	20.70	20.90	21.00	22.5	1
10	QPSK	25	12	20.76	20.87	21.00		
10	QPSK	25	25	20.74	20.91	21.00		
10	QPSK	50	0	20.79	20.93	21.04		
10	16QAM	1	0	20.85	21.14	21.17	22.5	1
10	16QAM	1	25	21.00	21.17	21.24		
10	16QAM	1	49	20.99	21.04	21.15		
10	16QAM	25	0	19.69	19.88	19.99	21.5	2
10	16QAM	25	12	19.75	19.85	19.98		
10	16QAM	25	25	19.77	19.87	19.98		
10	16QAM	50	0	19.72	19.87	19.99		
10	64QAM	1	0	19.76	20.03	20.04	21.5	2
10	64QAM	1	25	19.88	20.04	20.12		
10	64QAM	1	49	19.90	19.92	20.02		
10	64QAM	25	0	18.87	19.02	18.97	20.5	3
10	64QAM	25	12	18.88	19.03	18.95		
10	64QAM	25	25	18.91	19.03	18.97		
10	64QAM	50	0	18.87	19.06	18.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.69	21.94	22.03	23.5	0
5	QPSK	1	12	21.76	21.95	22.03		
5	QPSK	1	24	21.75	21.89	22.01		
5	QPSK	12	0	20.68	20.90	21.01	22.5	1
5	QPSK	12	7	20.69	20.88	21.01		
5	QPSK	12	13	20.64	20.85	20.96		
5	QPSK	25	0	20.67	20.92	21.01		
5	16QAM	1	0	20.88	21.17	21.23	22.5	1
5	16QAM	1	12	20.96	21.19	21.20		
5	16QAM	1	24	20.97	21.12	21.17		
5	16QAM	12	0	19.65	19.88	19.97	21.5	2
5	16QAM	12	7	19.67	19.87	20.00		
5	16QAM	12	13	19.62	19.84	19.95		
5	16QAM	25	0	19.65	19.91	19.99		
5	64QAM	1	0	19.76	20.01	20.13	21.5	2
5	64QAM	1	12	19.84	20.03	20.14		
5	64QAM	1	24	19.83	19.99	20.06		
5	64QAM	12	0	18.88	19.06	18.98	20.5	3
5	64QAM	12	7	18.87	19.03	18.99		
5	64QAM	12	13	18.80	19.01	18.94		
5	64QAM	25	0	18.80	19.03	18.95		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.65	21.87	21.97	23.5	0
3	QPSK	1	8	21.68	21.89	21.99		
3	QPSK	1	14	21.68	21.86	21.97		
3	QPSK	8	0	20.65	20.90	20.99	22.5	1
3	QPSK	8	4	20.64	20.86	20.99		
3	QPSK	8	7	20.62	20.84	20.96		
3	QPSK	15	0	20.64	20.85	20.99		
3	16QAM	1	0	20.83	21.10	21.19	22.5	1
3	16QAM	1	8	20.87	21.12	21.17		
3	16QAM	1	14	20.86	21.09	21.14		
3	16QAM	8	0	19.70	19.95	20.04	21.5	2
3	16QAM	8	4	19.72	19.91	20.06		
3	16QAM	8	7	19.68	19.89	20.03		
3	16QAM	15	0	19.66	19.87	20.00		
3	64QAM	1	0	19.74	19.98	20.07	21.5	2
3	64QAM	1	8	19.78	20.01	20.12		
3	64QAM	1	14	19.79	20.00	20.08		
3	64QAM	8	0	18.82	19.08	18.99	20.5	3
3	64QAM	8	4	18.84	19.03	19.00		
3	64QAM	8	7	18.80	19.01	18.98		
3	64QAM	15	0	18.77	18.99	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.64	21.89	22.00	23.5	0
1.4	QPSK	1	3	21.65	21.91	22.03		
1.4	QPSK	1	5	21.65	21.89	22.01		
1.4	QPSK	3	0	21.67	21.91	22.01		
1.4	QPSK	3	1	21.67	21.93	22.03		
1.4	QPSK	3	3	21.67	21.88	22.02		
1.4	QPSK	6	0	20.66	20.91	21.01	22.5	1
1.4	16QAM	1	0	20.85	21.15	21.23	22.5	1
1.4	16QAM	1	3	20.87	21.17	21.23		
1.4	16QAM	1	5	20.84	21.16	21.23		
1.4	16QAM	3	0	20.68	20.90	21.01		
1.4	16QAM	3	1	20.69	20.90	21.01		
1.4	16QAM	3	3	20.67	20.86	20.99		
1.4	16QAM	6	0	19.69	19.95	20.05	21.5	2
1.4	64QAM	1	0	19.77	19.97	20.08	21.5	2
1.4	64QAM	1	3	19.73	19.99	20.09		
1.4	64QAM	1	5	19.72	19.99	20.08		
1.4	64QAM	3	0	19.72	19.99	20.08		
1.4	64QAM	3	1	19.76	19.98	20.08		
1.4	64QAM	3	3	19.75	19.95	20.08		
1.4	64QAM	6	0	18.76	19.00	18.91	20.5	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	22.39	22.38	22.44	24.1	0
20	QPSK	1	49	22.55	22.58	22.59		
20	QPSK	1	99	22.43	22.41	22.44		
20	QPSK	50	0	21.39	21.54	21.32	23.1	1
20	QPSK	50	24	21.52	21.58	21.59		
20	QPSK	50	50	21.45	21.57	21.41		
20	QPSK	100	0	21.46	21.52	21.54		
20	16QAM	1	0	21.69	21.62	21.88	23.1	1
20	16QAM	1	49	21.91	21.87	21.99		
20	16QAM	1	99	21.74	21.65	21.81		
20	16QAM	50	0	20.50	20.61	20.32	22.1	2
20	16QAM	50	24	20.39	20.60	20.49		
20	16QAM	50	50	20.48	20.57	20.43		
20	16QAM	100	0	20.43	20.56	20.40		
20	64QAM	1	0	20.47	20.41	20.41	22.1	2
20	64QAM	1	49	20.52	20.56	20.54		
20	64QAM	1	99	20.49	20.42	20.31		
20	64QAM	50	0	19.68	19.67	19.38	21.1	3
20	64QAM	50	24	19.61	19.72	19.59		
20	64QAM	50	50	19.60	19.49	19.56		
20	64QAM	100	0	19.63	19.65	19.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.20	22.35	22.43	24.1	0
15	QPSK	1	37	22.37	22.46	22.53		
15	QPSK	1	74	22.25	22.31	22.41		
15	QPSK	36	0	21.25	21.37	21.48	23.1	1
15	QPSK	36	20	21.28	21.36	21.46		
15	QPSK	36	39	21.24	21.38	21.41		
15	QPSK	75	0	21.28	21.38	21.50		
15	16QAM	1	0	21.39	21.59	21.64	23.1	1
15	16QAM	1	37	21.59	21.68	21.70		
15	16QAM	1	74	21.49	21.50	21.60		
15	16QAM	36	0	20.30	20.35	20.46	22.1	2
15	16QAM	36	20	20.31	20.39	20.45		
15	16QAM	36	39	20.27	20.35	20.45		
15	16QAM	75	0	20.25	20.37	20.43		
15	64QAM	1	0	20.22	20.46	20.50	22.1	2
15	64QAM	1	37	20.46	20.59	20.61		
15	64QAM	1	74	20.30	20.41	20.47		
15	64QAM	36	0	19.40	19.48	19.59	21.1	3
15	64QAM	36	20	19.45	19.53	19.45		
15	64QAM	36	39	19.44	19.54	19.39		
15	64QAM	75	0	19.43	19.49	19.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.22	22.44	22.46	24.1	0
10	QPSK	1	25	22.35	22.48	22.56		
10	QPSK	1	49	22.31	22.36	22.47		
10	QPSK	25	0	21.26	21.40	21.50	23.1	1
10	QPSK	25	12	21.31	21.41	21.51		
10	QPSK	25	25	21.30	21.41	21.52		
10	QPSK	50	0	21.34	21.44	21.57		
10	16QAM	1	0	21.40	21.67	21.67	23.1	1
10	16QAM	1	25	21.55	21.69	21.76		
10	16QAM	1	49	21.54	21.56	21.65		
10	16QAM	25	0	20.25	20.41	20.50	22.1	2
10	16QAM	25	12	20.29	20.39	20.53		
10	16QAM	25	25	20.29	20.39	20.51		
10	16QAM	50	0	20.31	20.41	20.49		
10	64QAM	1	0	20.30	20.55	20.55	22.1	2
10	64QAM	1	25	20.45	20.55	20.64		
10	64QAM	1	49	20.40	20.46	20.57		
10	64QAM	25	0	19.43	19.58	19.47	21.1	3
10	64QAM	25	12	19.48	19.53	19.48		
10	64QAM	25	25	19.45	19.56	19.45		
10	64QAM	50	0	19.43	19.57	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.26	22.47	22.54	24.1	0
5	QPSK	1	12	22.32	22.50	22.54		
5	QPSK	1	24	22.30	22.42	22.52		
5	QPSK	12	0	21.26	21.46	21.53	23.1	1
5	QPSK	12	7	21.25	21.41	21.52		
5	QPSK	12	13	21.19	21.39	21.48		
5	QPSK	25	0	21.23	21.44	21.52		
5	16QAM	1	0	21.40	21.65	21.73	23.1	1
5	16QAM	1	12	21.47	21.70	21.75		
5	16QAM	1	24	21.45	21.61	21.70		
5	16QAM	12	0	20.24	20.40	20.45	22.1	2
5	16QAM	12	7	20.21	20.36	20.50		
5	16QAM	12	13	20.15	20.38	20.44		
5	16QAM	25	0	20.20	20.42	20.52		
5	64QAM	1	0	20.32	20.55	20.64	22.1	2
5	64QAM	1	12	20.38	20.60	20.65		
5	64QAM	1	24	20.37	20.51	20.59		
5	64QAM	12	0	19.41	19.58	19.46	21.1	3
5	64QAM	12	7	19.38	19.57	19.52		
5	64QAM	12	13	19.35	19.57	19.45		
5	64QAM	25	0	19.34	19.55	19.48		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.24	22.42	22.48	24.1	0
3	QPSK	1	8	22.25	22.42	22.52		
3	QPSK	1	14	22.23	22.39	22.50		
3	QPSK	8	0	21.22	21.42	21.52	23.1	1
3	QPSK	8	4	21.22	21.40	21.52		
3	QPSK	8	7	21.19	21.37	21.50		
3	QPSK	15	0	21.20	21.38	21.49		
3	16QAM	1	0	21.41	21.66	21.72	23.1	1
3	16QAM	1	8	21.45	21.62	21.76		
3	16QAM	1	14	21.44	21.61	21.69		
3	16QAM	8	0	20.26	20.46	20.56	22.1	2
3	16QAM	8	4	20.25	20.44	20.55		
3	16QAM	8	7	20.23	20.40	20.53		
3	16QAM	15	0	20.20	20.38	20.52		
3	64QAM	1	0	20.27	20.55	20.62	22.1	2
3	64QAM	1	8	20.35	20.55	20.65		
3	64QAM	1	14	20.30	20.51	20.59		
3	64QAM	8	0	19.39	19.58	19.50	21.1	3
3	64QAM	8	4	19.38	19.55	19.49		
3	64QAM	8	7	19.39	19.55	19.47		
3	64QAM	15	0	19.34	19.52	19.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.22	22.41	22.51	24.1	0
1.4	QPSK	1	3	22.24	22.43	22.53		
1.4	QPSK	1	5	22.23	22.41	22.51		
1.4	QPSK	3	0	22.22	22.44	22.55		
1.4	QPSK	3	1	22.24	22.45	22.54		
1.4	QPSK	3	3	22.24	22.41	22.53		
1.4	QPSK	6	0	21.23	21.43	21.53	23.1	1
1.4	16QAM	1	0	21.39	21.67	21.72	23.1	1
1.4	16QAM	1	3	21.42	21.67	21.72		
1.4	16QAM	1	5	21.38	21.66	21.70		
1.4	16QAM	3	0	21.23	21.42	21.52		
1.4	16QAM	3	1	21.23	21.43	21.52		
1.4	16QAM	3	3	21.23	21.39	21.50		
1.4	16QAM	6	0	20.27	20.48	20.55	22.1	2
1.4	64QAM	1	0	20.31	20.55	20.64	22.1	2
1.4	64QAM	1	3	20.29	20.53	20.61		
1.4	64QAM	1	5	20.29	20.54	20.59		
1.4	64QAM	3	0	20.30	20.54	20.62		
1.4	64QAM	3	1	20.33	20.53	20.63		
1.4	64QAM	3	3	20.30	20.48	20.61		
1.4	64QAM	6	0	19.31	19.54	19.44	21.1	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	23.20	23.29	23.04	24.5	0
10	QPSK	1	25	23.28	23.37	23.16		
10	QPSK	1	49	23.21	23.27	23.05		
10	QPSK	25	0	22.25	22.25	22.22	23.5	1
10	QPSK	25	12	22.26	22.31	22.24		
10	QPSK	25	25	22.24	22.24	22.17		
10	QPSK	50	0	22.24	22.28	22.23		
10	16QAM	1	0	22.06	22.35	21.96	23.5	1
10	16QAM	1	25	22.22	22.36	22.22		
10	16QAM	1	49	22.09	22.32	21.97		
10	16QAM	25	0	21.28	21.31	21.23	22.5	2
10	16QAM	25	12	21.27	21.32	21.15		
10	16QAM	25	25	21.25	21.31	21.13		
10	16QAM	50	0	21.24	21.20	21.25		
10	64QAM	1	0	21.54	21.52	21.40	22.5	2
10	64QAM	1	25	21.74	21.66	21.45		
10	64QAM	1	49	21.49	21.48	21.41		
10	64QAM	25	0	20.15	20.18	20.19	21.5	3
10	64QAM	25	12	20.14	20.15	20.15		
10	64QAM	25	25	20.11	20.13	20.08		
10	64QAM	50	0	20.30	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.27	23.19	23.27	24.5	0
5	QPSK	1	12	23.32	23.28	23.26		
5	QPSK	1	24	23.30	23.18	23.26		
5	QPSK	12	0	22.25	22.26	22.19	23.5	1
5	QPSK	12	7	22.25	22.25	22.18		
5	QPSK	12	13	22.19	22.28	22.13		
5	QPSK	25	0	22.33	22.26	22.14		
5	16QAM	1	0	22.60	22.66	22.61	23.5	1
5	16QAM	1	12	22.66	22.65	22.49		
5	16QAM	1	24	22.68	22.54	22.50		
5	16QAM	12	0	21.17	21.24	21.14	22.5	2
5	16QAM	12	7	21.22	21.18	21.11		
5	16QAM	12	13	21.13	21.16	21.03		
5	16QAM	25	0	21.24	21.23	21.13		
5	64QAM	1	0	21.62	21.51	21.45	22.5	2
5	64QAM	1	12	21.64	21.61	21.61		
5	64QAM	1	24	21.50	21.54	21.46		
5	64QAM	12	0	20.26	20.18	20.14	21.5	3
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.20	20.20	20.10		
5	64QAM	25	0	20.19	20.15	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.19	23.10	24.5	0
3	QPSK	1	8	23.16	23.36	23.13		
3	QPSK	1	14	23.16	23.22	23.13		
3	QPSK	8	0	22.27	22.15	22.19	23.5	1
3	QPSK	8	4	22.22	22.23	22.11		
3	QPSK	8	7	22.18	22.19	22.13		
3	QPSK	15	0	22.20	22.24	22.11		
3	16QAM	1	0	22.62	22.80	22.34	23.5	1
3	16QAM	1	8	22.48	22.70	22.35		
3	16QAM	1	14	22.56	22.67	22.34		
3	16QAM	8	0	21.27	21.19	21.24	22.5	2
3	16QAM	8	4	21.33	21.27	21.24		
3	16QAM	8	7	21.31	21.24	21.14		
3	16QAM	15	0	21.27	21.34	21.22		
3	64QAM	1	0	21.25	21.06	20.88	22.5	2
3	64QAM	1	8	21.16	20.94	20.96		
3	64QAM	1	14	21.15	21.18	21.10		
3	64QAM	8	0	20.12	20.09	20.04	21.5	3
3	64QAM	8	4	20.10	20.25	20.20		
3	64QAM	8	7	20.16	20.06	20.21		
3	64QAM	15	0	20.19	20.15	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.22	23.25	22.93	24.5	0
1.4	QPSK	1	3	23.27	23.30	22.97		
1.4	QPSK	1	5	23.24	23.19	22.89		
1.4	QPSK	3	0	23.35	23.34	23.14		
1.4	QPSK	3	1	23.32	23.32	23.11		
1.4	QPSK	3	3	23.36	23.36	23.11		
1.4	QPSK	6	0	22.24	22.20	22.17	23.5	1
1.4	16QAM	1	0	22.64	22.36	22.11	23.5	1
1.4	16QAM	1	3	22.64	22.16	22.11		
1.4	16QAM	1	5	22.72	22.15	22.08		
1.4	16QAM	3	0	22.34	22.30	22.16		
1.4	16QAM	3	1	22.36	22.30	22.18		
1.4	16QAM	3	3	22.37	22.22	22.17		
1.4	16QAM	6	0	21.50	21.32	21.12	22.5	2
1.4	64QAM	1	0	21.58	21.54	21.42	22.5	2
1.4	64QAM	1	3	21.60	21.56	21.36		
1.4	64QAM	1	5	21.55	21.49	21.37		
1.4	64QAM	3	0	21.23	21.46	21.33		
1.4	64QAM	3	1	21.25	21.47	21.31		
1.4	64QAM	3	3	21.34	21.49	21.41		
1.4	64QAM	6	0	20.12	20.16	20.07	21.5	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	23.21	23.27	23.14	24.5	0
10	QPSK	1	25	23.28	23.33	23.21		
10	QPSK	1	49	23.21	23.24	23.17		
10	QPSK	25	0	22.21	22.22	22.18	23.5	1
10	QPSK	25	12	22.24	22.27	22.23		
10	QPSK	25	25	22.22	22.25	22.16		
10	QPSK	50	0	22.21	22.24	22.19		
10	16QAM	1	0	22.39	22.51	22.36	23.5	1
10	16QAM	1	25	22.52	22.54	22.41		
10	16QAM	1	49	22.47	22.46	22.37		
10	16QAM	25	0	21.26	21.21	21.21	22.5	2
10	16QAM	25	12	21.22	21.26	21.18		
10	16QAM	25	25	21.22	21.19	21.15		
10	16QAM	50	0	21.22	21.22	21.22		
10	64QAM	1	0	21.32	21.37	21.20	22.5	2
10	64QAM	1	25	21.41	21.44	21.27		
10	64QAM	1	49	21.36	21.35	21.25		
10	64QAM	25	0	20.22	20.20	20.20	21.5	3
10	64QAM	25	12	20.21	20.23	20.17		
10	64QAM	25	25	20.20	20.16	20.10		
10	64QAM	50	0	20.19	20.18	20.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.28	23.20	24.5	0
5	QPSK	1	12	23.29	23.31	23.23		
5	QPSK	1	24	23.26	23.29	23.21		
5	QPSK	12	0	22.27	22.27	22.21	23.5	1
5	QPSK	12	7	22.22	22.25	22.20		
5	QPSK	12	13	22.21	22.23	22.15		
5	QPSK	25	0	22.25	22.25	22.21		
5	16QAM	1	0	22.46	22.47	22.36	23.5	1
5	16QAM	1	12	22.50	22.51	22.43		
5	16QAM	1	24	22.45	22.46	22.35		
5	16QAM	12	0	21.20	21.22	21.18	22.5	2
5	16QAM	12	7	21.20	21.22	21.17		
5	16QAM	12	13	21.18	21.21	21.11		
5	16QAM	25	0	21.22	21.24	21.21		
5	64QAM	1	0	21.37	21.33	21.31	22.5	2
5	64QAM	1	12	21.44	21.43	21.34		
5	64QAM	1	24	21.36	21.34	21.27		
5	64QAM	12	0	20.25	20.20	20.18	21.5	3
5	64QAM	12	7	20.23	20.23	20.16		
5	64QAM	12	13	20.20	20.20	20.15		
5	64QAM	25	0	20.21	20.20	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.26	23.29	23.16	24.5	0
3	QPSK	1	8	23.26	23.27	23.18		
3	QPSK	1	14	23.24	23.26	23.16		
3	QPSK	8	0	22.24	22.25	22.18	23.5	1
3	QPSK	8	4	22.23	22.24	22.18		
3	QPSK	8	7	22.18	22.22	22.14		
3	QPSK	15	0	22.20	22.21	22.16		
3	16QAM	1	0	22.39	22.48	22.38	23.5	1
3	16QAM	1	8	22.45	22.51	22.41		
3	16QAM	1	14	22.45	22.45	22.40		
3	16QAM	8	0	21.29	21.30	21.22	22.5	2
3	16QAM	8	4	21.27	21.29	21.20		
3	16QAM	8	7	21.27	21.26	21.19		
3	16QAM	15	0	21.24	21.23	21.19		
3	64QAM	1	0	21.34	21.37	21.30	22.5	2
3	64QAM	1	8	21.38	21.41	21.30		
3	64QAM	1	14	21.35	21.37	21.27		
3	64QAM	8	0	20.23	20.23	20.17	21.5	3
3	64QAM	8	4	20.22	20.22	20.17		
3	64QAM	8	7	20.21	20.21	20.16		
3	64QAM	15	0	20.17	20.18	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.27	23.16	24.5	0
1.4	QPSK	1	3	23.24	23.26	23.17		
1.4	QPSK	1	5	23.23	23.27	23.16		
1.4	QPSK	3	0	23.28	23.26	23.17		
1.4	QPSK	3	1	23.26	23.27	23.20		
1.4	QPSK	3	3	23.26	23.27	23.21		
1.4	QPSK	6	0	22.28	22.27	22.19	23.5	1
1.4	16QAM	1	0	22.43	22.50	22.37	23.5	1
1.4	16QAM	1	3	22.45	22.50	22.40		
1.4	16QAM	1	5	22.42	22.50	22.36		
1.4	16QAM	3	0	22.26	22.25	22.21		
1.4	16QAM	3	1	22.27	22.26	22.20		
1.4	16QAM	3	3	22.25	22.24	22.18		
1.4	16QAM	6	0	21.31	21.30	21.21	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.31	22.5	2
1.4	64QAM	1	3	21.37	21.42	21.31		
1.4	64QAM	1	5	21.37	21.39	21.25		
1.4	64QAM	3	0	21.28	21.30	21.26		
1.4	64QAM	3	1	21.30	21.31	21.27		
1.4	64QAM	3	3	21.32	21.32	21.24		
1.4	64QAM	6	0	20.19	20.16	20.12	21.5	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	21.52	21.47	21.56	23	0
20	QPSK	1	49	21.61	21.96	21.80		
20	QPSK	1	99	21.50	21.60	21.73		
20	QPSK	50	0	20.48	20.60	20.82	22	1
20	QPSK	50	24	20.57	20.88	20.86		
20	QPSK	50	50	20.54	20.68	20.85		
20	QPSK	100	0	20.48	20.87	20.83		
20	16QAM	1	0	20.60	20.74	20.84	22	1
20	16QAM	1	49	20.83	20.95	21.05		
20	16QAM	1	99	20.75	20.82	20.93		
20	16QAM	50	0	19.47	19.61	19.78	21	2
20	16QAM	50	24	19.58	19.65	19.79		
20	16QAM	50	50	19.57	19.65	19.93		
20	16QAM	100	0	19.46	19.61	19.84		
20	64QAM	1	0	19.50	19.58	19.66	21	2
20	64QAM	1	49	19.74	19.81	19.87		
20	64QAM	1	99	19.62	19.68	19.80		
20	64QAM	50	0	18.44	18.54	18.76	20	3
20	64QAM	50	24	18.56	18.66	18.78		
20	64QAM	50	50	18.52	18.66	18.91		
20	64QAM	100	0	18.47	18.59	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.82	21.88	21.87	23	0
15	QPSK	1	37	21.82	21.86	21.84		
15	QPSK	1	74	21.85	21.95	21.89		
15	QPSK	36	0	20.59	20.75	20.78	22	1
15	QPSK	36	20	20.70	20.75	20.80		
15	QPSK	36	39	20.68	20.77	20.85		
15	QPSK	75	0	20.66	20.81	20.84		
15	16QAM	1	0	21.13	20.97	20.92	22	1
15	16QAM	1	37	21.16	21.00	21.06		
15	16QAM	1	74	21.22	20.98	21.00		
15	16QAM	36	0	19.70	19.72	19.74	21	2
15	16QAM	36	20	19.70	19.78	19.78		
15	16QAM	36	39	19.68	19.80	19.84		
15	16QAM	75	0	19.66	19.79	19.86		
15	64QAM	1	0	19.56	19.72	19.67	21	2
15	64QAM	1	37	19.79	19.82	19.99		
15	64QAM	1	74	19.70	20.02	19.74		
15	64QAM	36	0	18.61	18.70	18.77	20	3
15	64QAM	36	20	18.64	18.78	18.83		
15	64QAM	36	39	18.64	18.71	18.92		
15	64QAM	75	0	18.68	18.76	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.67	21.75	21.72	23	0
10	QPSK	1	25	21.65	21.94	21.73		
10	QPSK	1	49	21.65	21.85	21.75		
10	QPSK	25	0	20.63	20.75	20.70	22	1
10	QPSK	25	12	20.70	20.77	20.80		
10	QPSK	25	25	20.68	20.82	20.80		
10	QPSK	50	0	20.69	20.82	20.76		
10	16QAM	1	0	20.85	21.14	21.16	22	1
10	16QAM	1	25	20.95	21.21	21.30		
10	16QAM	1	49	21.04	21.19	21.23		
10	16QAM	25	0	19.62	19.70	19.64	21	2
10	16QAM	25	12	19.64	19.70	19.70		
10	16QAM	25	25	19.66	19.77	19.80		
10	16QAM	50	0	19.66	19.79	19.76		
10	64QAM	1	0	19.93	20.06	19.83	21	2
10	64QAM	1	25	20.00	20.14	20.05		
10	64QAM	1	49	19.99	20.05	19.98		
10	64QAM	25	0	18.61	18.75	18.67	20	3
10	64QAM	25	12	18.65	18.70	18.74		
10	64QAM	25	25	18.69	18.77	18.82		
10	64QAM	50	0	18.63	18.75	18.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.69	21.73	21.72	23	0
5	QPSK	1	12	21.76	21.79	21.90		
5	QPSK	1	24	21.64	21.76	21.78		
5	QPSK	12	0	20.72	20.79	20.82	22	1
5	QPSK	12	7	20.68	20.75	20.82		
5	QPSK	12	13	20.72	20.77	20.83		
5	QPSK	25	0	20.72	20.73	20.81		
5	16QAM	1	0	20.73	20.84	20.81	22	1
5	16QAM	1	12	20.77	20.89	20.97		
5	16QAM	1	24	20.77	20.86	20.88		
5	16QAM	12	0	19.65	19.75	19.84	21	2
5	16QAM	12	7	19.60	19.74	19.84		
5	16QAM	12	13	19.69	19.71	19.74		
5	16QAM	25	0	19.72	19.72	19.81		
5	64QAM	1	0	19.67	19.98	20.09	21	2
5	64QAM	1	12	19.68	19.98	20.13		
5	64QAM	1	24	19.92	19.96	20.09		
5	64QAM	12	0	18.67	18.81	18.72	20	3
5	64QAM	12	7	18.68	18.77	18.82		
5	64QAM	12	13	18.62	18.79	18.76		
5	64QAM	25	0	18.58	18.67	18.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.30	23.29	23.32	24.5	0
10	QPSK	1	25	23.42	23.45	23.41		
10	QPSK	1	49	23.41	23.40	23.37		
10	QPSK	25	0	22.34	22.35	22.22	23.5	1
10	QPSK	25	12	22.39	22.48	22.35		
10	QPSK	25	25	22.37	22.41	22.24		
10	QPSK	50	0	22.34	22.47	22.25		
10	16QAM	1	0	22.53	22.53	22.55	23.5	1
10	16QAM	1	25	22.61	22.66	22.60		
10	16QAM	1	49	22.66	22.58	22.58		
10	16QAM	25	0	21.35	21.39	21.22	22.5	2
10	16QAM	25	12	21.36	21.37	21.35		
10	16QAM	25	25	21.35	21.55	21.24		
10	16QAM	50	0	21.40	21.46	21.21		
10	64QAM	1	0	21.40	21.39	21.47	22.5	2
10	64QAM	1	25	21.47	21.51	21.47		
10	64QAM	1	49	21.52	21.48	21.48		
10	64QAM	25	0	20.50	20.52	20.39	21.5	3
10	64QAM	25	12	20.50	20.55	20.51		
10	64QAM	25	25	20.49	20.70	20.39		
10	64QAM	50	0	20.52	20.61	20.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.31	23.37	23.24	24.5	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	23.32	23.42	23.24		
5	QPSK	12	0	22.33	22.34	22.36	23.5	1
5	QPSK	12	7	22.42	22.37	22.34		
5	QPSK	12	13	22.36	22.45	22.14		
5	QPSK	25	0	22.32	22.39	22.31		
5	16QAM	1	0	22.55	22.55	22.56	23.5	1
5	16QAM	1	12	22.64	22.70	22.51		
5	16QAM	1	24	22.66	22.66	22.57		
5	16QAM	12	0	21.34	21.36	21.27	22.5	2
5	16QAM	12	7	21.37	21.44	21.27		
5	16QAM	12	13	21.33	21.41	21.09		
5	16QAM	25	0	21.35	21.46	21.26		
5	64QAM	1	0	21.36	21.40	21.29	22.5	2
5	64QAM	1	12	21.41	21.48	21.37		
5	64QAM	1	24	21.48	21.51	21.27		
5	64QAM	12	0	20.47	20.51	20.41	21.5	3
5	64QAM	12	7	20.52	20.56	20.41		
5	64QAM	12	13	20.52	20.60	20.30		
5	64QAM	25	0	20.52	20.52	20.34		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.36	23.39	23.15	24.5	0
3	QPSK	1	8	23.32	23.36	23.19		
3	QPSK	1	14	23.39	23.41	23.17		
3	QPSK	8	0	22.33	22.35	22.30	23.5	1
3	QPSK	8	4	22.41	22.40	22.28		
3	QPSK	8	7	22.37	22.36	22.27		
3	QPSK	15	0	22.31	22.37	22.31		
3	16QAM	1	0	22.34	22.33	22.32	23.5	1
3	16QAM	1	8	22.45	22.37	22.39		
3	16QAM	1	14	22.43	22.43	22.60		
3	16QAM	8	0	21.35	21.40	21.27	22.5	2
3	16QAM	8	4	21.44	21.35	21.17		
3	16QAM	8	7	21.39	21.50	21.32		
3	16QAM	15	0	21.26	21.37	21.35		
3	64QAM	1	0	21.33	21.60	21.49	22.5	2
3	64QAM	1	8	21.37	21.68	21.53		
3	64QAM	1	14	21.41	21.66	21.54		
3	64QAM	8	0	20.54	20.61	20.51	21.5	3
3	64QAM	8	4	20.54	20.60	20.50		
3	64QAM	8	7	20.57	20.60	20.46		
3	64QAM	15	0	20.51	20.44	20.44		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.42	23.36	23.43	24.5	0
1.4	QPSK	1	3	23.43	23.34	23.43		
1.4	QPSK	1	5	23.32	23.30	23.33		
1.4	QPSK	3	0	23.40	23.28	23.29		
1.4	QPSK	3	1	23.36	23.32	23.31		
1.4	QPSK	3	3	23.30	23.36	23.31		
1.4	QPSK	6	0	22.43	22.38	22.23	23.5	1
1.4	16QAM	1	0	22.94	22.92	22.42	23.5	1
1.4	16QAM	1	3	22.92	22.95	22.59		
1.4	16QAM	1	5	22.87	22.64	22.46		
1.4	16QAM	3	0	22.36	22.31	22.31		
1.4	16QAM	3	1	22.39	22.42	22.36		
1.4	16QAM	3	3	22.42	22.36	22.37		
1.4	16QAM	6	0	21.46	21.44	21.33	22.5	2
1.4	64QAM	1	0	21.39	21.45	21.27	22.5	2
1.4	64QAM	1	3	21.40	21.49	21.25		
1.4	64QAM	1	5	21.18	21.49	21.23		
1.4	64QAM	3	0	21.36	21.57	21.11		
1.4	64QAM	3	1	21.36	21.57	21.12		
1.4	64QAM	3	3	21.44	21.50	21.38		
1.4	64QAM	6	0	20.48	20.48	20.34	21.5	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	23.40	23.51	23.33	24.5	0
10	QPSK	1	25	23.50	23.54	23.48		
10	QPSK	1	49	23.47	23.50	23.47		
10	QPSK	25	0	22.43	22.40	22.29	23.5	1
10	QPSK	25	12	22.45	22.48	22.31		
10	QPSK	25	25	22.44	22.41	22.27		
10	QPSK	50	0	22.46	22.48	22.33		
10	16QAM	1	0	22.80	22.75	22.84	23.5	1
10	16QAM	1	25	22.82	22.85	22.84		
10	16QAM	1	49	22.86	22.84	22.85		
10	16QAM	25	0	21.40	21.32	21.31	22.5	2
10	16QAM	25	12	21.35	21.37	21.48		
10	16QAM	25	25	21.42	21.50	21.36		
10	16QAM	50	0	21.49	21.45	21.27		
10	64QAM	1	0	21.59	21.40	21.61	22.5	2
10	64QAM	1	25	21.62	21.57	21.65		
10	64QAM	1	49	21.73	21.47	21.60		
10	64QAM	25	0	20.57	20.52	20.48	21.5	3
10	64QAM	25	12	20.57	20.61	20.57		
10	64QAM	25	25	20.62	20.67	20.41		
10	64QAM	50	0	20.55	20.57	20.38		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.29	23.37	23.36	24.5	0
5	QPSK	1	12	23.43	23.38	23.39		
5	QPSK	1	24	23.45	23.45	23.43		
5	QPSK	12	0	22.27	22.27	22.28	23.5	1
5	QPSK	12	7	22.33	22.35	22.22		
5	QPSK	12	13	22.31	22.33	22.13		
5	QPSK	25	0	22.30	22.32	22.22		
5	16QAM	1	0	22.71	22.68	22.70	23.5	1
5	16QAM	1	12	22.83	22.74	22.72		
5	16QAM	1	24	22.74	22.86	22.65		
5	16QAM	12	0	21.28	21.27	21.22	22.5	2
5	16QAM	12	7	21.35	21.34	21.19		
5	16QAM	12	13	21.27	21.42	21.06		
5	16QAM	25	0	21.31	21.29	21.26		
5	64QAM	1	0	21.63	21.55	20.93	22.5	2
5	64QAM	1	12	21.56	21.25	21.32		
5	64QAM	1	24	21.55	21.17	21.01		
5	64QAM	12	0	20.44	20.41	20.42	21.5	3
5	64QAM	12	7	20.45	20.41	20.44		
5	64QAM	12	13	20.46	20.51	20.33		
5	64QAM	25	0	20.47	20.46	20.44		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.23	23.27	23.29	24.5	0
3	QPSK	1	8	23.22	23.28	23.30		
3	QPSK	1	14	23.32	23.31	23.32		
3	QPSK	8	0	22.24	22.28	22.17	23.5	1
3	QPSK	8	4	22.27	22.37	22.18		
3	QPSK	8	7	22.24	22.30	22.17		
3	QPSK	15	0	22.26	22.23	22.25		
3	16QAM	1	0	22.57	22.57	22.56	23.5	1
3	16QAM	1	8	22.55	22.62	22.56		
3	16QAM	1	14	22.66	22.63	22.51		
3	16QAM	8	0	21.25	21.24	21.20	22.5	2
3	16QAM	8	4	21.24	21.28	21.28		
3	16QAM	8	7	21.27	21.26	21.27		
3	16QAM	15	0	21.33	21.36	21.09		
3	64QAM	1	0	21.28	21.58	21.40	22.5	2
3	64QAM	1	8	21.31	21.32	21.24		
3	64QAM	1	14	21.36	21.32	21.22		
3	64QAM	8	0	20.48	20.49	20.36	21.5	3
3	64QAM	8	4	20.46	20.50	20.37		
3	64QAM	8	7	20.41	20.51	20.52		
3	64QAM	15	0	20.43	20.50	20.38		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.22	23.27	23.02	24.5	0
1.4	QPSK	1	3	23.22	23.25	23.07		
1.4	QPSK	1	5	23.25	23.17	23.05		
1.4	QPSK	3	0	23.31	23.29	23.15		
1.4	QPSK	3	1	23.30	23.35	23.24		
1.4	QPSK	3	3	23.29	23.31	23.15		
1.4	QPSK	6	0	22.30	22.27	22.25	23.5	1
1.4	16QAM	1	0	22.41	22.22	22.03	23.5	1
1.4	16QAM	1	3	22.42	22.27	22.02		
1.4	16QAM	1	5	22.42	22.23	22.05		
1.4	16QAM	3	0	22.42	22.33	22.27		
1.4	16QAM	3	1	22.37	22.35	22.35		
1.4	16QAM	3	3	22.31	22.32	22.23		
1.4	16QAM	6	0	21.27	21.21	21.22	22.5	2
1.4	64QAM	1	0	21.56	21.67	21.45	22.5	2
1.4	64QAM	1	3	21.50	21.64	21.48		
1.4	64QAM	1	5	21.53	21.55	21.20		
1.4	64QAM	3	0	21.49	21.50	21.22		
1.4	64QAM	3	1	21.48	21.52	21.23		
1.4	64QAM	3	3	21.46	21.54	21.27		
1.4	64QAM	6	0	20.48	20.45	20.31	21.5	3

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	23.29	23.29	23.27	24.5	0
10	QPSK	1	25	23.43	23.44	23.42		
10	QPSK	1	49	23.40	23.38	23.38		
10	QPSK	25	0	22.25	22.18	22.14	23.5	1
10	QPSK	25	12	22.32	22.40	22.36		
10	QPSK	25	25	22.28	22.32	22.30		
10	QPSK	50	0	22.30	22.35	22.22		
10	16QAM	1	0	22.54	22.52	22.51	23.5	1
10	16QAM	1	25	22.69	22.63	22.60		
10	16QAM	1	49	22.57	22.56	22.54		
10	16QAM	25	0	21.27	21.22	21.15	22.5	2
10	16QAM	25	12	21.32	21.34	21.36		
10	16QAM	25	25	21.47	21.34	21.19		
10	16QAM	50	0	21.38	21.25	21.16		
10	64QAM	1	0	21.38	21.37	21.42	22.5	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.45	21.45	21.49		
10	64QAM	25	0	20.42	20.37	20.34	21.5	3
10	64QAM	25	12	20.47	20.51	20.52		
10	64QAM	25	25	20.63	20.49	20.36		
10	64QAM	50	0	20.51	20.43	20.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.38	23.38	23.24	24.5	0
5	QPSK	1	12	23.39	23.39	23.42		
5	QPSK	1	24	23.42	23.31	23.21		
5	QPSK	12	0	22.39	22.28	22.32	23.5	1
5	QPSK	12	7	22.35	22.33	22.31		
5	QPSK	12	13	22.38	22.38	22.11		
5	QPSK	25	0	22.35	22.39	22.28		
5	16QAM	1	0	22.57	22.67	22.59	23.5	1
5	16QAM	1	12	22.60	22.62	22.68		
5	16QAM	1	24	22.64	22.65	22.48		
5	16QAM	12	0	21.39	21.23	21.25	22.5	2
5	16QAM	12	7	21.35	21.22	21.26		
5	16QAM	12	13	21.41	21.34	21.06		
5	16QAM	25	0	21.36	21.33	21.19		
5	64QAM	1	0	21.31	21.34	21.50	22.5	2
5	64QAM	1	12	21.44	21.40	21.59		
5	64QAM	1	24	21.49	21.39	21.57		
5	64QAM	12	0	20.60	20.42	20.48	21.5	3
5	64QAM	12	7	20.49	20.46	20.39		
5	64QAM	12	13	20.53	20.49	20.29		
5	64QAM	25	0	20.49	20.50	20.34		

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BW [MHz]	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	23.38	23.28	23.35	24.5	0
10	QPSK	1	25	23.43	23.52	23.47		
10	QPSK	1	49	23.39	23.46	23.43		
10	QPSK	25	0	22.27	22.24	22.22	23.5	1
10	QPSK	25	12	22.35	22.40	22.39		
10	QPSK	25	25	22.31	22.30	22.24		
10	QPSK	50	0	22.10	22.39	22.30		
10	16QAM	1	0	22.46	22.71	22.77	23.5	1
10	16QAM	1	25	22.86	22.78	22.88		
10	16QAM	1	49	22.49	22.72	22.86		
10	16QAM	25	0	21.28	21.28	21.22	22.5	2
10	16QAM	25	12	21.34	21.44	21.38		
10	16QAM	25	25	21.29	21.32	21.27		
10	16QAM	50	0	21.30	21.27	21.28		
10	64QAM	1	0	21.57	21.27	21.23	22.5	2
10	64QAM	1	25	21.64	21.66	21.44		
10	64QAM	1	49	21.73	21.68	21.46		
10	64QAM	25	0	20.44	20.46	20.43	21.5	3
10	64QAM	25	12	20.46	20.57	20.61		
10	64QAM	25	25	20.65	20.54	20.41		
10	64QAM	50	0	20.46	20.51	20.45		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.30	23.35	23.30	24.5	0
5	QPSK	1	12	23.30	23.44	23.25		
5	QPSK	1	24	23.36	23.37	23.25		
5	QPSK	12	0	22.21	22.30	22.31	23.5	1
5	QPSK	12	7	22.26	22.37	22.40		
5	QPSK	12	13	22.39	22.34	22.15		
5	QPSK	25	0	22.28	22.36	22.21		
5	16QAM	1	0	22.20	22.34	22.34	23.5	1
5	16QAM	1	12	22.23	22.41	22.37		
5	16QAM	1	24	22.30	22.31	22.35		
5	16QAM	12	0	21.43	21.28	21.28	22.5	2
5	16QAM	12	7	21.31	21.30	21.24		
5	16QAM	12	13	21.36	21.27	21.11		
5	16QAM	25	0	21.32	21.31	21.24		
5	64QAM	1	0	21.74	21.40	21.52	22.5	2
5	64QAM	1	12	21.73	21.36	21.54		
5	64QAM	1	24	21.70	21.40	21.50		
5	64QAM	12	0	20.62	20.45	20.56	21.5	3
5	64QAM	12	7	20.62	20.43	20.50		
5	64QAM	12	13	20.67	20.39	20.42		
5	64QAM	25	0	20.49	20.47	20.32		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.27	22.27	22.19	23.4	0
20	QPSK	1	49	22.45	22.43	22.39		
20	QPSK	1	99	22.28	22.30	22.28		
20	QPSK	50	0	21.46	21.47	21.38	22.4	1
20	QPSK	50	24	21.53	21.51	21.45		
20	QPSK	50	50	21.46	21.49	21.41		
20	QPSK	100	0	21.49	21.42	21.41		
20	16QAM	1	0	21.53	21.50	21.48	22.4	1
20	16QAM	1	49	21.72	21.69	21.64		
20	16QAM	1	99	21.50	21.63	21.47		
20	16QAM	50	0	20.49	20.48	20.42	21.4	2
20	16QAM	50	24	20.49	20.52	20.49		
20	16QAM	50	50	20.42	20.51	20.45		
20	16QAM	100	0	20.43	20.47	20.38		
20	64QAM	1	0	20.35	20.34	20.29	21.4	2
20	64QAM	1	49	20.46	20.53	20.43		
20	64QAM	1	99	20.36	20.42	20.33		
20	64QAM	50	0	19.46	19.42	19.40	20.4	3
20	64QAM	50	24	19.44	19.51	19.38		
20	64QAM	50	50	19.40	19.48	19.38		
20	64QAM	100	0	19.40	19.47	19.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.41	22.43	22.33	23.4	0
15	QPSK	1	37	22.42	22.44	22.36		
15	QPSK	1	74	22.37	22.39	22.42		
15	QPSK	36	0	21.49	21.43	21.44	22.4	1
15	QPSK	36	20	21.48	21.45	21.40		
15	QPSK	36	39	21.50	21.46	21.37		
15	QPSK	75	0	21.51	21.48	21.44		
15	16QAM	1	0	21.58	21.59	21.45	22.4	1
15	16QAM	1	37	21.66	21.53	21.60		
15	16QAM	1	74	21.72	21.61	21.55		
15	16QAM	36	0	20.46	20.46	20.39	21.4	2
15	16QAM	36	20	20.45	20.48	20.35		
15	16QAM	36	39	20.49	20.44	20.39		
15	16QAM	75	0	20.56	20.47	20.45		
15	64QAM	1	0	20.45	20.43	20.33	21.4	2
15	64QAM	1	37	20.54	20.48	20.48		
15	64QAM	1	74	20.54	20.41	20.38		
15	64QAM	36	0	19.46	19.45	19.40	20.4	3
15	64QAM	36	20	19.45	19.44	19.39		
15	64QAM	36	39	19.47	19.44	19.40		
15	64QAM	75	0	19.51	19.43	19.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.38	22.40	22.31	23.4	0
10	QPSK	1	25	22.44	22.42	22.39		
10	QPSK	1	49	22.42	22.37	22.35		
10	QPSK	25	0	21.54	21.51	21.43	22.4	1
10	QPSK	25	12	21.56	21.51	21.46		
10	QPSK	25	25	21.52	21.42	21.48		
10	QPSK	50	0	21.56	21.52	21.49		
10	16QAM	1	0	21.65	21.63	21.56	22.4	1
10	16QAM	1	25	21.66	21.64	21.56		
10	16QAM	1	49	21.67	21.62	21.57		
10	16QAM	25	0	20.57	20.58	20.48	21.4	2
10	16QAM	25	12	20.55	20.50	20.46		
10	16QAM	25	25	20.59	20.52	20.46		
10	16QAM	50	0	20.51	20.50	20.48		
10	64QAM	1	0	20.46	20.49	20.43	21.4	2
10	64QAM	1	25	20.48	20.49	20.53		
10	64QAM	1	49	20.48	20.47	20.43		
10	64QAM	25	0	19.58	19.58	19.51	20.4	3
10	64QAM	25	12	19.57	19.51	19.51		
10	64QAM	25	25	19.53	19.54	19.55		
10	64QAM	50	0	19.48	19.49	19.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.44	22.38	22.33	23.4	0
5	QPSK	1	12	22.42	22.44	22.36		
5	QPSK	1	24	22.44	22.40	22.39		
5	QPSK	12	0	21.54	21.54	21.44	22.4	1
5	QPSK	12	7	21.52	21.48	21.44		
5	QPSK	12	13	21.47	21.50	21.47		
5	QPSK	25	0	21.56	21.57	21.53		
5	16QAM	1	0	21.57	21.62	21.56	22.4	1
5	16QAM	1	12	21.69	21.63	21.56		
5	16QAM	1	24	21.63	21.62	21.56		
5	16QAM	12	0	20.56	20.52	20.47	21.4	2
5	16QAM	12	7	20.54	20.45	20.45		
5	16QAM	12	13	20.52	20.47	20.44		
5	16QAM	25	0	20.59	20.54	20.51		
5	64QAM	1	0	20.51	20.51	20.45	21.4	2
5	64QAM	1	12	20.66	20.60	20.45		
5	64QAM	1	24	20.49	20.52	20.46		
5	64QAM	12	0	19.54	19.53	19.45	20.4	3
5	64QAM	12	7	19.54	19.47	19.46		
5	64QAM	12	13	19.48	19.49	19.46		
5	64QAM	25	0	19.52	19.54	19.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.54	22.54	22.45	23.8	0
20	QPSK	1	49	22.78	22.72	22.64		
20	QPSK	1	99	22.57	22.64	22.63		
20	QPSK	50	0	21.74	21.74	21.70	22.8	1
20	QPSK	50	24	21.85	21.84	21.79		
20	QPSK	50	50	21.72	21.77	21.78		
20	QPSK	100	0	21.82	21.74	21.72		
20	16QAM	1	0	21.80	21.75	21.77	22.8	1
20	16QAM	1	49	22.03	21.99	21.92		
20	16QAM	1	99	21.82	21.90	21.83		
20	16QAM	50	0	20.75	20.77	20.75	21.8	2
20	16QAM	50	24	20.81	20.85	20.78		
20	16QAM	50	50	20.80	20.81	20.76		
20	16QAM	100	0	20.74	20.77	20.74		
20	64QAM	1	0	20.63	20.65	20.58	21.8	2
20	64QAM	1	49	20.80	20.83	20.78		
20	64QAM	1	99	20.63	20.74	20.65		
20	64QAM	50	0	19.69	19.71	19.68	20.8	3
20	64QAM	50	24	19.73	19.77	19.74		
20	64QAM	50	50	19.71	19.74	19.73		
20	64QAM	100	0	19.70	19.73	19.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.64	22.66	22.64	23.8	0
15	QPSK	1	37	22.73	22.76	22.77		
15	QPSK	1	74	22.75	22.66	22.69		
15	QPSK	36	0	21.72	21.71	21.69	22.8	1
15	QPSK	36	20	21.74	21.73	21.68		
15	QPSK	36	39	21.71	21.70	21.70		
15	QPSK	75	0	21.74	21.68	21.73		
15	16QAM	1	0	21.81	21.81	21.75	22.8	1
15	16QAM	1	37	21.89	21.89	21.89		
15	16QAM	1	74	21.93	21.82	21.84		
15	16QAM	36	0	20.70	20.69	20.65	21.8	2
15	16QAM	36	20	20.69	20.72	20.66		
15	16QAM	36	39	20.73	20.69	20.69		
15	16QAM	75	0	20.74	20.73	20.71		
15	64QAM	1	0	20.67	20.67	20.59	21.8	2
15	64QAM	1	37	20.77	20.80	20.83		
15	64QAM	1	74	20.76	20.69	20.71		
15	64QAM	36	0	19.69	19.69	19.67	20.8	3
15	64QAM	36	20	19.68	19.72	19.70		
15	64QAM	36	39	19.70	19.71	19.69		
15	64QAM	75	0	19.70	19.67	19.67		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.61	22.65	22.59	23.8	0
10	QPSK	1	25	22.71	22.66	22.67		
10	QPSK	1	49	22.69	22.64	22.63		
10	QPSK	25	0	21.75	21.78	21.75	22.8	1
10	QPSK	25	12	21.71	21.76	21.73		
10	QPSK	25	25	21.72	21.70	21.79		
10	QPSK	50	0	21.75	21.73	21.78		
10	16QAM	1	0	21.84	21.90	21.84	22.8	1
10	16QAM	1	25	21.90	21.89	21.90		
10	16QAM	1	49	21.87	21.85	21.88		
10	16QAM	25	0	20.76	20.79	20.76	21.8	2
10	16QAM	25	12	20.79	20.74	20.76		
10	16QAM	25	25	20.75	20.74	20.80		
10	16QAM	50	0	20.76	20.78	20.79		
10	64QAM	1	0	20.73	20.71	20.67	21.8	2
10	64QAM	1	25	20.74	20.74	20.74		
10	64QAM	1	49	20.69	20.71	20.72		
10	64QAM	25	0	19.78	19.82	19.77	20.8	3
10	64QAM	25	12	19.77	19.77	19.81		
10	64QAM	25	25	19.74	19.75	19.83		
10	64QAM	50	0	19.71	19.70	19.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.66	22.62	22.62	23.8	0
5	QPSK	1	12	22.71	22.66	22.66		
5	QPSK	1	24	22.67	22.67	22.68		
5	QPSK	12	0	21.78	21.78	21.75	22.8	1
5	QPSK	12	7	21.73	21.69	21.80		
5	QPSK	12	13	21.70	21.75	21.72		
5	QPSK	25	0	21.77	21.76	21.76		
5	16QAM	1	0	21.89	21.89	21.86	22.8	1
5	16QAM	1	12	21.91	21.89	21.91		
5	16QAM	1	24	21.86	21.88	21.87		
5	16QAM	12	0	20.76	20.76	20.76	21.8	2
5	16QAM	12	7	20.75	20.68	20.77		
5	16QAM	12	13	20.70	20.74	20.71		
5	16QAM	25	0	20.78	20.81	20.80		
5	64QAM	1	0	20.73	20.77	20.73	21.8	2
5	64QAM	1	12	20.77	20.70	20.74		
5	64QAM	1	24	20.73	20.73	20.78		
5	64QAM	12	0	19.75	19.81	19.72	20.8	3
5	64QAM	12	7	19.73	19.70	19.75		
5	64QAM	12	13	19.75	19.73	19.73		
5	64QAM	25	0	19.75	19.81	19.81		

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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	22.01	22.09	22.35	22.19	22.17	23.4	0
20	QPSK	1	49	22.18	22.29	22.47	22.36	22.31		
20	QPSK	1	99	22.11	22.21	22.31	22.21	22.19		
20	QPSK	50	0	21.13	21.32	21.48	21.41	21.38	22.4	1
20	QPSK	50	24	21.31	21.42	21.55	21.51	21.46		
20	QPSK	50	50	21.28	21.38	21.54	21.46	21.41		
20	QPSK	100	0	21.25	21.36	21.53	21.39	21.36		
20	16QAM	1	0	21.29	21.33	21.51	21.43	21.42	22.4	1
20	16QAM	1	49	21.49	21.58	21.72	21.62	21.60		
20	16QAM	1	99	21.39	21.45	21.54	21.57	21.42		
20	16QAM	50	0	20.18	20.34	20.52	20.43	20.38	21.4	2
20	16QAM	50	24	20.28	20.42	20.56	20.48	20.44		
20	16QAM	50	50	20.37	20.37	20.51	20.44	20.39		
20	16QAM	100	0	20.24	20.36	20.49	20.40	20.40		
20	64QAM	1	0	20.10	20.21	20.36	20.30	20.26	21.4	2
20	64QAM	1	49	20.28	20.42	20.52	20.42	20.46		
20	64QAM	1	99	20.20	20.28	20.38	20.35	20.24		
20	64QAM	50	0	19.14	19.32	19.46	19.35	19.38	20.4	3
20	64QAM	50	24	19.27	19.37	19.52	19.43	19.42		
20	64QAM	50	50	19.30	19.34	19.47	19.40	19.39		
20	64QAM	100	0	19.26	19.31	19.50	19.38	19.34		
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	22.29	22.42	22.43	22.31	22.18	23.4	0
15	QPSK	1	37	22.46	22.44	22.41	22.34	22.31		
15	QPSK	1	74	22.40	22.46	22.44	22.34	22.23		
15	QPSK	36	0	21.35	21.44	21.47	21.36	21.29	22.4	1
15	QPSK	36	20	21.38	21.43	21.48	21.39	21.27		
15	QPSK	36	39	21.39	21.43	21.49	21.37	21.22		
15	QPSK	75	0	21.42	21.48	21.53	21.39	21.26		
15	16QAM	1	0	21.44	21.53	21.61	21.47	21.32	22.4	1
15	16QAM	1	37	21.60	21.73	21.68	21.56	21.40		
15	16QAM	1	74	21.53	21.62	21.60	21.46	21.31		
15	16QAM	36	0	20.31	20.41	20.46	20.34	20.27	21.4	2
15	16QAM	36	20	20.40	20.41	20.47	20.36	20.26		
15	16QAM	36	39	20.38	20.45	20.46	20.34	20.26		
15	16QAM	75	0	20.37	20.44	20.52	20.42	20.23		
15	64QAM	1	0	20.34	20.39	20.49	20.31	20.16	21.4	2
15	64QAM	1	37	20.41	20.53	20.55	20.43	20.24		
15	64QAM	1	74	20.38	20.44	20.46	20.34	20.27		
15	64QAM	36	0	19.30	19.40	19.47	19.34	19.29	20.4	3
15	64QAM	36	20	19.39	19.44	19.46	19.39	19.24		
15	64QAM	36	39	19.35	19.44	19.46	19.35	19.23		
15	64QAM	75	0	19.36	19.40	19.51	19.38	19.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.27	22.35	22.42	22.31	22.19	23.4	0
10	QPSK	1	25	22.40	22.34	22.42	22.34	22.20		
10	QPSK	1	49	22.31	22.31	22.43	22.30	22.17		
10	QPSK	25	0	21.35	21.46	21.50	21.47	21.30	22.4	1
10	QPSK	25	12	21.39	21.45	21.54	21.42	21.30		
10	QPSK	25	25	21.39	21.46	21.51	21.42	21.30		
10	QPSK	50	0	21.42	21.44	21.56	21.42	21.31		
10	16QAM	1	0	21.48	21.58	21.59	21.53	21.43	22.4	1
10	16QAM	1	25	21.57	21.60	21.70	21.59	21.46		
10	16QAM	1	49	21.56	21.63	21.71	21.49	21.33		
10	16QAM	25	0	20.37	20.48	20.56	20.50	20.35	21.4	2
10	16QAM	25	12	20.43	20.51	20.54	20.49	20.42		
10	16QAM	25	25	20.46	20.50	20.54	20.45	20.29		
10	16QAM	50	0	20.41	20.50	20.60	20.43	20.34		
10	64QAM	1	0	20.32	20.43	20.51	20.39	20.28	21.4	2
10	64QAM	1	25	20.40	20.54	20.53	20.41	20.28		
10	64QAM	1	49	20.36	20.45	20.46	20.34	20.25		
10	64QAM	25	0	19.41	19.51	19.56	19.51	19.39	20.4	3
10	64QAM	25	12	19.45	19.50	19.55	19.45	19.37		
10	64QAM	25	25	19.46	19.50	19.56	19.48	19.33		
10	64QAM	50	0	19.33	19.43	19.51	19.44	19.27		
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	22.32	22.38	22.44	22.29	22.20	23.4	0
5	QPSK	1	12	22.41	22.36	22.34	22.32	22.24		
5	QPSK	1	24	22.37	22.46	22.42	22.33	22.21		
5	QPSK	12	0	21.41	21.49	21.53	21.47	21.32	22.4	1
5	QPSK	12	7	21.40	21.49	21.49	21.41	21.26		
5	QPSK	12	13	21.39	21.44	21.45	21.35	21.25		
5	QPSK	25	0	21.43	21.49	21.52	21.41	21.33		
5	16QAM	1	0	21.51	21.60	21.68	21.56	21.41	22.4	1
5	16QAM	1	12	21.54	21.65	21.64	21.53	21.45		
5	16QAM	1	24	21.57	21.63	21.65	21.62	21.43		
5	16QAM	12	0	20.40	20.45	20.51	20.39	20.37	21.4	2
5	16QAM	12	7	20.36	20.48	20.50	20.42	20.33		
5	16QAM	12	13	20.37	20.44	20.47	20.40	20.27		
5	16QAM	25	0	20.42	20.53	20.54	20.45	20.34		
5	64QAM	1	0	20.42	20.49	20.55	20.42	20.23	21.4	2
5	64QAM	1	12	20.37	20.53	20.62	20.45	20.37		
5	64QAM	1	24	20.45	20.51	20.52	20.40	20.30		
5	64QAM	12	0	19.41	19.50	19.51	19.47	19.35	20.4	3
5	64QAM	12	7	19.44	19.48	19.58	19.40	19.32		
5	64QAM	12	13	19.42	19.46	19.50	19.37	19.29		
5	64QAM	25	0	19.44	19.51	19.55	19.46	19.36		

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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	22.40	22.35	22.51	22.54	22.60	23.8	0
20	QPSK	1	49	22.46	22.51	22.82	22.71	22.78		
20	QPSK	1	99	22.39	22.48	22.60	22.64	22.59		
20	QPSK	50	0	21.46	21.63	21.77	21.77	21.79	22.8	1
20	QPSK	50	24	21.67	21.65	21.83	21.80	21.81		
20	QPSK	50	50	21.63	21.62	21.74	21.78	21.77		
20	QPSK	100	0	21.53	21.62	21.79	21.74	21.76		
20	16QAM	1	0	21.52	21.59	21.74	21.77	21.85	22.8	1
20	16QAM	1	49	21.72	21.81	22.01	21.94	22.07		
20	16QAM	1	99	21.59	21.72	21.84	21.86	21.89		
20	16QAM	50	0	20.46	20.57	20.76	20.79	20.81	21.8	2
20	16QAM	50	24	20.58	20.63	20.81	20.85	20.93		
20	16QAM	50	50	20.63	20.64	20.81	20.82	20.86		
20	16QAM	100	0	20.57	20.59	20.76	20.78	20.80		
20	64QAM	1	0	20.38	20.44	20.59	20.65	20.71	21.8	2
20	64QAM	1	49	20.60	20.72	20.79	20.77	20.86		
20	64QAM	1	99	20.46	20.56	20.66	20.72	20.75		
20	64QAM	50	0	19.40	19.56	19.73	19.71	19.76	20.8	3
20	64QAM	50	24	19.53	19.58	19.76	19.80	19.84		
20	64QAM	50	50	19.57	19.59	19.74	19.75	19.79		
20	64QAM	100	0	19.52	19.59	19.74	19.71	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.47	22.58	22.66	22.62	22.61	23.8	0
15	QPSK	1	37	22.59	22.75	22.81	22.79	22.65		
15	QPSK	1	74	22.53	22.66	22.69	22.65	22.64		
15	QPSK	36	0	21.45	21.62	21.69	21.68	21.70	22.8	1
15	QPSK	36	20	21.55	21.64	21.69	21.73	21.70		
15	QPSK	36	39	21.54	21.65	21.72	21.69	21.68		
15	QPSK	75	0	21.55	21.64	21.73	21.76	21.73		
15	16QAM	1	0	21.62	21.76	21.83	21.76	21.74	22.8	1
15	16QAM	1	37	21.79	21.90	21.90	21.90	21.83		
15	16QAM	1	74	21.68	21.80	21.85	21.82	21.75		
15	16QAM	36	0	20.45	20.63	20.69	20.67	20.64	21.8	2
15	16QAM	36	20	20.55	20.62	20.73	20.75	20.64		
15	16QAM	36	39	20.55	20.61	20.71	20.73	20.68		
15	16QAM	75	0	20.53	20.61	20.74	20.73	20.65		
15	64QAM	1	0	20.47	20.55	20.65	20.63	20.59	21.8	2
15	64QAM	1	37	20.64	20.70	20.79	20.72	20.68		
15	64QAM	1	74	20.55	20.65	20.67	20.70	20.57		
15	64QAM	36	0	19.43	19.60	19.70	19.65	19.69	20.8	3
15	64QAM	36	20	19.52	19.62	19.68	19.72	19.64		
15	64QAM	36	39	19.54	19.62	19.68	19.67	19.66		
15	64QAM	75	0	19.53	19.62	19.70	19.71	19.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.54	22.66	22.60	22.58	23.8	0
10	QPSK	1	25	22.54	22.60	22.72	22.63	22.62		
10	QPSK	1	49	22.48	22.50	22.59	22.61	22.58		
10	QPSK	25	0	21.53	21.68	21.73	21.76	21.76	22.8	1
10	QPSK	25	12	21.53	21.62	21.74	21.84	21.73		
10	QPSK	25	25	21.56	21.65	21.74	21.75	21.77		
10	QPSK	50	0	21.53	21.64	21.75	21.79	21.73		
10	16QAM	1	0	21.75	21.78	21.89	21.87	21.83	22.8	1
10	16QAM	1	25	21.76	21.83	21.93	21.92	21.85		
10	16QAM	1	49	21.69	21.81	21.87	21.86	21.84		
10	16QAM	25	0	20.56	20.71	20.78	20.78	20.75	21.8	2
10	16QAM	25	12	20.60	20.69	20.79	20.78	20.74		
10	16QAM	25	25	20.60	20.66	20.78	20.78	20.75		
10	16QAM	50	0	20.58	20.68	20.79	20.78	20.73		
10	64QAM	1	0	20.50	20.61	20.74	20.71	20.68	21.8	2
10	64QAM	1	25	20.55	20.68	20.81	20.77	20.71		
10	64QAM	1	49	20.55	20.62	20.71	20.71	20.65		
10	64QAM	25	0	19.56	19.72	19.78	19.85	19.76	20.8	3
10	64QAM	25	12	19.60	19.70	19.77	19.79	19.80		
10	64QAM	25	25	19.58	19.67	19.79	19.79	19.72		
10	64QAM	50	0	19.49	19.64	19.71	19.77	19.68		
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	22.47	22.57	22.66	22.63	22.62	23.8	0
5	QPSK	1	12	22.57	22.66	22.72	22.65	22.65		
5	QPSK	1	24	22.51	22.64	22.67	22.68	22.65		
5	QPSK	12	0	21.55	21.68	21.76	21.72	21.72	22.8	1
5	QPSK	12	7	21.56	21.64	21.76	21.72	21.77		
5	QPSK	12	13	21.57	21.69	21.67	21.70	21.70		
5	QPSK	25	0	21.57	21.70	21.74	21.74	21.71		
5	16QAM	1	0	21.64	21.78	21.87	21.84	21.83	22.8	1
5	16QAM	1	12	21.67	21.84	21.88	21.83	21.82		
5	16QAM	1	24	21.73	21.81	21.89	21.88	21.84		
5	16QAM	12	0	20.54	20.69	20.75	20.75	20.73	21.8	2
5	16QAM	12	7	20.56	20.68	20.72	20.77	20.76		
5	16QAM	12	13	20.55	20.62	20.72	20.74	20.69		
5	16QAM	25	0	20.62	20.73	20.76	20.77	20.76		
5	64QAM	1	0	20.58	20.70	20.76	20.79	20.76	21.8	2
5	64QAM	1	12	20.64	20.66	20.87	20.80	20.73		
5	64QAM	1	24	20.54	20.70	20.78	20.77	20.67		
5	64QAM	12	0	19.53	19.68	19.74	19.77	19.76	20.8	3
5	64QAM	12	7	19.52	19.67	19.74	19.74	19.74		
5	64QAM	12	13	19.53	19.65	19.72	19.73	19.65		
5	64QAM	25	0	19.59	19.72	19.80	19.77	19.76		

Reduced Power Mode for DSI2

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	29.54	29.61	29.55	30.50	20.54	20.61	20.55	21.50
GPRS 1 Tx slot	29.51	29.59	29.52	30.50	20.51	20.59	20.52	21.50
GPRS 2 Tx slots	26.05	26.02	26.01	26.50	20.05	20.02	20.01	20.50
GPRS 3 Tx slots	24.53	24.53	24.52	25.00	20.27	20.27	20.26	20.74
GPRS 4 Tx slots	23.50	23.49	23.65	24.00	20.50	20.49	20.65	21.00
EDGE(GMSK 1 Tx slot)	29.34	29.40	29.55	30.50	20.34	20.40	20.55	21.50
EDGE(GMSK 2 Tx slots)	25.87	25.91	26.09	26.50	19.87	19.91	20.09	20.50
EDGE(GMSK 3 Tx slots)	24.37	24.40	24.59	25.00	20.11	20.14	20.33	20.74
EDGE(GMSK 4 Tx slots)	23.34	23.37	23.56	24.00	20.34	20.37	20.56	21.00
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.57	24.68	24.45	25.50	18.57	18.68	18.45	19.50
EDGE 3 Tx slots	22.52	22.43	22.26	23.50	18.26	18.17	18.00	19.24
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	19.00

GSM850_Ant 41	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	32.35	32.26	32.35	33.50	23.35	23.26	23.35	24.50
GPRS 1 Tx slot	32.33	32.23	32.32	33.50	23.33	23.23	23.32	24.50
GPRS 2 Tx slots	30.59	30.64	30.62	31.50	24.59	24.64	24.62	25.50
GPRS 3 Tx slots	28.64	28.70	28.66	29.50	24.38	24.44	24.40	25.24
GPRS 4 Tx slots	27.14	27.24	27.18	28.00	24.14	24.24	24.18	25.00
EDGE(GMSK 1 Tx slot)	32.24	32.18	32.16	33.50	23.24	23.18	23.16	24.50
EDGE(GMSK 2 Tx slots)	30.57	30.53	30.56	31.50	24.57	24.53	24.56	25.50
EDGE(GMSK 3 Tx slots)	28.58	28.62	28.61	29.50	24.32	24.36	24.35	25.24
EDGE(GMSK 4 Tx slots)	27.07	27.19	27.13	28.00	24.07	24.19	24.13	25.00
EDGE 1 Tx slot	26.85	26.84	26.61	27.50	17.85	17.84	17.61	18.50
EDGE 2 Tx slots	24.57	24.75	24.62	25.50	18.57	18.75	18.62	19.50
EDGE 3 Tx slots	22.48	22.54	22.31	23.50	18.22	18.28	18.05	19.24
EDGE 4 Tx slots	20.97	20.99	20.76	22.00	17.97	17.99	17.76	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	24.84	24.95	24.83	26.00	15.84	15.95	15.83	17.00
GPRS 1 Tx slot	24.81	24.93	24.81	26.00	15.81	15.93	15.81	17.00
GPRS 2 Tx slots	22.27	22.34	22.27	23.00	16.27	16.34	16.27	17.00
GPRS 3 Tx slots	20.30	20.40	20.24	21.00	16.04	16.14	15.98	16.74
GPRS 4 Tx slots	19.25	19.44	19.26	20.00	16.25	16.44	16.26	17.00
EDGE(GMSK 1 Tx slot)	24.83	24.89	24.71	26.00	15.83	15.89	15.71	17.00
EDGE(GMSK 2 Tx slots)	22.22	22.33	22.11	23.00	16.22	16.33	16.11	17.00
EDGE(GMSK 3 Tx slots)	20.22	20.31	20.06	21.00	15.96	16.05	15.80	16.74
EDGE(GMSK 4 Tx slots)	19.18	19.30	19.06	20.00	16.18	16.30	16.06	17.00
EDGE 1 Tx slot	25.84	25.90	25.83	26.00	16.84	16.90	16.83	17.00
EDGE 2 Tx slots	22.85	22.86	22.78	23.00	16.85	16.86	16.78	17.00
EDGE 3 Tx slots	20.77	20.68	20.66	21.00	16.51	16.42	16.40	16.74
EDGE 4 Tx slots	19.35	19.38	19.24	20.00	16.35	16.38	16.24	17.00

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	29.76	29.75	29.60	30.50	20.76	20.75	20.60	21.50
GPRS 1 Tx slot	29.73	29.73	29.58	30.50	20.73	20.73	20.58	21.50
GPRS 2 Tx slots	28.01	28.05	27.99	28.50	22.01	22.05	21.99	22.50
GPRS 3 Tx slots	26.03	26.08	25.86	26.50	21.77	21.82	21.60	22.24
GPRS 4 Tx slots	24.44	24.52	24.37	25.00	21.44	21.52	21.37	22.00
EDGE(GMSK 1 Tx slot)	29.62	29.62	29.53	30.50	20.62	20.62	20.53	21.50
EDGE(GMSK 2 Tx slots)	27.94	28.02	27.88	28.50	21.94	22.02	21.88	22.50
EDGE(GMSK 3 Tx slots)	26.00	26.05	25.83	26.50	21.74	21.79	21.57	22.24
EDGE(GMSK 4 Tx slots)	24.48	24.51	24.37	25.00	21.48	21.51	21.37	22.00
EDGE 1 Tx slot	26.40	26.41	26.39	26.50	17.40	17.41	17.39	17.50
EDGE 2 Tx slots	24.45	24.46	24.45	24.50	18.45	18.46	18.45	18.50
EDGE 3 Tx slots	22.47	22.25	22.11	22.50	18.21	17.99	17.85	18.24
EDGE 4 Tx slots	20.73	20.58	20.57	21.00	17.73	17.58	17.57	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	14.94	14.98	14.89	16.30	23.23	23.25	23.18	24.20
3GPP Rel 99	RMC 12.2Kbps	14.97	15.01	14.92	16.30	23.26	23.27	23.20	24.20
3GPP Rel 6	HSDPA Subtest-1	14.22	14.11	14.08	15.30	22.29	22.28	22.21	23.20
3GPP Rel 6	HSDPA Subtest-2	14.20	14.12	14.04	15.30	22.25	22.29	22.19	23.20
3GPP Rel 6	HSDPA Subtest-3	13.72	13.65	13.58	14.80	21.82	21.84	21.73	22.70
3GPP Rel 6	HSDPA Subtest-4	13.71	13.61	13.54	14.80	21.75	21.78	21.69	22.70
3GPP Rel 6	HSUPA Subtest-1	13.08	13.01	13.14	13.30	20.99	20.91	20.93	21.20
3GPP Rel 6	HSUPA Subtest-2	13.14	13.15	13.14	13.30	20.98	20.93	20.93	21.20
3GPP Rel 6	HSUPA Subtest-3	14.11	13.96	14.15	14.30	22.06	21.94	21.97	22.20
3GPP Rel 6	HSUPA Subtest-4	12.62	12.62	12.70	12.80	20.57	20.47	20.51	21.20
3GPP Rel 6	HSUPA Subtest-5	14.20	14.30	14.10	14.30	22.00	21.90	21.90	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.96	13.06	13.02	13.30	20.85	20.82	20.81	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.55	16.63	16.61	17.80	22.95	23.10	23.07	24.20
3GPP Rel 99	RMC 12.2Kbps	16.58	16.66	16.63	17.80	22.97	23.11	23.10	24.20
3GPP Rel 6	HSDPA Subtest-1	15.65	15.74	15.87	16.80	21.82	22.02	21.97	23.20
3GPP Rel 6	HSDPA Subtest-2	15.66	15.72	15.87	16.80	21.81	22.00	21.93	23.20
3GPP Rel 6	HSDPA Subtest-3	15.20	15.25	15.39	16.30	21.35	21.55	21.47	22.70
3GPP Rel 6	HSDPA Subtest-4	15.16	15.22	15.32	16.30	21.32	21.51	21.41	22.70
3GPP Rel 6	HSUPA Subtest-1	14.76	14.70	14.44	14.80	20.76	20.83	20.96	21.20
3GPP Rel 6	HSUPA Subtest-2	14.39	14.63	14.64	14.80	20.68	20.84	20.96	21.20
3GPP Rel 6	HSUPA Subtest-3	15.56	15.60	15.62	15.80	21.75	21.83	21.98	22.20
3GPP Rel 6	HSUPA Subtest-4	13.97	14.01	14.16	14.30	20.29	20.35	20.49	21.20
3GPP Rel 6	HSUPA Subtest-5	15.60	15.50	15.50	15.80	21.70	21.80	22.00	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.38	14.41	14.34	14.80	20.62	20.71	20.74	21.20

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.21	20.28	20.25	21.50	23.02	23.07	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	20.25	20.31	20.29	21.50	23.04	23.09	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	19.44	19.46	19.39	20.50	22.00	22.10	21.89	23.00
3GPP Rel 6	HSDPA Subtest-2	19.43	19.45	19.34	20.50	22.02	22.05	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	19.13	19.16	19.04	20.00	21.54	21.61	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	19.10	19.13	19.00	20.00	21.53	21.57	21.48	22.50
3GPP Rel 6	HSUPA Subtest-1	17.95	18.44	18.15	18.50	20.77	20.84	20.77	21.00
3GPP Rel 6	HSUPA Subtest-2	18.18	18.40	18.19	18.50	20.74	20.84	20.76	21.00
3GPP Rel 6	HSUPA Subtest-3	19.16	19.29	19.41	19.50	21.81	21.89	21.80	22.00
3GPP Rel 6	HSUPA Subtest-4	17.94	17.80	17.77	18.00	20.31	20.38	20.28	20.50
3GPP Rel 6	HSUPA Subtest-5	19.10	19.30	19.10	19.50	21.70	21.80	21.80	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.05	18.27	18.14	18.50	20.63	20.70	20.65	21.00

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	15.49	15.47	15.45	16.5	0
20	QPSK	1	49	15.70	15.71	15.52		
20	QPSK	1	99	15.43	15.38	15.42		
20	QPSK	50	0	15.50	15.58	15.48	16.5	0
20	QPSK	50	24	15.67	15.68	15.50		
20	QPSK	50	50	15.43	15.41	15.45		
20	QPSK	100	0	15.55	15.65	15.43		
20	16QAM	1	0	15.55	15.35	15.34	16.5	0
20	16QAM	1	49	15.40	15.44	15.40		
20	16QAM	1	99	15.48	15.20	15.38		
20	16QAM	50	0	15.46	15.44	15.41	16.5	0
20	16QAM	50	24	15.45	15.45	15.40		
20	16QAM	50	50	15.40	15.43	15.44		
20	16QAM	100	0	15.36	15.38	15.42		
20	64QAM	1	0	15.67	15.60	15.36	16.5	0
20	64QAM	1	49	15.68	15.47	15.48		
20	64QAM	1	99	15.64	15.26	15.33		
20	64QAM	50	0	15.44	15.44	15.50	16.5	0
20	64QAM	50	24	15.51	15.46	15.48		
20	64QAM	50	50	15.35	15.39	15.49		
20	64QAM	100	0	15.40	15.45	15.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.33	15.45	15.34	16.5	0
15	QPSK	1	37	15.36	15.45	15.40		
15	QPSK	1	74	15.45	15.31	15.32		
15	QPSK	36	0	15.56	15.45	15.41	16.5	0
15	QPSK	36	20	15.60	15.47	15.42		
15	QPSK	36	39	15.53	15.39	15.35		
15	QPSK	75	0	15.56	15.46	15.38		
15	16QAM	1	0	15.68	15.51	15.39	16.5	0
15	16QAM	1	37	15.64	15.48	15.44		
15	16QAM	1	74	15.55	15.34	15.32		
15	16QAM	36	0	15.57	15.52	15.44	16.5	0
15	16QAM	36	20	15.56	15.51	15.40		
15	16QAM	36	39	15.55	15.37	15.37		
15	16QAM	75	0	15.51	15.46	15.44		
15	64QAM	1	0	15.62	15.55	15.42	16.5	0
15	64QAM	1	37	15.67	15.53	15.47		
15	64QAM	1	74	15.52	15.39	15.38		
15	64QAM	36	0	15.59	15.54	15.48	16.5	0
15	64QAM	36	20	15.58	15.51	15.44		
15	64QAM	36	39	15.51	15.40	15.43		
15	64QAM	75	0	15.54	15.42	15.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.58	15.48	15.35	16.5	0
10	QPSK	1	25	15.58	15.47	15.43		
10	QPSK	1	49	15.52	15.38	15.41		
10	QPSK	25	0	15.55	15.49	15.45	16.5	0
10	QPSK	25	12	15.58	15.45	15.36		
10	QPSK	25	25	15.53	15.41	15.39		
10	QPSK	50	0	15.57	15.48	15.41		
10	16QAM	1	0	15.67	15.60	15.49	16.5	0
10	16QAM	1	25	15.62	15.59	15.54		
10	16QAM	1	49	15.61	15.50	15.43		
10	16QAM	25	0	15.58	15.50	15.48	16.5	0
10	16QAM	25	12	15.58	15.44	15.40		
10	16QAM	25	25	15.51	15.41	15.44		
10	16QAM	50	0	15.54	15.48	15.39		
10	64QAM	1	0	15.67	15.56	15.44	16.5	0
10	64QAM	1	25	15.64	15.56	15.46		
10	64QAM	1	49	15.63	15.46	15.41		
10	64QAM	25	0	15.67	15.60	15.57	16.5	0
10	64QAM	25	12	15.66	15.56	15.52		
10	64QAM	25	25	15.62	15.52	15.56		
10	64QAM	50	0	15.66	15.56	15.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.59	15.47	15.43	16.5	0
5	QPSK	1	12	15.66	15.48	15.42		
5	QPSK	1	24	15.52	15.44	15.43		
5	QPSK	12	0	15.56	15.48	15.43	16.5	0
5	QPSK	12	7	15.57	15.43	15.40		
5	QPSK	12	13	15.55	15.41	15.42		
5	QPSK	25	0	15.54	15.46	15.43		
5	16QAM	1	0	15.62	15.54	15.48	16.5	0
5	16QAM	1	12	15.66	15.56	15.48		
5	16QAM	1	24	15.57	15.46	15.47		
5	16QAM	12	0	15.64	15.59	15.53	16.5	0
5	16QAM	12	7	15.66	15.54	15.50		
5	16QAM	12	13	15.65	15.51	15.51		
5	16QAM	25	0	15.67	15.57	15.53		
5	64QAM	1	0	15.65	15.54	15.47	16.5	0
5	64QAM	1	12	15.68	15.57	15.47		
5	64QAM	1	24	15.57	15.49	15.47		
5	64QAM	12	0	15.69	15.61	15.56	16.5	0
5	64QAM	12	7	15.69	15.55	15.54		
5	64QAM	12	13	15.68	15.56	15.58		
5	64QAM	25	0	15.68	15.57	15.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.56	15.42	15.38	16.5	0
3	QPSK	1	8	15.52	15.40	15.37		
3	QPSK	1	14	15.56	15.41	15.39		
3	QPSK	8	0	15.56	15.44	15.39	16.5	0
3	QPSK	8	4	15.57	15.42	15.42		
3	QPSK	8	7	15.55	15.43	15.42		
3	QPSK	15	0	15.53	15.40	15.41		
3	16QAM	1	0	15.62	15.50	15.38	16.5	0
3	16QAM	1	8	15.60	15.52	15.38		
3	16QAM	1	14	15.68	15.50	15.37		
3	16QAM	8	0	15.63	15.52	15.48	16.5	0
3	16QAM	8	4	15.64	15.48	15.50		
3	16QAM	8	7	15.64	15.48	15.50		
3	16QAM	15	0	15.60	15.46	15.46		
3	64QAM	1	0	15.57	15.60	15.44	16.5	0
3	64QAM	1	8	15.59	15.47	15.44		
3	64QAM	1	14	15.63	15.50	15.49		
3	64QAM	8	0	15.62	15.53	15.44	16.5	0
3	64QAM	8	4	15.62	15.49	15.46		
3	64QAM	8	7	15.61	15.47	15.46		
3	64QAM	15	0	15.58	15.44	15.44		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.53	15.41	15.40	16.5	0
1.4	QPSK	1	3	15.55	15.41	15.38		
1.4	QPSK	1	5	15.53	15.39	15.38		
1.4	QPSK	3	0	15.54	15.44	15.43		
1.4	QPSK	3	1	15.53	15.45	15.43		
1.4	QPSK	3	3	15.55	15.40	15.43		
1.4	QPSK	6	0	15.58	15.46	15.46	16.5	0
1.4	16QAM	1	0	15.63	15.44	15.45	16.5	0
1.4	16QAM	1	3	15.61	15.49	15.41		
1.4	16QAM	1	5	15.60	15.47	15.45		
1.4	16QAM	3	0	15.35	15.25	15.21		
1.4	16QAM	3	1	15.38	15.28	15.21		
1.4	16QAM	3	3	15.36	15.17	15.20		
1.4	16QAM	6	0	15.63	15.54	15.47	16.5	0
1.4	64QAM	1	0	15.62	15.50	15.46	16.5	0
1.4	64QAM	1	3	15.61	15.46	15.46		
1.4	64QAM	1	5	15.59	15.43	15.52		
1.4	64QAM	3	0	15.57	15.47	15.43		
1.4	64QAM	3	1	15.65	15.46	15.43		
1.4	64QAM	3	3	15.69	15.56	15.52		
1.4	64QAM	6	0	15.56	15.46	15.41	16.5	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	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	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	16.38	16.51	16.52	18	0
20	QPSK	1	49	16.53	16.64	16.68		
20	QPSK	1	99	16.47	16.53	16.49		
20	QPSK	50	0	16.47	16.56	16.49	18	0
20	QPSK	50	24	16.50	16.62	16.65		
20	QPSK	50	50	16.48	16.56	16.56		
20	QPSK	100	0	16.43	16.61	16.63		
20	16QAM	1	0	16.43	16.60	16.63	18	0
20	16QAM	1	49	16.54	16.60	16.65		
20	16QAM	1	99	16.55	16.57	16.58		
20	16QAM	50	0	16.46	16.53	16.50	18	0
20	16QAM	50	24	16.45	16.57	16.59		
20	16QAM	50	50	16.43	16.53	16.60		
20	16QAM	100	0	16.44	16.53	16.54		
20	64QAM	1	0	16.30	16.46	16.52	18	0
20	64QAM	1	49	16.37	16.50	16.56		
20	64QAM	1	99	16.41	16.44	16.51		
20	64QAM	50	0	16.35	16.47	16.40	18	0
20	64QAM	50	24	16.37	16.48	16.46		
20	64QAM	50	50	16.36	16.46	16.45		
20	64QAM	100	0	16.36	16.42	16.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.48	16.59	16.62	18	0
15	QPSK	1	37	16.58	16.64	16.64		
15	QPSK	1	74	16.42	16.49	16.64		
15	QPSK	36	0	16.54	16.59	16.63	18	0
15	QPSK	36	20	16.49	16.52	16.58		
15	QPSK	36	39	16.50	16.53	16.56		
15	QPSK	75	0	16.51	16.54	16.65		
15	16QAM	1	0	16.33	16.47	16.53	18	0
15	16QAM	1	37	16.45	16.52	16.60		
15	16QAM	1	74	16.34	16.38	16.48		
15	16QAM	36	0	16.49	16.56	16.59	18	0
15	16QAM	36	20	16.47	16.59	16.56		
15	16QAM	36	39	16.49	16.54	16.64		
15	16QAM	75	0	16.51	16.46	16.63		
15	64QAM	1	0	16.45	16.56	16.53	18	0
15	64QAM	1	37	16.57	16.65	16.60		
15	64QAM	1	74	16.43	16.46	16.55		
15	64QAM	36	0	16.50	16.54	16.66	18	0
15	64QAM	36	20	16.53	16.60	16.58		
15	64QAM	36	39	16.54	16.49	16.66		
15	64QAM	75	0	16.52	16.50	16.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.46	16.57	16.60	18	0
10	QPSK	1	25	16.52	16.58	16.65		
10	QPSK	1	49	16.46	16.48	16.61		
10	QPSK	25	0	16.51	16.55	16.66	18	0
10	QPSK	25	12	16.50	16.55	16.62		
10	QPSK	25	25	16.48	16.53	16.58		
10	QPSK	50	0	16.56	16.60	16.66		
10	16QAM	1	0	16.41	16.64	16.61	18	0
10	16QAM	1	25	16.51	16.59	16.62		
10	16QAM	1	49	16.51	16.50	16.63		
10	16QAM	25	0	16.45	16.51	16.55	18	0
10	16QAM	25	12	16.40	16.46	16.59		
10	16QAM	25	25	16.40	16.51	16.60		
10	16QAM	50	0	16.44	16.47	16.59		
10	64QAM	1	0	16.50	16.64	16.64	18	0
10	64QAM	1	25	16.53	16.57	16.66		
10	64QAM	1	49	16.53	16.55	16.64		
10	64QAM	25	0	16.44	16.51	16.57	18	0
10	64QAM	25	12	16.42	16.47	16.60		
10	64QAM	25	25	16.40	16.51	16.62		
10	64QAM	50	0	16.43	16.51	16.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.46	16.57	16.63	18	0
5	QPSK	1	12	16.50	16.58	16.63		
5	QPSK	1	24	16.44	16.53	16.64		
5	QPSK	12	0	16.50	16.59	16.62	18	0
5	QPSK	12	7	16.47	16.54	16.67		
5	QPSK	12	13	16.41	16.54	16.62		
5	QPSK	25	0	16.47	16.59	16.65		
5	16QAM	1	0	16.41	16.50	16.56	18	0
5	16QAM	1	12	16.45	16.47	16.63		
5	16QAM	1	24	16.44	16.44	16.60		
5	16QAM	12	0	16.50	16.55	16.55	18	0
5	16QAM	12	7	16.45	16.55	16.59		
5	16QAM	12	13	16.38	16.56	16.54		
5	16QAM	25	0	16.47	16.61	16.61		
5	64QAM	1	0	16.39	16.53	16.59	18	0
5	64QAM	1	12	16.43	16.55	16.62		
5	64QAM	1	24	16.37	16.49	16.57		
5	64QAM	12	0	16.42	16.54	16.60	18	0
5	64QAM	12	7	16.39	16.49	16.63		
5	64QAM	12	13	16.30	16.47	16.58		
5	64QAM	25	0	16.36	16.48	16.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.44	16.53	16.60	18	0
3	QPSK	1	8	16.42	16.50	16.60		
3	QPSK	1	14	16.42	16.48	16.59		
3	QPSK	8	0	16.46	16.56	16.67	18	0
3	QPSK	8	4	16.44	16.52	16.67		
3	QPSK	8	7	16.44	16.51	16.67		
3	QPSK	15	0	16.46	16.52	16.66		
3	16QAM	1	0	16.38	16.53	16.65	18	0
3	16QAM	1	8	16.43	16.54	16.66		
3	16QAM	1	14	16.42	16.49	16.63		
3	16QAM	8	0	16.43	16.53	16.60	18	0
3	16QAM	8	4	16.43	16.48	16.63		
3	16QAM	8	7	16.40	16.47	16.61		
3	16QAM	15	0	16.39	16.45	16.59		
3	64QAM	1	0	16.46	16.62	16.65	18	0
3	64QAM	1	8	16.54	16.60	16.62		
3	64QAM	1	14	16.47	16.55	16.67		
3	64QAM	8	0	16.40	16.52	16.62	18	0
3	64QAM	8	4	16.41	16.47	16.61		
3	64QAM	8	7	16.38	16.45	16.61		
3	64QAM	15	0	16.36	16.47	16.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.45	16.53	16.64	18	0
1.4	QPSK	1	3	16.46	16.53	16.67		
1.4	QPSK	1	5	16.44	16.52	16.65		
1.4	QPSK	3	0	16.43	16.56	16.67		
1.4	QPSK	3	1	16.44	16.56	16.65		
1.4	QPSK	3	3	16.47	16.54	16.66		
1.4	QPSK	6	0	16.45	16.57	16.63	18	0
1.4	16QAM	1	0	16.41	16.55	16.66	18	0
1.4	16QAM	1	3	16.42	16.58	16.66		
1.4	16QAM	1	5	16.40	16.54	16.51		
1.4	16QAM	3	0	16.49	16.60	16.65		
1.4	16QAM	3	1	16.46	16.58	16.65		
1.4	16QAM	3	3	16.47	16.52	16.64		
1.4	16QAM	6	0	16.45	16.57	16.64	18	0
1.4	64QAM	1	0	16.39	16.56	16.57	18	0
1.4	64QAM	1	3	16.43	16.48	16.56		
1.4	64QAM	1	5	16.37	16.44	16.54		
1.4	64QAM	3	0	16.29	16.49	16.57		
1.4	64QAM	3	1	16.30	16.48	16.59		
1.4	64QAM	3	3	16.33	16.43	16.58		
1.4	64QAM	6	0	16.43	16.55	16.62	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.38	22.44	24.1	0
20	QPSK	1	49	22.55	22.58	22.59		
20	QPSK	1	99	22.43	22.41	22.44		
20	QPSK	50	0	21.39	21.54	21.32	23.1	1
20	QPSK	50	24	21.52	21.58	21.59		
20	QPSK	50	50	21.45	21.57	21.41		
20	QPSK	100	0	21.46	21.52	21.54		
20	16QAM	1	0	21.69	21.62	21.88	23.1	1
20	16QAM	1	49	21.91	21.87	21.99		
20	16QAM	1	99	21.74	21.65	21.81		
20	16QAM	50	0	20.50	20.61	20.32	22.1	2
20	16QAM	50	24	20.39	20.60	20.49		
20	16QAM	50	50	20.48	20.57	20.43		
20	16QAM	100	0	20.43	20.56	20.40		
20	64QAM	1	0	20.47	20.41	20.41	22.1	2
20	64QAM	1	49	20.52	20.56	20.54		
20	64QAM	1	99	20.49	20.42	20.31		
20	64QAM	50	0	19.68	19.67	19.38	21.1	3
20	64QAM	50	24	19.61	19.72	19.59		
20	64QAM	50	50	19.60	19.49	19.56		
20	64QAM	100	0	19.63	19.65	19.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.20	22.35	22.43	24.1	0
15	QPSK	1	37	22.37	22.46	22.53		
15	QPSK	1	74	22.25	22.31	22.41		
15	QPSK	36	0	21.25	21.37	21.48	23.1	1
15	QPSK	36	20	21.28	21.36	21.46		
15	QPSK	36	39	21.24	21.38	21.41		
15	QPSK	75	0	21.28	21.38	21.50		
15	16QAM	1	0	21.39	21.59	21.64	23.1	1
15	16QAM	1	37	21.59	21.68	21.70		
15	16QAM	1	74	21.49	21.50	21.60		
15	16QAM	36	0	20.30	20.35	20.46	22.1	2
15	16QAM	36	20	20.31	20.39	20.45		
15	16QAM	36	39	20.27	20.35	20.45		
15	16QAM	75	0	20.25	20.37	20.43		
15	64QAM	1	0	20.22	20.46	20.50	22.1	2
15	64QAM	1	37	20.46	20.59	20.61		
15	64QAM	1	74	20.30	20.41	20.47		
15	64QAM	36	0	19.40	19.48	19.59	21.1	3
15	64QAM	36	20	19.45	19.53	19.45		
15	64QAM	36	39	19.44	19.54	19.39		
15	64QAM	75	0	19.43	19.49	19.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.22	22.44	22.46	24.1	0
10	QPSK	1	25	22.35	22.48	22.56		
10	QPSK	1	49	22.31	22.36	22.47		
10	QPSK	25	0	21.26	21.40	21.50	23.1	1
10	QPSK	25	12	21.31	21.41	21.51		
10	QPSK	25	25	21.30	21.41	21.52		
10	QPSK	50	0	21.34	21.44	21.57		
10	16QAM	1	0	21.40	21.67	21.67	23.1	1
10	16QAM	1	25	21.55	21.69	21.76		
10	16QAM	1	49	21.54	21.56	21.65		
10	16QAM	25	0	20.25	20.41	20.50	22.1	2
10	16QAM	25	12	20.29	20.39	20.53		
10	16QAM	25	25	20.29	20.39	20.51		
10	16QAM	50	0	20.31	20.41	20.49		
10	64QAM	1	0	20.30	20.55	20.55	22.1	2
10	64QAM	1	25	20.45	20.55	20.64		
10	64QAM	1	49	20.40	20.46	20.57		
10	64QAM	25	0	19.43	19.58	19.47	21.1	3
10	64QAM	25	12	19.48	19.53	19.48		
10	64QAM	25	25	19.45	19.56	19.45		
10	64QAM	50	0	19.43	19.57	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.26	22.47	22.54	24.1	0
5	QPSK	1	12	22.32	22.50	22.54		
5	QPSK	1	24	22.30	22.42	22.52		
5	QPSK	12	0	21.26	21.46	21.53	23.1	1
5	QPSK	12	7	21.25	21.41	21.52		
5	QPSK	12	13	21.19	21.39	21.48		
5	QPSK	25	0	21.23	21.44	21.52		
5	16QAM	1	0	21.40	21.65	21.73	23.1	1
5	16QAM	1	12	21.47	21.70	21.75		
5	16QAM	1	24	21.45	21.61	21.70		
5	16QAM	12	0	20.24	20.40	20.45	22.1	2
5	16QAM	12	7	20.21	20.36	20.50		
5	16QAM	12	13	20.15	20.38	20.44		
5	16QAM	25	0	20.20	20.42	20.52		
5	64QAM	1	0	20.32	20.55	20.64	22.1	2
5	64QAM	1	12	20.38	20.60	20.65		
5	64QAM	1	24	20.37	20.51	20.59		
5	64QAM	12	0	19.41	19.58	19.46	21.1	3
5	64QAM	12	7	19.38	19.57	19.52		
5	64QAM	12	13	19.35	19.57	19.45		
5	64QAM	25	0	19.34	19.55	19.48		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.24	22.42	22.48	24.1	0
3	QPSK	1	8	22.25	22.42	22.52		
3	QPSK	1	14	22.23	22.39	22.50		
3	QPSK	8	0	21.22	21.42	21.52	23.1	1
3	QPSK	8	4	21.22	21.40	21.52		
3	QPSK	8	7	21.19	21.37	21.50		
3	QPSK	15	0	21.20	21.38	21.49		
3	16QAM	1	0	21.41	21.66	21.72	23.1	1
3	16QAM	1	8	21.45	21.62	21.76		
3	16QAM	1	14	21.44	21.61	21.69		
3	16QAM	8	0	20.26	20.46	20.56	22.1	2
3	16QAM	8	4	20.25	20.44	20.55		
3	16QAM	8	7	20.23	20.40	20.53		
3	16QAM	15	0	20.20	20.38	20.52		
3	64QAM	1	0	20.27	20.55	20.62	22.1	2
3	64QAM	1	8	20.35	20.55	20.65		
3	64QAM	1	14	20.30	20.51	20.59		
3	64QAM	8	0	19.39	19.58	19.50	21.1	3
3	64QAM	8	4	19.38	19.55	19.49		
3	64QAM	8	7	19.39	19.55	19.47		
3	64QAM	15	0	19.34	19.52	19.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.22	22.41	22.51	24.1	0
1.4	QPSK	1	3	22.24	22.43	22.53		
1.4	QPSK	1	5	22.23	22.41	22.51		
1.4	QPSK	3	0	22.22	22.44	22.55		
1.4	QPSK	3	1	22.24	22.45	22.54		
1.4	QPSK	3	3	22.24	22.41	22.53		
1.4	QPSK	6	0	21.23	21.43	21.53	23.1	1
1.4	16QAM	1	0	21.39	21.67	21.72	23.1	1
1.4	16QAM	1	3	21.42	21.67	21.72		
1.4	16QAM	1	5	21.38	21.66	21.70		
1.4	16QAM	3	0	21.23	21.42	21.52		
1.4	16QAM	3	1	21.23	21.43	21.52		
1.4	16QAM	3	3	21.23	21.39	21.50		
1.4	16QAM	6	0	20.27	20.48	20.55	22.1	2
1.4	64QAM	1	0	20.31	20.55	20.64	22.1	2
1.4	64QAM	1	3	20.29	20.53	20.61		
1.4	64QAM	1	5	20.29	20.54	20.59		
1.4	64QAM	3	0	20.30	20.54	20.62		
1.4	64QAM	3	1	20.33	20.53	20.63		
1.4	64QAM	3	3	20.30	20.48	20.61		
1.4	64QAM	6	0	19.31	19.54	19.44	21.1	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	20.60	20.63	20.49	22	0
10	QPSK	1	25	20.69	20.85	20.74		
10	QPSK	1	49	20.60	20.62	20.55		
10	QPSK	25	0	20.66	20.64	20.56	22	0
10	QPSK	25	12	20.68	20.83	20.71		
10	QPSK	25	25	20.66	20.62	20.57		
10	QPSK	50	0	20.67	20.80	20.66		
10	16QAM	1	0	20.83	20.79	20.79	22	0
10	16QAM	1	25	20.78	20.84	20.82		
10	16QAM	1	49	20.77	20.64	20.74		
10	16QAM	25	0	20.69	20.66	20.63	22	0
10	16QAM	25	12	20.69	20.69	20.61		
10	16QAM	25	25	20.70	20.63	20.61		
10	16QAM	50	0	20.66	20.66	20.63		
10	64QAM	1	0	20.72	20.81	20.67	22	0
10	64QAM	1	25	20.81	20.83	20.70		
10	64QAM	1	49	20.78	20.78	20.67		
10	64QAM	25	0	20.21	20.15	20.11	21.5	0.5
10	64QAM	25	12	20.19	20.16	20.09		
10	64QAM	25	25	20.18	20.14	20.09		
10	64QAM	50	0	20.17	20.14	20.12		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.68	20.68	20.61	22	0
5	QPSK	1	12	20.74	20.79	20.63		
5	QPSK	1	24	20.65	20.70	20.59		
5	QPSK	12	0	20.71	20.69	20.63	22	0
5	QPSK	12	7	20.70	20.71	20.64		
5	QPSK	12	13	20.68	20.69	20.59		
5	QPSK	25	0	20.73	20.71	20.66		
5	16QAM	1	0	20.75	20.75	20.68	22	0
5	16QAM	1	12	20.82	20.81	20.71		
5	16QAM	1	24	20.77	20.71	20.66		
5	16QAM	12	0	20.69	20.69	20.65	22	0
5	16QAM	12	7	20.70	20.70	20.64		
5	16QAM	12	13	20.67	20.68	20.60		
5	16QAM	25	0	20.75	20.74	20.64		
5	64QAM	1	0	20.74	20.70	20.71	22	0
5	64QAM	1	12	20.81	20.80	20.77		
5	64QAM	1	24	20.74	20.73	20.68		
5	64QAM	12	0	20.23	20.27	20.18	21.5	0.5
5	64QAM	12	7	20.24	20.23	20.19		
5	64QAM	12	13	20.23	20.19	20.06		
5	64QAM	25	0	20.23	20.20	20.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.68	20.73	20.57	22	0
3	QPSK	1	8	20.71	20.70	20.58		
3	QPSK	1	14	20.68	20.70	20.53		
3	QPSK	8	0	20.71	20.71	20.63	22	0
3	QPSK	8	4	20.70	20.70	20.61		
3	QPSK	8	7	20.68	20.68	20.58		
3	QPSK	15	0	20.71	20.69	20.61		
3	16QAM	1	0	20.78	20.81	20.67	22	0
3	16QAM	1	8	20.84	20.78	20.67		
3	16QAM	1	14	20.78	20.76	20.60		
3	16QAM	8	0	20.80	20.78	20.71	22	0
3	16QAM	8	4	20.79	20.78	20.71		
3	16QAM	8	7	20.80	20.75	20.67		
3	16QAM	15	0	20.76	20.72	20.70		
3	64QAM	1	0	20.71	20.77	20.68	22	0
3	64QAM	1	8	20.75	20.75	20.74		
3	64QAM	1	14	20.72	20.74	20.71		
3	64QAM	8	0	20.23	20.23	20.16	21.5	0.5
3	64QAM	8	4	20.25	20.23	20.17		
3	64QAM	8	7	20.25	20.21	20.14		
3	64QAM	15	0	20.18	20.15	20.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.65	20.68	20.56	22	0
1.4	QPSK	1	3	20.71	20.72	20.57		
1.4	QPSK	1	5	20.68	20.69	20.57		
1.4	QPSK	3	0	20.73	20.70	20.61		
1.4	QPSK	3	1	20.71	20.70	20.61		
1.4	QPSK	3	3	20.72	20.72	20.60		
1.4	QPSK	6	0	20.72	20.70	20.62	22	0
1.4	16QAM	1	0	20.79	20.79	20.75	22	0
1.4	16QAM	1	3	20.79	20.81	20.75		
1.4	16QAM	1	5	20.75	20.79	20.74		
1.4	16QAM	3	0	20.73	20.68	20.64		
1.4	16QAM	3	1	20.74	20.70	20.64		
1.4	16QAM	3	3	20.71	20.68	20.63		
1.4	16QAM	6	0	20.76	20.75	20.69	22	0
1.4	64QAM	1	0	20.73	20.75	20.70	22	0
1.4	64QAM	1	3	20.72	20.76	20.69		
1.4	64QAM	1	5	20.77	20.78	20.66		
1.4	64QAM	3	0	20.71	20.79	20.66		
1.4	64QAM	3	1	20.72	20.72	20.72		
1.4	64QAM	3	3	20.70	20.74	20.69		
1.4	64QAM	6	0	20.21	20.21	20.07	21.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.21	23.27	23.14	24.5	0
10	QPSK	1	25	23.28	23.33	23.21		
10	QPSK	1	49	23.21	23.24	23.17		
10	QPSK	25	0	22.21	22.22	22.18	23.5	1
10	QPSK	25	12	22.24	22.27	22.23		
10	QPSK	25	25	22.22	22.25	22.16		
10	QPSK	50	0	22.21	22.24	22.19		
10	16QAM	1	0	22.39	22.51	22.36	23.5	1
10	16QAM	1	25	22.52	22.54	22.41		
10	16QAM	1	49	22.47	22.46	22.37		
10	16QAM	25	0	21.26	21.21	21.21	22.5	2
10	16QAM	25	12	21.22	21.26	21.18		
10	16QAM	25	25	21.22	21.19	21.15		
10	16QAM	50	0	21.22	21.22	21.22		
10	64QAM	1	0	21.32	21.37	21.20	22.5	2
10	64QAM	1	25	21.41	21.44	21.27		
10	64QAM	1	49	21.36	21.35	21.25		
10	64QAM	25	0	20.22	20.20	20.20	21.5	3
10	64QAM	25	12	20.21	20.23	20.17		
10	64QAM	25	25	20.20	20.16	20.10		
10	64QAM	50	0	20.19	20.18	20.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.28	23.20	24.5	0
5	QPSK	1	12	23.29	23.31	23.23		
5	QPSK	1	24	23.26	23.29	23.21		
5	QPSK	12	0	22.27	22.27	22.21	23.5	1
5	QPSK	12	7	22.22	22.25	22.20		
5	QPSK	12	13	22.21	22.23	22.15		
5	QPSK	25	0	22.25	22.25	22.21		
5	16QAM	1	0	22.46	22.47	22.36	23.5	1
5	16QAM	1	12	22.50	22.51	22.43		
5	16QAM	1	24	22.45	22.46	22.35		
5	16QAM	12	0	21.20	21.22	21.18	22.5	2
5	16QAM	12	7	21.20	21.22	21.17		
5	16QAM	12	13	21.18	21.21	21.11		
5	16QAM	25	0	21.22	21.24	21.21		
5	64QAM	1	0	21.37	21.33	21.31	22.5	2
5	64QAM	1	12	21.44	21.43	21.34		
5	64QAM	1	24	21.36	21.34	21.27		
5	64QAM	12	0	20.25	20.20	20.18	21.5	3
5	64QAM	12	7	20.23	20.23	20.16		
5	64QAM	12	13	20.20	20.20	20.15		
5	64QAM	25	0	20.21	20.20	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.26	23.29	23.16	24.5	0
3	QPSK	1	8	23.26	23.27	23.18		
3	QPSK	1	14	23.24	23.26	23.16		
3	QPSK	8	0	22.24	22.25	22.18	23.5	1
3	QPSK	8	4	22.23	22.24	22.18		
3	QPSK	8	7	22.18	22.22	22.14		
3	QPSK	15	0	22.20	22.21	22.16		
3	16QAM	1	0	22.39	22.48	22.38	23.5	1
3	16QAM	1	8	22.45	22.51	22.41		
3	16QAM	1	14	22.45	22.45	22.40		
3	16QAM	8	0	21.29	21.30	21.22	22.5	2
3	16QAM	8	4	21.27	21.29	21.20		
3	16QAM	8	7	21.27	21.26	21.19		
3	16QAM	15	0	21.24	21.23	21.19		
3	64QAM	1	0	21.34	21.37	21.30	22.5	2
3	64QAM	1	8	21.38	21.41	21.30		
3	64QAM	1	14	21.35	21.37	21.27		
3	64QAM	8	0	20.23	20.23	20.17	21.5	3
3	64QAM	8	4	20.22	20.22	20.17		
3	64QAM	8	7	20.21	20.21	20.16		
3	64QAM	15	0	20.17	20.18	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.27	23.16	24.5	0
1.4	QPSK	1	3	23.24	23.26	23.17		
1.4	QPSK	1	5	23.23	23.27	23.16		
1.4	QPSK	3	0	23.28	23.26	23.17		
1.4	QPSK	3	1	23.26	23.27	23.20		
1.4	QPSK	3	3	23.26	23.27	23.21		
1.4	QPSK	6	0	22.28	22.27	22.19	23.5	1
1.4	16QAM	1	0	22.43	22.50	22.37	23.5	1
1.4	16QAM	1	3	22.45	22.50	22.40		
1.4	16QAM	1	5	22.42	22.50	22.36		
1.4	16QAM	3	0	22.26	22.25	22.21		
1.4	16QAM	3	1	22.27	22.26	22.20		
1.4	16QAM	3	3	22.25	22.24	22.18		
1.4	16QAM	6	0	21.31	21.30	21.21	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.31	22.5	2
1.4	64QAM	1	3	21.37	21.42	21.31		
1.4	64QAM	1	5	21.37	21.39	21.25		
1.4	64QAM	3	0	21.28	21.30	21.26		
1.4	64QAM	3	1	21.30	21.31	21.27		
1.4	64QAM	3	3	21.32	21.32	21.24		
1.4	64QAM	6	0	20.19	20.16	20.12	21.5	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	12.49	12.46	12.50	14	0
20	QPSK	1	49	12.55	12.87	12.64		
20	QPSK	1	99	12.46	12.63	12.60		
20	QPSK	50	0	12.45	12.62	12.65	14	0
20	QPSK	50	24	12.58	12.78	12.77		
20	QPSK	50	50	12.56	12.66	12.76		
20	QPSK	100	0	12.51	12.75	12.71		
20	16QAM	1	0	12.71	12.85	12.86	14	0
20	16QAM	1	49	12.82	12.84	12.85		
20	16QAM	1	99	12.86	12.83	12.82		
20	16QAM	50	0	12.46	12.59	12.69	14	0
20	16QAM	50	24	12.56	12.69	12.73		
20	16QAM	50	50	12.55	12.63	12.86		
20	16QAM	100	0	12.48	12.66	12.77		
20	64QAM	1	0	12.52	12.72	12.72	14	0
20	64QAM	1	49	12.75	12.86	12.85		
20	64QAM	1	99	12.66	12.86	12.77		
20	64QAM	50	0	12.47	12.61	12.70	14	0
20	64QAM	50	24	12.56	12.67	12.73		
20	64QAM	50	50	12.52	12.64	12.86		
20	64QAM	100	0	12.47	12.64	12.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.35	12.32	12.47	14	0
15	QPSK	1	37	12.33	12.79	12.68		
15	QPSK	1	74	12.29	12.36	12.55		
15	QPSK	36	0	12.31	12.60	12.47	14	0
15	QPSK	36	20	12.35	12.82	12.77		
15	QPSK	36	39	12.41	12.73	12.80		
15	QPSK	75	0	12.55	12.55	12.72		
15	16QAM	1	0	12.79	12.79	12.69	14	0
15	16QAM	1	37	12.83	12.84	12.78		
15	16QAM	1	74	12.71	12.78	12.84		
15	16QAM	36	0	12.42	12.36	12.71	14	0
15	16QAM	36	20	12.45	12.76	12.75		
15	16QAM	36	39	12.42	12.60	12.71		
15	16QAM	75	0	12.51	12.62	12.68		
15	64QAM	1	0	12.49	12.71	12.74	14	0
15	64QAM	1	37	12.64	12.72	12.84		
15	64QAM	1	74	12.53	12.79	12.83		
15	64QAM	36	0	12.53	12.62	12.42	14	0
15	64QAM	36	20	12.47	12.50	12.65		
15	64QAM	36	39	12.36	12.70	12.73		
15	64QAM	75	0	12.37	12.48	12.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.56	12.25	12.36	14	0
10	QPSK	1	25	12.40	12.64	12.40		
10	QPSK	1	49	12.54	12.41	12.64		
10	QPSK	25	0	12.36	12.58	12.48	14	0
10	QPSK	25	12	12.33	12.65	12.54		
10	QPSK	25	25	12.38	12.73	12.75		
10	QPSK	50	0	12.31	12.54	12.70		
10	16QAM	1	0	12.58	12.77	12.63	14	0
10	16QAM	1	25	12.81	12.62	12.78		
10	16QAM	1	49	12.62	12.81	12.60		
10	16QAM	25	0	12.18	12.48	12.63	14	0
10	16QAM	25	12	12.42	12.69	12.68		
10	16QAM	25	25	12.53	12.67	12.63		
10	16QAM	50	0	12.55	12.72	12.53		
10	64QAM	1	0	12.40	12.80	12.64	14	0
10	64QAM	1	25	12.73	12.61	12.64		
10	64QAM	1	49	12.52	12.58	12.58		
10	64QAM	25	0	12.43	12.61	12.57	14	0
10	64QAM	25	12	12.53	12.51	12.66		
10	64QAM	25	25	12.50	12.64	12.71		
10	64QAM	50	0	12.53	12.55	12.56		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.39	12.29	12.26	14	0
5	QPSK	1	12	12.39	12.70	12.51		
5	QPSK	1	24	12.43	12.43	12.46		
5	QPSK	12	0	12.23	12.69	12.37	14	0
5	QPSK	12	7	12.40	12.56	12.63		
5	QPSK	12	13	12.53	12.40	12.64		
5	QPSK	25	0	12.30	12.65	12.72		
5	16QAM	1	0	12.55	12.80	12.59	14	0
5	16QAM	1	12	12.69	12.68	12.74		
5	16QAM	1	24	12.61	12.60	12.72		
5	16QAM	12	0	12.52	12.44	12.52	14	0
5	16QAM	12	7	12.32	12.56	12.64		
5	16QAM	12	13	12.56	12.51	12.65		
5	16QAM	25	0	12.42	12.68	12.73		
5	64QAM	1	0	12.60	12.66	12.63	14	0
5	64QAM	1	12	12.58	12.60	12.83		
5	64QAM	1	24	12.71	12.68	12.55		
5	64QAM	12	0	12.40	12.38	12.59	14	0
5	64QAM	12	7	12.35	12.59	12.65		
5	64QAM	12	13	12.43	12.53	12.83		
5	64QAM	25	0	12.38	12.45	12.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.85	22.87	22.85	24	0
10	QPSK	1	25	22.92	22.95	22.86		
10	QPSK	1	49	22.85	22.85	22.80		
10	QPSK	25	0	22.43	22.35	22.29	23.5	0.5
10	QPSK	25	12	22.45	22.54	22.40		
10	QPSK	25	25	22.41	22.53	22.22		
10	QPSK	50	0	22.44	22.52	22.30		
10	16QAM	1	0	22.19	22.41	22.24	23.5	0.5
10	16QAM	1	25	22.33	22.31	22.23		
10	16QAM	1	49	22.28	22.29	22.23		
10	16QAM	25	0	21.44	21.34	21.18	22.5	1.5
10	16QAM	25	12	21.40	21.45	21.38		
10	16QAM	25	25	21.47	21.59	21.24		
10	16QAM	50	0	21.47	21.44	21.28		
10	64QAM	1	0	21.29	21.55	21.57	22.5	1.5
10	64QAM	1	25	21.43	21.63	21.64		
10	64QAM	1	49	21.38	21.62	21.67		
10	64QAM	25	0	20.55	20.49	20.38	21.5	2.5
10	64QAM	25	12	20.50	20.54	20.54		
10	64QAM	25	25	20.63	20.70	20.38		
10	64QAM	50	0	20.59	20.51	20.43		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.72	22.70	22.77	24	0
5	QPSK	1	12	22.81	22.81	22.94		
5	QPSK	1	24	22.63	22.84	22.66		
5	QPSK	12	0	22.30	22.18	22.36	23.5	0.5
5	QPSK	12	7	22.49	22.52	22.13		
5	QPSK	12	13	22.31	22.59	22.13		
5	QPSK	25	0	22.24	22.30	22.32		
5	16QAM	1	0	22.25	22.45	22.32	23.5	0.5
5	16QAM	1	12	22.10	22.11	22.25		
5	16QAM	1	24	22.33	22.36	22.07		
5	16QAM	12	0	21.38	21.36	21.15	22.5	1.5
5	16QAM	12	7	21.23	21.42	21.41		
5	16QAM	12	13	21.26	21.47	21.06		
5	16QAM	25	0	21.20	21.46	21.01		
5	64QAM	1	0	21.12	21.31	21.50	22.5	1.5
5	64QAM	1	12	21.21	21.50	21.45		
5	64QAM	1	24	21.35	21.51	21.51		
5	64QAM	12	0	20.61	20.43	20.33	21.5	2.5
5	64QAM	12	7	20.26	20.45	20.40		
5	64QAM	12	13	20.68	20.68	20.34		
5	64QAM	25	0	20.40	20.51	20.18		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.69	22.70	22.61	24	0
3	QPSK	1	8	22.94	22.86	22.66		
3	QPSK	1	14	22.57	22.69	22.81		
3	QPSK	8	0	22.17	22.43	22.19	23.5	0.5
3	QPSK	8	4	22.22	22.39	22.20		
3	QPSK	8	7	22.14	22.40	22.29		
3	QPSK	15	0	22.51	22.60	22.26		
3	16QAM	1	0	22.05	22.22	22.18	23.5	0.5
3	16QAM	1	8	22.23	22.25	22.23		
3	16QAM	1	14	22.01	22.11	22.22		
3	16QAM	8	0	21.45	21.27	21.21	22.5	1.5
3	16QAM	8	4	21.20	21.52	21.42		
3	16QAM	8	7	21.29	21.60	21.11		
3	16QAM	15	0	21.42	21.46	21.18		
3	64QAM	1	0	21.34	21.37	21.48	22.5	1.5
3	64QAM	1	8	21.47	21.40	21.49		
3	64QAM	1	14	21.35	21.46	21.61		
3	64QAM	8	0	20.30	20.35	20.36	21.5	2.5
3	64QAM	8	4	20.40	20.31	20.39		
3	64QAM	8	7	20.61	20.42	20.45		
3	64QAM	15	0	20.39	20.59	20.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.84	22.88	22.64	24	0
1.4	QPSK	1	3	22.65	22.85	22.85		
1.4	QPSK	1	5	22.58	22.80	22.64		
1.4	QPSK	3	0	22.58	22.73	22.41		
1.4	QPSK	3	1	22.68	22.67	22.69		
1.4	QPSK	3	3	22.75	22.90	22.68		
1.4	QPSK	6	0	22.38	22.48	22.05	23.5	0.5
1.4	16QAM	1	0	22.07	22.24	22.32	23.5	0.5
1.4	16QAM	1	3	22.11	22.07	22.27		
1.4	16QAM	1	5	22.24	22.18	22.15		
1.4	16QAM	3	0	22.14	22.13	21.90		
1.4	16QAM	3	1	21.99	22.25	22.04		
1.4	16QAM	3	3	22.13	22.12	21.99		
1.4	16QAM	6	0	21.54	21.42	21.21	22.5	1.5
1.4	64QAM	1	0	21.29	21.28	21.38	22.5	1.5
1.4	64QAM	1	3	21.19	21.48	21.51		
1.4	64QAM	1	5	21.17	21.55	21.48		
1.4	64QAM	3	0	21.27	21.15	21.10		
1.4	64QAM	3	1	21.35	21.11	21.06		
1.4	64QAM	3	3	21.40	21.43	21.21		
1.4	64QAM	6	0	20.60	20.58	20.20	21.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.40	23.51	23.33	24.5	0
10	QPSK	1	25	23.50	23.54	23.48		
10	QPSK	1	49	23.47	23.50	23.47		
10	QPSK	25	0	22.43	22.40	22.29	23.5	1
10	QPSK	25	12	22.45	22.48	22.31		
10	QPSK	25	25	22.44	22.41	22.27		
10	QPSK	50	0	22.46	22.48	22.33		
10	16QAM	1	0	22.80	22.75	22.84	23.5	1
10	16QAM	1	25	22.82	22.85	22.84		
10	16QAM	1	49	22.86	22.84	22.85		
10	16QAM	25	0	21.40	21.32	21.31	22.5	2
10	16QAM	25	12	21.35	21.37	21.48		
10	16QAM	25	25	21.42	21.50	21.36		
10	16QAM	50	0	21.49	21.45	21.27		
10	64QAM	1	0	21.59	21.40	21.61	22.5	2
10	64QAM	1	25	21.62	21.57	21.65		
10	64QAM	1	49	21.73	21.47	21.60		
10	64QAM	25	0	20.57	20.52	20.48	21.5	3
10	64QAM	25	12	20.57	20.61	20.57		
10	64QAM	25	25	20.62	20.67	20.41		
10	64QAM	50	0	20.55	20.57	20.38		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.29	23.37	23.36	24.5	0
5	QPSK	1	12	23.43	23.38	23.39		
5	QPSK	1	24	23.45	23.45	23.43		
5	QPSK	12	0	22.27	22.27	22.28	23.5	1
5	QPSK	12	7	22.33	22.35	22.22		
5	QPSK	12	13	22.31	22.33	22.13		
5	QPSK	25	0	22.30	22.32	22.22		
5	16QAM	1	0	22.71	22.68	22.70	23.5	1
5	16QAM	1	12	22.83	22.74	22.72		
5	16QAM	1	24	22.74	22.86	22.65		
5	16QAM	12	0	21.28	21.27	21.22	22.5	2
5	16QAM	12	7	21.35	21.34	21.19		
5	16QAM	12	13	21.27	21.42	21.06		
5	16QAM	25	0	21.31	21.29	21.26		
5	64QAM	1	0	21.63	21.55	20.93	22.5	2
5	64QAM	1	12	21.56	21.25	21.32		
5	64QAM	1	24	21.55	21.17	21.01		
5	64QAM	12	0	20.44	20.41	20.42	21.5	3
5	64QAM	12	7	20.45	20.41	20.44		
5	64QAM	12	13	20.46	20.51	20.33		
5	64QAM	25	0	20.47	20.46	20.44		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.23	23.27	23.29	24.5	0
3	QPSK	1	8	23.22	23.28	23.30		
3	QPSK	1	14	23.32	23.31	23.32		
3	QPSK	8	0	22.24	22.28	22.17	23.5	1
3	QPSK	8	4	22.27	22.37	22.18		
3	QPSK	8	7	22.24	22.30	22.17		
3	QPSK	15	0	22.26	22.23	22.25		
3	16QAM	1	0	22.57	22.57	22.56	23.5	1
3	16QAM	1	8	22.55	22.62	22.56		
3	16QAM	1	14	22.66	22.63	22.51		
3	16QAM	8	0	21.25	21.24	21.20	22.5	2
3	16QAM	8	4	21.24	21.28	21.28		
3	16QAM	8	7	21.27	21.26	21.27		
3	16QAM	15	0	21.33	21.36	21.09		
3	64QAM	1	0	21.28	21.58	21.40	22.5	2
3	64QAM	1	8	21.31	21.32	21.24		
3	64QAM	1	14	21.36	21.32	21.22		
3	64QAM	8	0	20.48	20.49	20.36	21.5	3
3	64QAM	8	4	20.46	20.50	20.37		
3	64QAM	8	7	20.41	20.51	20.52		
3	64QAM	15	0	20.43	20.50	20.38		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.22	23.27	23.02	24.5	0
1.4	QPSK	1	3	23.22	23.25	23.07		
1.4	QPSK	1	5	23.25	23.17	23.05		
1.4	QPSK	3	0	23.31	23.29	23.15		
1.4	QPSK	3	1	23.30	23.35	23.24		
1.4	QPSK	3	3	23.29	23.31	23.15		
1.4	QPSK	6	0	22.30	22.27	22.25	23.5	1
1.4	16QAM	1	0	22.41	22.22	22.03	23.5	1
1.4	16QAM	1	3	22.42	22.27	22.02		
1.4	16QAM	1	5	22.42	22.23	22.05		
1.4	16QAM	3	0	22.42	22.33	22.27		
1.4	16QAM	3	1	22.37	22.35	22.35		
1.4	16QAM	3	3	22.31	22.32	22.23		
1.4	16QAM	6	0	21.27	21.21	21.22	22.5	2
1.4	64QAM	1	0	21.56	21.67	21.45	22.5	2
1.4	64QAM	1	3	21.50	21.64	21.48		
1.4	64QAM	1	5	21.53	21.55	21.20		
1.4	64QAM	3	0	21.49	21.50	21.22		
1.4	64QAM	3	1	21.48	21.52	21.23		
1.4	64QAM	3	3	21.46	21.54	21.27		
1.4	64QAM	6	0	20.48	20.45	20.31	21.5	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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.64	22.84	22.84	24	0
10	QPSK	1	25	22.91	22.93	22.91		
10	QPSK	1	49	22.69	22.87	22.87		
10	QPSK	25	0	22.09	22.29	22.25	23.5	0.5
10	QPSK	25	12	22.36	22.40	22.33		
10	QPSK	25	25	22.23	22.28	22.19		
10	QPSK	50	0	22.17	22.37	22.29		
10	16QAM	1	0	22.25	22.52	22.51	23.5	0.5
10	16QAM	1	25	22.41	22.59	22.50		
10	16QAM	1	49	22.33	22.46	22.42		
10	16QAM	25	0	21.08	21.15	21.16	22.5	1.5
10	16QAM	25	12	21.13	21.37	21.30		
10	16QAM	25	25	21.22	21.27	21.12		
10	16QAM	50	0	21.16	21.29	21.19		
10	64QAM	1	0	21.24	21.38	21.65	22.5	1.5
10	64QAM	1	25	21.22	21.67	21.69		
10	64QAM	1	49	21.20	21.64	21.59		
10	64QAM	25	0	20.25	20.40	20.35	21.5	2.5
10	64QAM	25	12	20.30	20.53	20.55		
10	64QAM	25	25	20.36	20.44	20.32		
10	64QAM	50	0	20.27	20.43	20.37		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.45	22.90	22.68	24	0
5	QPSK	1	12	22.84	22.78	22.85		
5	QPSK	1	24	22.49	22.91	22.82		
5	QPSK	12	0	21.99	22.25	22.22	23.5	0.5
5	QPSK	12	7	22.41	22.39	22.09		
5	QPSK	12	13	22.20	22.29	22.02		
5	QPSK	25	0	22.00	22.42	22.05		
5	16QAM	1	0	22.13	22.45	22.54	23.5	0.5
5	16QAM	1	12	22.45	22.63	22.32		
5	16QAM	1	24	22.23	22.25	22.46		
5	16QAM	12	0	20.95	21.21	20.89	22.5	1.5
5	16QAM	12	7	21.07	21.38	21.23		
5	16QAM	12	13	21.17	21.23	21.16		
5	16QAM	25	0	21.00	21.18	21.19		
5	64QAM	1	0	21.00	21.31	21.48	22.5	1.5
5	64QAM	1	12	21.00	21.34	21.42		
5	64QAM	1	24	21.22	21.42	21.34		
5	64QAM	12	0	20.14	20.30	20.15	21.5	2.5
5	64QAM	12	7	20.21	20.57	20.48		
5	64QAM	12	13	20.14	20.48	20.17		
5	64QAM	25	0	20.13	20.44	20.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.38	23.28	23.35	24.5	0
10	QPSK	1	25	23.43	23.52	23.47		
10	QPSK	1	49	23.39	23.46	23.43		
10	QPSK	25	0	22.27	22.24	22.22	23.5	1
10	QPSK	25	12	22.35	22.40	22.39		
10	QPSK	25	25	22.31	22.30	22.24		
10	QPSK	50	0	22.10	22.39	22.30		
10	16QAM	1	0	22.46	22.71	22.77	23.5	1
10	16QAM	1	25	22.86	22.78	22.88		
10	16QAM	1	49	22.49	22.72	22.86		
10	16QAM	25	0	21.28	21.28	21.22	22.5	2
10	16QAM	25	12	21.34	21.44	21.38		
10	16QAM	25	25	21.29	21.32	21.27		
10	16QAM	50	0	21.30	21.27	21.28		
10	64QAM	1	0	21.57	21.27	21.23	22.5	2
10	64QAM	1	25	21.64	21.66	21.44		
10	64QAM	1	49	21.73	21.68	21.46		
10	64QAM	25	0	20.44	20.46	20.43	21.5	3
10	64QAM	25	12	20.46	20.57	20.61		
10	64QAM	25	25	20.65	20.54	20.41		
10	64QAM	50	0	20.46	20.51	20.45		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.30	23.35	23.30	24.5	0
5	QPSK	1	12	23.30	23.44	23.25		
5	QPSK	1	24	23.36	23.37	23.25		
5	QPSK	12	0	22.21	22.30	22.31	23.5	1
5	QPSK	12	7	22.26	22.37	22.40		
5	QPSK	12	13	22.39	22.34	22.15		
5	QPSK	25	0	22.28	22.36	22.21		
5	16QAM	1	0	22.20	22.34	22.34	23.5	1
5	16QAM	1	12	22.23	22.41	22.37		
5	16QAM	1	24	22.30	22.31	22.35		
5	16QAM	12	0	21.43	21.28	21.28	22.5	2
5	16QAM	12	7	21.31	21.30	21.24		
5	16QAM	12	13	21.36	21.27	21.11		
5	16QAM	25	0	21.32	21.31	21.24		
5	64QAM	1	0	21.74	21.40	21.52	22.5	2
5	64QAM	1	12	21.73	21.36	21.54		
5	64QAM	1	24	21.70	21.40	21.50		
5	64QAM	12	0	20.62	20.45	20.56	21.5	3
5	64QAM	12	7	20.62	20.43	20.50		
5	64QAM	12	13	20.67	20.39	20.42		
5	64QAM	25	0	20.49	20.47	20.32		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.57	15.61	15.46	16.4	0
20	QPSK	1	49	15.78	15.74	15.49		
20	QPSK	1	99	15.70	15.63	15.39		
20	QPSK	50	0	15.70	15.69	15.43	16.4	0
20	QPSK	50	24	15.75	15.72	15.48		
20	QPSK	50	50	15.70	15.63	15.43		
20	QPSK	100	0	15.75	15.65	15.45		
20	16QAM	1	0	15.64	15.62	15.59	16.4	0
20	16QAM	1	49	15.61	15.60	15.58		
20	16QAM	1	99	15.76	15.64	15.39		
20	16QAM	50	0	15.71	15.68	15.62	16.4	0
20	16QAM	50	24	15.76	15.71	15.53		
20	16QAM	50	50	15.73	15.63	15.47		
20	16QAM	100	0	15.72	15.68	15.45		
20	64QAM	1	0	15.33	15.38	15.28	16.4	0
20	64QAM	1	49	15.43	15.52	15.25		
20	64QAM	1	99	15.45	15.31	15.17		
20	64QAM	50	0	15.69	15.67	15.61	16.4	0
20	64QAM	50	24	15.74	15.70	15.48		
20	64QAM	50	50	15.71	15.62	15.46		
20	64QAM	100	0	15.71	15.66	15.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.49	15.40	15.49	16.4	0
15	QPSK	1	37	15.52	15.49	15.27		
15	QPSK	1	74	15.75	15.46	15.31		
15	QPSK	36	0	15.48	15.58	15.30	16.4	0
15	QPSK	36	20	15.69	15.63	15.46		
15	QPSK	36	39	15.42	15.46	15.41		
15	QPSK	75	0	15.73	15.54	15.47		
15	16QAM	1	0	15.42	15.43	15.34	16.4	0
15	16QAM	1	37	15.67	15.55	15.49		
15	16QAM	1	74	15.72	15.53	15.12		
15	16QAM	36	0	15.47	15.54	15.56	16.4	0
15	16QAM	36	20	15.69	15.60	15.41		
15	16QAM	36	39	15.71	15.45	15.40		
15	16QAM	75	0	15.77	15.45	15.33		
15	64QAM	1	0	15.23	15.27	15.04	16.4	0
15	64QAM	1	37	15.46	15.43	15.27		
15	64QAM	1	74	15.52	15.32	15.25		
15	64QAM	36	0	15.48	15.42	15.54	16.4	0
15	64QAM	36	20	15.47	15.72	15.47		
15	64QAM	36	39	15.57	15.43	15.32		
15	64QAM	75	0	15.54	15.43	15.21		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.33	15.41	15.39	16.4	0
10	QPSK	1	25	15.64	15.72	15.24		
10	QPSK	1	49	15.65	15.42	15.27		
10	QPSK	25	0	15.77	15.63	15.40	16.4	0
10	QPSK	25	12	15.73	15.51	15.50		
10	QPSK	25	25	15.51	15.66	15.49		
10	QPSK	50	0	15.66	15.41	15.44		
10	16QAM	1	0	15.44	15.43	15.31	16.4	0
10	16QAM	1	25	15.42	15.41	15.44		
10	16QAM	1	49	15.73	15.53	15.42		
10	16QAM	25	0	15.68	15.70	15.56	16.4	0
10	16QAM	25	12	15.69	15.54	15.37		
10	16QAM	25	25	15.63	15.49	15.49		
10	16QAM	50	0	15.49	15.50	15.22		
10	64QAM	1	0	15.25	15.21	15.29	16.4	0
10	64QAM	1	25	15.43	15.58	14.99		
10	64QAM	1	49	15.51	15.18	15.21		
10	64QAM	25	0	15.73	15.67	15.42	16.4	0
10	64QAM	25	12	15.65	15.74	15.42		
10	64QAM	25	25	15.61	15.54	15.31		
10	64QAM	50	0	15.65	15.67	15.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.52	15.55	15.44	16.4	0
5	QPSK	1	12	15.69	15.73	15.48		
5	QPSK	1	24	15.52	15.56	15.39		
5	QPSK	12	0	15.71	15.60	15.20	16.4	0
5	QPSK	12	7	15.75	15.47	15.32		
5	QPSK	12	13	15.48	15.42	15.41		
5	QPSK	25	0	15.60	15.68	15.31		
5	16QAM	1	0	15.39	15.66	15.38	16.4	0
5	16QAM	1	12	15.68	15.49	15.64		
5	16QAM	1	24	15.73	15.49	15.47		
5	16QAM	12	0	15.60	15.58	15.65	16.4	0
5	16QAM	12	7	15.69	15.76	15.28		
5	16QAM	12	13	15.62	15.55	15.19		
5	16QAM	25	0	15.67	15.70	15.19		
5	64QAM	1	0	15.16	15.18	15.18	16.4	0
5	64QAM	1	12	15.38	15.44	15.08		
5	64QAM	1	24	15.35	15.35	15.21		
5	64QAM	12	0	15.59	15.69	15.54	16.4	0
5	64QAM	12	7	15.47	15.76	15.39		
5	64QAM	12	13	15.64	15.57	15.47		
5	64QAM	25	0	15.67	15.58	15.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.54	22.54	22.45	23.8	0
20	QPSK	1	49	22.78	22.72	22.64		
20	QPSK	1	99	22.57	22.64	22.63		
20	QPSK	50	0	21.74	21.74	21.70	22.8	1
20	QPSK	50	24	21.85	21.84	21.79		
20	QPSK	50	50	21.72	21.77	21.78		
20	QPSK	100	0	21.82	21.74	21.72		
20	16QAM	1	0	21.80	21.75	21.77	22.8	1
20	16QAM	1	49	22.03	21.99	21.92		
20	16QAM	1	99	21.82	21.90	21.83		
20	16QAM	50	0	20.75	20.77	20.75	21.8	2
20	16QAM	50	24	20.81	20.85	20.78		
20	16QAM	50	50	20.80	20.81	20.76		
20	16QAM	100	0	20.74	20.77	20.74		
20	64QAM	1	0	20.63	20.65	20.58	21.8	2
20	64QAM	1	49	20.80	20.83	20.78		
20	64QAM	1	99	20.63	20.74	20.65		
20	64QAM	50	0	19.69	19.71	19.68	20.8	3
20	64QAM	50	24	19.73	19.77	19.74		
20	64QAM	50	50	19.71	19.74	19.73		
20	64QAM	100	0	19.70	19.73	19.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.64	22.66	22.64	23.8	0
15	QPSK	1	37	22.73	22.76	22.77		
15	QPSK	1	74	22.75	22.66	22.69		
15	QPSK	36	0	21.72	21.71	21.69	22.8	1
15	QPSK	36	20	21.74	21.73	21.68		
15	QPSK	36	39	21.71	21.70	21.70		
15	QPSK	75	0	21.74	21.68	21.73		
15	16QAM	1	0	21.81	21.81	21.75	22.8	1
15	16QAM	1	37	21.89	21.89	21.89		
15	16QAM	1	74	21.93	21.82	21.84		
15	16QAM	36	0	20.70	20.69	20.65	21.8	2
15	16QAM	36	20	20.69	20.72	20.66		
15	16QAM	36	39	20.73	20.69	20.69		
15	16QAM	75	0	20.74	20.73	20.71		
15	64QAM	1	0	20.67	20.67	20.59	21.8	2
15	64QAM	1	37	20.77	20.80	20.83		
15	64QAM	1	74	20.76	20.69	20.71		
15	64QAM	36	0	19.69	19.69	19.67	20.8	3
15	64QAM	36	20	19.68	19.72	19.70		
15	64QAM	36	39	19.70	19.71	19.69		
15	64QAM	75	0	19.70	19.67	19.67		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.61	22.65	22.59	23.8	0
10	QPSK	1	25	22.71	22.66	22.67		
10	QPSK	1	49	22.69	22.64	22.63		
10	QPSK	25	0	21.75	21.78	21.75	22.8	1
10	QPSK	25	12	21.71	21.76	21.73		
10	QPSK	25	25	21.72	21.70	21.79		
10	QPSK	50	0	21.75	21.73	21.78		
10	16QAM	1	0	21.84	21.90	21.84	22.8	1
10	16QAM	1	25	21.90	21.89	21.90		
10	16QAM	1	49	21.87	21.85	21.88		
10	16QAM	25	0	20.76	20.79	20.76	21.8	2
10	16QAM	25	12	20.79	20.74	20.76		
10	16QAM	25	25	20.75	20.74	20.80		
10	16QAM	50	0	20.76	20.78	20.79		
10	64QAM	1	0	20.73	20.71	20.67	21.8	2
10	64QAM	1	25	20.74	20.74	20.74		
10	64QAM	1	49	20.69	20.71	20.72		
10	64QAM	25	0	19.78	19.82	19.77	20.8	3
10	64QAM	25	12	19.77	19.77	19.81		
10	64QAM	25	25	19.74	19.75	19.83		
10	64QAM	50	0	19.71	19.70	19.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.66	22.62	22.62	23.8	0
5	QPSK	1	12	22.71	22.66	22.66		
5	QPSK	1	24	22.67	22.67	22.68		
5	QPSK	12	0	21.78	21.78	21.75	22.8	1
5	QPSK	12	7	21.73	21.69	21.80		
5	QPSK	12	13	21.70	21.75	21.72		
5	QPSK	25	0	21.77	21.76	21.76		
5	16QAM	1	0	21.89	21.89	21.86	22.8	1
5	16QAM	1	12	21.91	21.89	21.91		
5	16QAM	1	24	21.86	21.88	21.87		
5	16QAM	12	0	20.76	20.76	20.76	21.8	2
5	16QAM	12	7	20.75	20.68	20.77		
5	16QAM	12	13	20.70	20.74	20.71		
5	16QAM	25	0	20.78	20.81	20.80		
5	64QAM	1	0	20.73	20.77	20.73	21.8	2
5	64QAM	1	12	20.77	20.70	20.74		
5	64QAM	1	24	20.73	20.73	20.78		
5	64QAM	12	0	19.75	19.81	19.72	20.8	3
5	64QAM	12	7	19.73	19.70	19.75		
5	64QAM	12	13	19.75	19.73	19.73		
5	64QAM	25	0	19.75	19.81	19.81		

Band 41_Ant 13

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	15.37	15.49	15.55	15.30	15.17	16.4	0
20	QPSK	1	49	15.55	15.74	15.79	15.50	15.39		
20	QPSK	1	99	15.52	15.60	15.67	15.29	15.24		
20	QPSK	50	0	15.47	15.64	15.70	15.42	15.29	16.4	0
20	QPSK	50	24	15.54	15.71	15.77	15.47	15.36		
20	QPSK	50	50	15.52	15.69	15.71	15.45	15.30		
20	QPSK	100	0	15.53	15.66	15.76	15.41	15.29		
20	16QAM	1	0	15.44	15.56	15.66	15.38	15.24	16.4	0
20	16QAM	1	49	15.65	15.70	15.74	15.50	15.42		
20	16QAM	1	99	15.61	15.66	15.65	15.37	15.27		
20	16QAM	50	0	15.49	15.66	15.71	15.41	15.37	16.4	0
20	16QAM	50	24	15.60	15.70	15.75	15.52	15.39		
20	16QAM	50	50	15.60	15.75	15.71	15.47	15.29		
20	16QAM	100	0	15.56	15.64	15.69	15.49	15.32		
20	64QAM	1	0	15.12	15.25	15.37	15.05	14.90	16.4	0
20	64QAM	1	49	15.26	15.41	15.51	15.29	15.12		
20	64QAM	1	99	15.26	15.39	15.43	15.03	14.96		
20	64QAM	50	0	15.46	15.61	15.69	15.39	15.29	16.4	0
20	64QAM	50	24	15.57	15.68	15.72	15.41	15.36		
20	64QAM	50	50	15.60	15.64	15.69	15.44	15.24		
20	64QAM	100	0	15.50	15.64	15.74	15.45	15.30		
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	15.28	15.26	15.30	15.36	14.99	16.4	0
15	QPSK	1	37	15.55	15.53	15.63	15.47	15.34		
15	QPSK	1	74	15.36	15.43	15.40	15.34	15.29		
15	QPSK	36	0	15.49	15.68	15.65	15.21	15.08	16.4	0
15	QPSK	36	20	15.37	15.57	15.67	15.38	15.21		
15	QPSK	36	39	15.35	15.47	15.47	15.19	15.06		
15	QPSK	75	0	15.46	15.69	15.69	15.44	15.18		
15	16QAM	1	0	15.31	15.64	15.62	15.46	15.23	16.4	0
15	16QAM	1	37	15.73	15.55	15.72	15.22	15.23		
15	16QAM	1	74	15.38	15.55	15.66	15.17	15.06		
15	16QAM	36	0	15.55	15.42	15.72	15.22	15.29	16.4	0
15	16QAM	36	20	15.50	15.46	15.73	15.54	15.24		
15	16QAM	36	39	15.65	15.73	15.54	15.24	15.04		
15	16QAM	75	0	15.28	15.72	15.53	15.45	15.36		
15	64QAM	1	0	14.93	15.15	15.10	15.00	14.71	16.4	0
15	64QAM	1	37	15.10	15.23	15.50	15.21	15.16		
15	64QAM	1	74	15.00	15.47	15.43	15.11	14.83		
15	64QAM	36	0	15.45	15.48	15.42	15.25	15.28	16.4	0
15	64QAM	36	20	15.63	15.59	15.44	15.27	15.35		
15	64QAM	36	39	15.44	15.70	15.64	15.36	15.08		
15	64QAM	75	0	15.40	15.47	15.71	15.17	15.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.10	15.38	15.62	15.38	14.89	16.4	0
10	QPSK	1	25	15.54	15.56	15.70	15.47	15.18		
10	QPSK	1	49	15.45	15.46	15.72	15.04	15.28		
10	QPSK	25	0	15.27	15.63	15.50	15.14	15.26	16.4	0
10	QPSK	25	12	15.57	15.50	15.65	15.22	15.10		
10	QPSK	25	25	15.46	15.65	15.50	15.23	15.28		
10	QPSK	50	0	15.38	15.63	15.59	15.22	15.20		
10	16QAM	1	0	15.17	15.52	15.61	15.41	14.97	16.4	0
10	16QAM	1	25	15.68	15.69	15.76	15.40	15.30		
10	16QAM	1	49	15.34	15.42	15.71	15.15	15.03		
10	16QAM	25	0	15.56	15.69	15.78	15.25	15.35	16.4	0
10	16QAM	25	12	15.67	15.62	15.59	15.55	15.41		
10	16QAM	25	25	15.67	15.60	15.76	15.48	15.35		
10	16QAM	50	0	15.29	15.56	15.48	15.40	15.07		
10	64QAM	1	0	14.96	15.07	15.09	14.77	14.87	16.4	0
10	64QAM	1	25	15.13	15.31	15.55	15.21	15.04		
10	64QAM	1	49	15.32	15.45	15.22	14.93	14.97		
10	64QAM	25	0	15.47	15.66	15.63	15.14	15.21	16.4	0
10	64QAM	25	12	15.31	15.44	15.66	15.24	15.34		
10	64QAM	25	25	15.51	15.62	15.54	15.18	15.26		
10	64QAM	50	0	15.39	15.59	15.60	15.26	15.30		
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	15.30	15.42	15.42	15.19	15.13	16.4	0
5	QPSK	1	12	15.38	15.66	15.62	15.27	15.13		
5	QPSK	1	24	15.59	15.48	15.51	15.04	15.11		
5	QPSK	12	0	15.32	15.48	15.71	15.42	15.05	16.4	0
5	QPSK	12	7	15.35	15.70	15.78	15.39	15.35		
5	QPSK	12	13	15.53	15.76	15.57	15.48	15.14		
5	QPSK	25	0	15.39	15.46	15.64	15.35	15.30		
5	16QAM	1	0	15.37	15.39	15.65	15.32	15.17	16.4	0
5	16QAM	1	12	15.73	15.47	15.49	15.27	15.27		
5	16QAM	1	24	15.45	15.49	15.60	15.26	15.11		
5	16QAM	12	0	15.51	15.45	15.51	15.49	15.45	16.4	0
5	16QAM	12	7	15.58	15.63	15.66	15.39	15.35		
5	16QAM	12	13	15.46	15.75	15.52	15.27	15.33		
5	16QAM	25	0	15.61	15.42	15.67	15.49	15.39		
5	64QAM	1	0	15.02	15.10	15.16	14.83	14.72	16.4	0
5	64QAM	1	12	15.12	15.26	15.29	15.24	15.12		
5	64QAM	1	24	15.23	15.20	15.25	15.10	14.97		
5	64QAM	12	0	15.25	15.41	15.44	15.16	15.18	16.4	0
5	64QAM	12	7	15.53	15.49	15.73	15.22	15.28		
5	64QAM	12	13	15.61	15.46	15.57	15.23	15.22		
5	64QAM	25	0	15.34	15.44	15.50	15.42	15.09		

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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	22.40	22.35	22.51	22.54	22.60	23.8	0
20	QPSK	1	49	22.46	22.51	22.82	22.71	22.78		
20	QPSK	1	99	22.39	22.48	22.60	22.64	22.59		
20	QPSK	50	0	21.46	21.63	21.77	21.77	21.79	22.8	1
20	QPSK	50	24	21.67	21.65	21.83	21.80	21.81		
20	QPSK	50	50	21.63	21.62	21.74	21.78	21.77		
20	QPSK	100	0	21.53	21.62	21.79	21.74	21.76		
20	16QAM	1	0	21.52	21.59	21.74	21.77	21.85	22.8	1
20	16QAM	1	49	21.72	21.81	22.01	21.94	22.07		
20	16QAM	1	99	21.59	21.72	21.84	21.86	21.89		
20	16QAM	50	0	20.46	20.57	20.76	20.79	20.81	21.8	2
20	16QAM	50	24	20.58	20.63	20.81	20.85	20.93		
20	16QAM	50	50	20.63	20.64	20.81	20.82	20.86		
20	16QAM	100	0	20.57	20.59	20.76	20.78	20.80		
20	64QAM	1	0	20.38	20.44	20.59	20.65	20.71	21.8	2
20	64QAM	1	49	20.60	20.72	20.79	20.77	20.86		
20	64QAM	1	99	20.46	20.56	20.66	20.72	20.75		
20	64QAM	50	0	19.40	19.56	19.73	19.71	19.76	20.8	3
20	64QAM	50	24	19.53	19.58	19.76	19.80	19.84		
20	64QAM	50	50	19.57	19.59	19.74	19.75	19.79		
20	64QAM	100	0	19.52	19.59	19.74	19.71	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.47	22.58	22.66	22.62	22.61	23.8	0
15	QPSK	1	37	22.59	22.75	22.81	22.79	22.65		
15	QPSK	1	74	22.53	22.66	22.69	22.65	22.64		
15	QPSK	36	0	21.45	21.62	21.69	21.68	21.70	22.8	1
15	QPSK	36	20	21.55	21.64	21.69	21.73	21.70		
15	QPSK	36	39	21.54	21.65	21.72	21.69	21.68		
15	QPSK	75	0	21.55	21.64	21.73	21.76	21.73		
15	16QAM	1	0	21.62	21.76	21.83	21.76	21.74	22.8	1
15	16QAM	1	37	21.79	21.90	21.90	21.90	21.83		
15	16QAM	1	74	21.68	21.80	21.85	21.82	21.75		
15	16QAM	36	0	20.45	20.63	20.69	20.67	20.64	21.8	2
15	16QAM	36	20	20.55	20.62	20.73	20.75	20.64		
15	16QAM	36	39	20.55	20.61	20.71	20.73	20.68		
15	16QAM	75	0	20.53	20.61	20.74	20.73	20.65		
15	64QAM	1	0	20.47	20.55	20.65	20.63	20.59	21.8	2
15	64QAM	1	37	20.64	20.70	20.79	20.72	20.68		
15	64QAM	1	74	20.55	20.65	20.67	20.70	20.57		
15	64QAM	36	0	19.43	19.60	19.70	19.65	19.69	20.8	3
15	64QAM	36	20	19.52	19.62	19.68	19.72	19.64		
15	64QAM	36	39	19.54	19.62	19.68	19.67	19.66		
15	64QAM	75	0	19.53	19.62	19.70	19.71	19.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.54	22.66	22.60	22.58	23.8	0
10	QPSK	1	25	22.54	22.60	22.72	22.63	22.62		
10	QPSK	1	49	22.48	22.50	22.59	22.61	22.58		
10	QPSK	25	0	21.53	21.68	21.73	21.76	21.76	22.8	1
10	QPSK	25	12	21.53	21.62	21.74	21.84	21.73		
10	QPSK	25	25	21.56	21.65	21.74	21.75	21.77		
10	QPSK	50	0	21.53	21.64	21.75	21.79	21.73		
10	16QAM	1	0	21.75	21.78	21.89	21.87	21.83	22.8	1
10	16QAM	1	25	21.76	21.83	21.93	21.92	21.85		
10	16QAM	1	49	21.69	21.81	21.87	21.86	21.84		
10	16QAM	25	0	20.56	20.71	20.78	20.78	20.75	21.8	2
10	16QAM	25	12	20.60	20.69	20.79	20.78	20.74		
10	16QAM	25	25	20.60	20.66	20.78	20.78	20.75		
10	16QAM	50	0	20.58	20.68	20.79	20.78	20.73		
10	64QAM	1	0	20.50	20.61	20.74	20.71	20.68	21.8	2
10	64QAM	1	25	20.55	20.68	20.81	20.77	20.71		
10	64QAM	1	49	20.55	20.62	20.71	20.71	20.65		
10	64QAM	25	0	19.56	19.72	19.78	19.85	19.76	20.8	3
10	64QAM	25	12	19.60	19.70	19.77	19.79	19.80		
10	64QAM	25	25	19.58	19.67	19.79	19.79	19.72		
10	64QAM	50	0	19.49	19.64	19.71	19.77	19.68		
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	22.47	22.57	22.66	22.63	22.62	23.8	0
5	QPSK	1	12	22.57	22.66	22.72	22.65	22.65		
5	QPSK	1	24	22.51	22.64	22.67	22.68	22.65		
5	QPSK	12	0	21.55	21.68	21.76	21.72	21.72	22.8	1
5	QPSK	12	7	21.56	21.64	21.76	21.72	21.77		
5	QPSK	12	13	21.57	21.69	21.67	21.70	21.70		
5	QPSK	25	0	21.57	21.70	21.74	21.74	21.71		
5	16QAM	1	0	21.64	21.78	21.87	21.84	21.83	22.8	1
5	16QAM	1	12	21.67	21.84	21.88	21.83	21.82		
5	16QAM	1	24	21.73	21.81	21.89	21.88	21.84		
5	16QAM	12	0	20.54	20.69	20.75	20.75	20.73	21.8	2
5	16QAM	12	7	20.56	20.68	20.72	20.77	20.76		
5	16QAM	12	13	20.55	20.62	20.72	20.74	20.69		
5	16QAM	25	0	20.62	20.73	20.76	20.77	20.76		
5	64QAM	1	0	20.58	20.70	20.76	20.79	20.76	21.8	2
5	64QAM	1	12	20.64	20.66	20.87	20.80	20.73		
5	64QAM	1	24	20.54	20.70	20.78	20.77	20.67		
5	64QAM	12	0	19.53	19.68	19.74	19.77	19.76	20.8	3
5	64QAM	12	7	19.52	19.67	19.74	19.74	19.74		
5	64QAM	12	13	19.53	19.65	19.72	19.73	19.65		
5	64QAM	25	0	19.59	19.72	19.80	19.77	19.76		

Reduced Power Mode for DSI3

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	27.97	28.15	28.10	29.00	18.97	19.15	19.10	20.00
GPRS 1 Tx slot	27.95	28.14	28.08	29.00	18.95	19.14	19.08	20.00
GPRS 2 Tx slots	24.57	24.56	24.69	25.00	18.57	18.56	18.69	19.00
GPRS 3 Tx slots	22.51	22.53	22.66	23.00	18.25	18.27	18.40	18.74
GPRS 4 Tx slots	22.00	22.03	22.12	22.50	19.00	19.03	19.12	19.50
EDGE(GMSK 1 Tx slot)	27.89	27.95	28.07	29.00	18.89	18.95	19.07	20.00
EDGE(GMSK 2 Tx slots)	24.48	24.47	24.65	25.00	18.48	18.47	18.65	19.00
EDGE(GMSK 3 Tx slots)	22.43	22.42	22.62	23.00	18.17	18.16	18.36	18.74
EDGE(GMSK 4 Tx slots)	21.91	21.94	22.09	22.50	18.91	18.94	19.09	19.50
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.27	24.31	24.17	25.00	18.27	18.31	18.17	19.00
EDGE 3 Tx slots	22.12	22.07	21.93	23.00	17.86	17.81	17.67	18.74
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	19.00

GSM850_Ant 41	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	32.35	32.26	32.35	33.50	23.35	23.26	23.35	24.50
GPRS 1 Tx slot	32.33	32.23	32.32	33.50	23.33	23.23	23.32	24.50
GPRS 2 Tx slots	30.59	30.64	30.62	31.50	24.59	24.64	24.62	25.50
GPRS 3 Tx slots	28.64	28.70	28.66	29.50	24.38	24.44	24.40	25.24
GPRS 4 Tx slots	27.14	27.24	27.18	28.00	24.14	24.24	24.18	25.00
EDGE(GMSK 1 Tx slot)	32.24	32.18	32.16	33.50	23.24	23.18	23.16	24.50
EDGE(GMSK 2 Tx slots)	30.57	30.53	30.56	31.50	24.57	24.53	24.56	25.50
EDGE(GMSK 3 Tx slots)	28.58	28.62	28.61	29.50	24.32	24.36	24.35	25.24
EDGE(GMSK 4 Tx slots)	27.07	27.19	27.13	28.00	24.07	24.19	24.13	25.00
EDGE 1 Tx slot	26.85	26.84	26.61	27.50	17.85	17.84	17.61	18.50
EDGE 2 Tx slots	24.57	24.75	24.62	25.50	18.57	18.75	18.62	19.50
EDGE 3 Tx slots	22.48	22.54	22.31	23.50	18.22	18.28	18.05	19.24
EDGE 4 Tx slots	20.97	20.99	20.76	22.00	17.97	17.99	17.76	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	23.16	23.29	23.07	24.50	14.16	14.29	14.07	15.50
GPRS 1 Tx slot	23.14	23.28	23.05	24.50	14.14	14.28	14.05	15.50
GPRS 2 Tx slots	20.08	20.24	20.01	21.00	14.08	14.24	14.01	15.00
GPRS 3 Tx slots	18.54	18.74	18.51	19.50	14.28	14.48	14.25	15.24
GPRS 4 Tx slots	17.55	17.74	17.47	18.50	14.55	14.74	14.47	15.50
EDGE(GMSK 1 Tx slot)	23.21	23.26	23.07	24.50	14.21	14.26	14.07	15.50
EDGE(GMSK 2 Tx slots)	20.13	20.24	20.02	21.00	14.13	14.24	14.02	15.00
EDGE(GMSK 3 Tx slots)	18.63	18.74	18.48	19.50	14.37	14.48	14.22	15.24
EDGE(GMSK 4 Tx slots)	17.64	17.71	17.45	18.50	14.64	14.71	14.45	15.50
EDGE 1 Tx slot	24.43	24.37	24.38	24.50	15.43	15.37	15.38	15.50
EDGE 2 Tx slots	20.65	20.67	20.73	21.00	14.65	14.67	14.73	15.00
EDGE 3 Tx slots	18.91	18.92	18.77	19.50	14.65	14.66	14.51	15.24
EDGE 4 Tx slots	17.61	17.63	17.59	18.50	14.61	14.63	14.59	15.50

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	29.76	29.75	29.60	30.50	20.76	20.75	20.60	21.50
GPRS 1 Tx slot	29.73	29.73	29.58	30.50	20.73	20.73	20.58	21.50
GPRS 2 Tx slots	28.01	28.05	27.99	28.50	22.01	22.05	21.99	22.50
GPRS 3 Tx slots	26.03	26.08	25.86	26.50	21.77	21.82	21.60	22.24
GPRS 4 Tx slots	24.44	24.52	24.37	25.00	21.44	21.52	21.37	22.00
EDGE(GMSK 1 Tx slot)	29.62	29.62	29.53	30.50	20.62	20.62	20.53	21.50
EDGE(GMSK 2 Tx slots)	27.94	28.02	27.88	28.50	21.94	22.02	21.88	22.50
EDGE(GMSK 3 Tx slots)	26.00	26.05	25.83	26.50	21.74	21.79	21.57	22.24
EDGE(GMSK 4 Tx slots)	24.48	24.51	24.37	25.00	21.48	21.51	21.37	22.00
EDGE 1 Tx slot	26.40	26.41	26.39	26.50	17.40	17.41	17.39	17.50
EDGE 2 Tx slots	24.45	24.46	24.45	24.50	18.45	18.46	18.45	18.50
EDGE 3 Tx slots	22.47	22.25	22.11	22.50	18.21	17.99	17.85	18.24
EDGE 4 Tx slots	20.73	20.58	20.57	21.00	17.73	17.58	17.57	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	13.53	13.55	13.47	14.80	23.23	23.25	23.18	24.20
3GPP Rel 99	RMC 12.2Kbps	13.56	13.58	13.50	14.80	23.26	23.27	23.20	24.20
3GPP Rel 6	HSDPA Subtest-1	12.66	12.60	12.44	13.80	22.29	22.28	22.21	23.20
3GPP Rel 6	HSDPA Subtest-2	12.65	12.61	12.41	13.80	22.25	22.29	22.19	23.20
3GPP Rel 6	HSDPA Subtest-3	12.24	12.21	12.06	13.30	21.82	21.84	21.73	22.70
3GPP Rel 6	HSDPA Subtest-4	12.20	12.16	11.97	13.30	21.75	21.78	21.69	22.70
3GPP Rel 6	HSUPA Subtest-1	11.66	11.52	11.34	11.80	20.99	20.91	20.93	21.20
3GPP Rel 6	HSUPA Subtest-2	11.77	11.55	11.30	11.80	20.98	20.93	20.93	21.20
3GPP Rel 6	HSUPA Subtest-3	12.59	12.49	12.63	12.80	22.06	21.94	21.97	22.20
3GPP Rel 6	HSUPA Subtest-4	11.15	11.14	11.01	11.30	20.57	20.47	20.51	21.20
3GPP Rel 6	HSUPA Subtest-5	12.70	12.70	12.50	12.80	22.00	21.90	21.90	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.60	11.18	11.35	11.80	20.85	20.82	20.81	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.46	14.66	14.60	15.80	22.95	23.10	23.07	24.20
3GPP Rel 99	RMC 12.2Kbps	14.49	14.67	14.62	15.80	22.97	23.11	23.10	24.20
3GPP Rel 6	HSDPA Subtest-1	13.70	13.78	13.91	14.80	21.82	22.02	21.97	23.20
3GPP Rel 6	HSDPA Subtest-2	13.67	13.76	13.87	14.80	21.81	22.00	21.93	23.20
3GPP Rel 6	HSDPA Subtest-3	13.31	13.26	13.41	14.30	21.35	21.55	21.47	22.70
3GPP Rel 6	HSDPA Subtest-4	13.28	13.25	13.38	14.30	21.32	21.51	21.41	22.70
3GPP Rel 6	HSUPA Subtest-1	12.67	12.56	12.63	12.80	20.76	20.83	20.96	21.20
3GPP Rel 6	HSUPA Subtest-2	12.54	12.64	12.63	12.80	20.68	20.84	20.96	21.20
3GPP Rel 6	HSUPA Subtest-3	13.45	13.55	13.59	13.80	21.75	21.83	21.98	22.20
3GPP Rel 6	HSUPA Subtest-4	12.11	12.02	12.13	12.30	20.29	20.35	20.49	21.20
3GPP Rel 6	HSUPA Subtest-5	13.60	13.50	13.70	13.80	21.70	21.80	22.00	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.46	12.34	12.30	12.80	20.62	20.71	20.74	21.20

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.80	18.91	18.84	20.00	23.02	23.07	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	18.83	18.93	18.86	20.00	23.04	23.09	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	18.08	18.07	18.02	19.00	22.00	22.10	21.89	23.00
3GPP Rel 6	HSDPA Subtest-2	17.82	18.09	17.99	19.00	22.02	22.05	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	17.60	17.83	17.53	18.50	21.54	21.61	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	17.55	17.57	17.48	18.50	21.53	21.57	21.48	22.50
3GPP Rel 6	HSUPA Subtest-1	16.76	16.80	16.63	17.00	20.77	20.84	20.77	21.00
3GPP Rel 6	HSUPA Subtest-2	16.79	16.75	16.89	17.00	20.74	20.84	20.76	21.00
3GPP Rel 6	HSUPA Subtest-3	17.54	17.66	17.89	18.00	21.81	21.89	21.80	22.00
3GPP Rel 6	HSUPA Subtest-4	16.29	16.39	16.19	16.50	20.31	20.38	20.28	20.50
3GPP Rel 6	HSUPA Subtest-5	17.50	17.70	17.60	18.00	21.70	21.80	21.80	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.39	16.59	16.71	17.00	20.63	20.70	20.65	21.00

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	13.12	13.08	13.01	14.5	0
20	QPSK	1	49	13.14	13.46	13.14		
20	QPSK	1	99	13.03	12.99	13.05		
20	QPSK	50	0	13.16	13.20	13.19	14.5	0
20	QPSK	50	24	13.21	13.23	13.22		
20	QPSK	50	50	13.14	13.09	13.15		
20	QPSK	100	0	13.12	13.23	13.21		
20	16QAM	1	0	13.42	13.21	13.13	14.5	0
20	16QAM	1	49	13.43	13.21	13.37		
20	16QAM	1	99	13.40	13.02	13.24		
20	16QAM	50	0	13.21	13.14	13.16	14.5	0
20	16QAM	50	24	13.23	13.16	13.16		
20	16QAM	50	50	13.07	13.09	13.16		
20	16QAM	100	0	13.14	13.13	13.16		
20	64QAM	1	0	13.41	13.15	13.39	14.5	0
20	64QAM	1	49	13.26	13.29	13.40		
20	64QAM	1	99	13.33	13.06	13.45		
20	64QAM	50	0	13.15	13.18	13.23	14.5	0
20	64QAM	50	24	13.22	13.17	13.23		
20	64QAM	50	50	13.12	13.14	13.19		
20	64QAM	100	0	13.14	13.13	13.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.09	12.86	12.98	14.5	0
15	QPSK	1	37	13.15	13.44	13.11		
15	QPSK	1	74	12.99	12.75	12.99		
15	QPSK	36	0	12.92	13.00	13.21	14.5	0
15	QPSK	36	20	13.18	13.18	13.28		
15	QPSK	36	39	13.18	12.84	13.14		
15	QPSK	75	0	13.17	13.10	13.17		
15	16QAM	1	0	13.21	13.03	13.16	14.5	0
15	16QAM	1	37	13.33	13.28	13.37		
15	16QAM	1	74	13.37	12.87	13.03		
15	16QAM	36	0	13.02	12.93	13.04	14.5	0
15	16QAM	36	20	13.16	13.15	13.06		
15	16QAM	36	39	13.09	12.99	12.97		
15	16QAM	75	0	13.01	13.08	13.24		
15	64QAM	1	0	13.28	13.18	13.33	14.5	0
15	64QAM	1	37	13.23	13.35	13.38		
15	64QAM	1	74	13.38	12.95	13.40		
15	64QAM	36	0	13.10	12.90	13.02	14.5	0
15	64QAM	36	20	13.08	12.92	13.18		
15	64QAM	36	39	13.19	13.15	13.11		
15	64QAM	75	0	12.92	12.89	13.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.02	12.93	12.86	14.5	0
10	QPSK	1	25	13.02	13.21	12.93		
10	QPSK	1	49	12.93	12.74	12.94		
10	QPSK	25	0	13.11	13.14	13.15	14.5	0
10	QPSK	25	12	13.11	12.95	13.27		
10	QPSK	25	25	12.95	13.16	13.09		
10	QPSK	50	0	13.16	13.25	13.05		
10	16QAM	1	0	13.44	13.23	12.99	14.5	0
10	16QAM	1	25	13.44	13.26	13.25		
10	16QAM	1	49	13.35	13.01	13.16		
10	16QAM	25	0	13.29	12.87	12.98	14.5	0
10	16QAM	25	12	13.01	12.91	13.10		
10	16QAM	25	25	12.98	12.93	13.05		
10	16QAM	50	0	13.03	12.85	12.94		
10	64QAM	1	0	13.26	13.12	13.43	14.5	0
10	64QAM	1	25	13.17	13.25	13.12		
10	64QAM	1	49	13.30	13.02	13.35		
10	64QAM	25	0	13.23	12.98	13.05	14.5	0
10	64QAM	25	12	13.17	12.98	12.97		
10	64QAM	25	25	13.17	12.89	13.17		
10	64QAM	50	0	13.19	13.11	13.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.85	13.10	12.74	14.5	0
5	QPSK	1	12	13.18	13.44	13.21		
5	QPSK	1	24	13.06	12.97	12.97		
5	QPSK	12	0	13.00	12.98	13.20	14.5	0
5	QPSK	12	7	13.15	12.98	13.24		
5	QPSK	12	13	13.22	12.86	13.16		
5	QPSK	25	0	13.13	13.00	13.27		
5	16QAM	1	0	13.39	13.13	12.97	14.5	0
5	16QAM	1	12	13.40	13.15	13.25		
5	16QAM	1	24	13.18	13.10	13.06		
5	16QAM	12	0	12.97	13.15	12.91	14.5	0
5	16QAM	12	7	13.15	13.09	13.02		
5	16QAM	12	13	12.89	12.86	13.16		
5	16QAM	25	0	13.18	13.05	13.03		
5	64QAM	1	0	13.21	13.02	13.18	14.5	0
5	64QAM	1	12	13.30	13.32	13.17		
5	64QAM	1	24	13.28	12.97	13.41		
5	64QAM	12	0	13.09	13.20	12.99	14.5	0
5	64QAM	12	7	13.08	13.15	13.29		
5	64QAM	12	13	13.16	12.89	13.12		
5	64QAM	25	0	13.07	12.97	13.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.97	13.14	13.02	14.5	0
3	QPSK	1	8	12.89	13.25	12.97		
3	QPSK	1	14	13.06	12.85	12.87		
3	QPSK	8	0	13.09	12.95	13.11	14.5	0
3	QPSK	8	4	13.25	12.96	12.94		
3	QPSK	8	7	12.90	13.03	13.05		
3	QPSK	15	0	13.13	13.10	13.10		
3	16QAM	1	0	13.34	13.18	13.17	14.5	0
3	16QAM	1	8	13.24	13.23	13.45		
3	16QAM	1	14	13.44	13.05	13.28		
3	16QAM	8	0	13.24	13.11	12.92	14.5	0
3	16QAM	8	4	13.13	12.89	13.06		
3	16QAM	8	7	13.08	13.01	13.05		
3	16QAM	15	0	12.86	13.21	13.22		
3	64QAM	1	0	13.26	13.19	13.40	14.5	0
3	64QAM	1	8	13.27	13.09	13.13		
3	64QAM	1	14	13.23	13.06	13.42		
3	64QAM	8	0	12.92	13.05	12.97	14.5	0
3	64QAM	8	4	13.03	12.90	13.11		
3	64QAM	8	7	13.11	13.19	13.15		
3	64QAM	15	0	12.95	13.08	12.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.90	13.16	12.91	14.5	0
1.4	QPSK	1	3	12.88	13.36	13.22		
1.4	QPSK	1	5	13.02	13.04	12.92		
1.4	QPSK	3	0	13.21	13.08	13.15		
1.4	QPSK	3	1	13.09	13.27	13.07		
1.4	QPSK	3	3	13.06	12.92	13.21		
1.4	QPSK	6	0	13.07	13.25	13.26	14.5	0
1.4	16QAM	1	0	13.14	12.97	12.85	14.5	0
1.4	16QAM	1	3	13.44	13.26	13.34		
1.4	16QAM	1	5	13.17	13.09	13.03		
1.4	16QAM	3	0	13.07	13.08	13.24		
1.4	16QAM	3	1	13.31	13.16	13.05		
1.4	16QAM	3	3	12.82	12.86	13.20		
1.4	16QAM	6	0	12.86	13.04	13.05	14.5	0
1.4	64QAM	1	0	13.41	13.21	13.39	14.5	0
1.4	64QAM	1	3	13.15	13.16	13.25		
1.4	64QAM	1	5	13.36	13.05	13.25		
1.4	64QAM	3	0	13.22	13.18	13.14		
1.4	64QAM	3	1	13.10	13.23	13.01		
1.4	64QAM	3	3	13.04	13.01	13.26		
1.4	64QAM	6	0	12.95	12.97	12.90	14.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	21	3

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	14.37	14.35	14.45	16	0
20	QPSK	1	49	14.42	14.61	14.79		
20	QPSK	1	99	14.40	14.44	14.47		
20	QPSK	50	0	14.41	14.52	14.63	16	0
20	QPSK	50	24	14.50	14.57	14.64		
20	QPSK	50	50	14.47	14.54	14.61		
20	QPSK	100	0	14.39	14.56	14.60		
20	16QAM	1	0	14.57	14.74	14.68	16	0
20	16QAM	1	49	14.71	14.76	14.77		
20	16QAM	1	99	14.71	14.69	14.78		
20	16QAM	50	0	14.53	14.51	14.62	16	0
20	16QAM	50	24	14.48	14.61	14.64		
20	16QAM	50	50	14.49	14.61	14.61		
20	16QAM	100	0	14.47	14.54	14.64		
20	64QAM	1	0	14.34	14.58	14.78	16	0
20	64QAM	1	49	14.52	14.64	14.77		
20	64QAM	1	99	14.52	14.54	14.61		
20	64QAM	50	0	14.49	14.49	14.65	16	0
20	64QAM	50	24	14.50	14.58	14.66		
20	64QAM	50	50	14.50	14.54	14.64		
20	64QAM	100	0	14.49	14.54	14.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.39	14.42	14.36	16	0
15	QPSK	1	37	14.30	14.68	14.75		
15	QPSK	1	74	14.28	14.43	14.24		
15	QPSK	36	0	14.19	14.31	14.71	16	0
15	QPSK	36	20	14.53	14.43	14.44		
15	QPSK	36	39	14.30	14.34	14.34		
15	QPSK	75	0	14.24	14.41	14.46		
15	16QAM	1	0	14.60	14.73	14.48	16	0
15	16QAM	1	37	14.59	14.65	14.57		
15	16QAM	1	74	14.59	14.54	14.65		
15	16QAM	36	0	14.40	14.40	14.42	16	0
15	16QAM	36	20	14.35	14.56	14.53		
15	16QAM	36	39	14.39	14.45	14.66		
15	16QAM	75	0	14.26	14.43	14.44		
15	64QAM	1	0	14.39	14.54	14.70	16	0
15	64QAM	1	37	14.46	14.59	14.72		
15	64QAM	1	74	14.45	14.53	14.67		
15	64QAM	36	0	14.50	14.47	14.66	16	0
15	64QAM	36	20	14.31	14.49	14.48		
15	64QAM	36	39	14.31	14.46	14.39		
15	64QAM	75	0	14.28	14.27	14.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.16	14.20	14.39	16	0
10	QPSK	1	25	14.22	14.37	14.57		
10	QPSK	1	49	14.40	14.51	14.55		
10	QPSK	25	0	14.48	14.27	14.65	16	0
10	QPSK	25	12	14.25	14.42	14.47		
10	QPSK	25	25	14.29	14.46	14.67		
10	QPSK	50	0	14.25	14.46	14.53		
10	16QAM	1	0	14.56	14.71	14.53	16	0
10	16QAM	1	25	14.61	14.48	14.55		
10	16QAM	1	49	14.71	14.69	14.59		
10	16QAM	25	0	14.34	14.28	14.52	16	0
10	16QAM	25	12	14.30	14.59	14.43		
10	16QAM	25	25	14.29	14.51	14.54		
10	16QAM	50	0	14.33	14.38	14.60		
10	64QAM	1	0	14.19	14.65	14.62	16	0
10	64QAM	1	25	14.47	14.55	14.75		
10	64QAM	1	49	14.34	14.26	14.54		
10	64QAM	25	0	14.29	14.23	14.68	16	0
10	64QAM	25	12	14.48	14.40	14.70		
10	64QAM	25	25	14.46	14.56	14.43		
10	64QAM	50	0	14.39	14.39	14.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.15	14.13	14.33	16	0
5	QPSK	1	12	14.41	14.64	14.60		
5	QPSK	1	24	14.43	14.35	14.23		
5	QPSK	12	0	14.16	14.34	14.62	16	0
5	QPSK	12	7	14.57	14.54	14.72		
5	QPSK	12	13	14.21	14.57	14.46		
5	QPSK	25	0	14.14	14.59	14.65		
5	16QAM	1	0	14.44	14.59	14.63	16	0
5	16QAM	1	12	14.70	14.58	14.65		
5	16QAM	1	24	14.75	14.66	14.63		
5	16QAM	12	0	14.25	14.51	14.56	16	0
5	16QAM	12	7	14.24	14.58	14.51		
5	16QAM	12	13	14.31	14.41	14.61		
5	16QAM	25	0	14.31	14.55	14.69		
5	64QAM	1	0	14.26	14.60	14.77	16	0
5	64QAM	1	12	14.58	14.67	14.70		
5	64QAM	1	24	14.41	14.49	14.34		
5	64QAM	12	0	14.22	14.21	14.72	16	0
5	64QAM	12	7	14.48	14.36	14.70		
5	64QAM	12	13	14.27	14.26	14.59		
5	64QAM	25	0	14.52	14.59	14.61		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.37	14.31	14.45	16	0
3	QPSK	1	8	14.45	14.52	14.78		
3	QPSK	1	14	14.16	14.47	14.27		
3	QPSK	8	0	14.36	14.39	14.61	16	0
3	QPSK	8	4	14.50	14.38	14.56		
3	QPSK	8	7	14.55	14.51	14.60		
3	QPSK	15	0	14.16	14.32	14.45		
3	16QAM	1	0	14.57	14.63	14.75	16	0
3	16QAM	1	8	14.52	14.78	14.70		
3	16QAM	1	14	14.65	14.66	14.68		
3	16QAM	8	0	14.58	14.35	14.41	16	0
3	16QAM	8	4	14.37	14.57	14.47		
3	16QAM	8	7	14.56	14.35	14.43		
3	16QAM	15	0	14.50	14.33	14.61		
3	64QAM	1	0	14.20	14.33	14.73	16	0
3	64QAM	1	8	14.37	14.53	14.55		
3	64QAM	1	14	14.54	14.28	14.61		
3	64QAM	8	0	14.41	14.35	14.56	16	0
3	64QAM	8	4	14.30	14.65	14.61		
3	64QAM	8	7	14.36	14.62	14.57		
3	64QAM	15	0	14.43	14.62	14.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.32	14.07	14.28	16	0
1.4	QPSK	1	3	14.34	14.43	14.68		
1.4	QPSK	1	5	14.42	14.26	14.52		
1.4	QPSK	3	0	14.16	14.29	14.51		
1.4	QPSK	3	1	14.48	14.49	14.36		
1.4	QPSK	3	3	14.40	14.27	14.58		
1.4	QPSK	6	0	14.17	14.32	14.48	16	0
1.4	16QAM	1	0	14.39	14.70	14.56	16	0
1.4	16QAM	1	3	14.65	14.72	14.56		
1.4	16QAM	1	5	14.61	14.55	14.59		
1.4	16QAM	3	0	14.28	14.45	14.69		
1.4	16QAM	3	1	14.56	14.45	14.67		
1.4	16QAM	3	3	14.45	14.33	14.42		
1.4	16QAM	6	0	14.31	14.51	14.68	16	0
1.4	64QAM	1	0	14.21	14.30	14.60	16	0
1.4	64QAM	1	3	14.58	14.67	14.61		
1.4	64QAM	1	5	14.53	14.57	14.67		
1.4	64QAM	3	0	14.25	14.34	14.45		
1.4	64QAM	3	1	14.47	14.63	14.56		
1.4	64QAM	3	3	14.57	14.59	14.42		
1.4	64QAM	6	0	14.42	14.53	14.61	16	0

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BW [MHz]	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	22.39	22.38	22.44	24.1	0
20	QPSK	1	49	22.55	22.58	22.59		
20	QPSK	1	99	22.43	22.41	22.44		
20	QPSK	50	0	21.39	21.54	21.32	23.1	1
20	QPSK	50	24	21.52	21.58	21.59		
20	QPSK	50	50	21.45	21.57	21.41		
20	QPSK	100	0	21.46	21.52	21.54		
20	16QAM	1	0	21.69	21.62	21.88	23.1	1
20	16QAM	1	49	21.91	21.87	21.99		
20	16QAM	1	99	21.74	21.65	21.81		
20	16QAM	50	0	20.50	20.61	20.32	22.1	2
20	16QAM	50	24	20.39	20.60	20.49		
20	16QAM	50	50	20.48	20.57	20.43		
20	16QAM	100	0	20.43	20.56	20.40		
20	64QAM	1	0	20.47	20.41	20.41	22.1	2
20	64QAM	1	49	20.52	20.56	20.54		
20	64QAM	1	99	20.49	20.42	20.31		
20	64QAM	50	0	19.68	19.67	19.38	21.1	3
20	64QAM	50	24	19.61	19.72	19.59		
20	64QAM	50	50	19.60	19.49	19.56		
20	64QAM	100	0	19.63	19.65	19.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.20	22.35	22.43	24.1	0
15	QPSK	1	37	22.37	22.46	22.53		
15	QPSK	1	74	22.25	22.31	22.41		
15	QPSK	36	0	21.25	21.37	21.48	23.1	1
15	QPSK	36	20	21.28	21.36	21.46		
15	QPSK	36	39	21.24	21.38	21.41		
15	QPSK	75	0	21.28	21.38	21.50		
15	16QAM	1	0	21.39	21.59	21.64	23.1	1
15	16QAM	1	37	21.59	21.68	21.70		
15	16QAM	1	74	21.49	21.50	21.60		
15	16QAM	36	0	20.30	20.35	20.46	22.1	2
15	16QAM	36	20	20.31	20.39	20.45		
15	16QAM	36	39	20.27	20.35	20.45		
15	16QAM	75	0	20.25	20.37	20.43		
15	64QAM	1	0	20.22	20.46	20.50	22.1	2
15	64QAM	1	37	20.46	20.59	20.61		
15	64QAM	1	74	20.30	20.41	20.47		
15	64QAM	36	0	19.40	19.48	19.59	21.1	3
15	64QAM	36	20	19.45	19.53	19.45		
15	64QAM	36	39	19.44	19.54	19.39		
15	64QAM	75	0	19.43	19.49	19.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.22	22.44	22.46	24.1	0
10	QPSK	1	25	22.35	22.48	22.56		
10	QPSK	1	49	22.31	22.36	22.47		
10	QPSK	25	0	21.26	21.40	21.50	23.1	1
10	QPSK	25	12	21.31	21.41	21.51		
10	QPSK	25	25	21.30	21.41	21.52		
10	QPSK	50	0	21.34	21.44	21.57		
10	16QAM	1	0	21.40	21.67	21.67	23.1	1
10	16QAM	1	25	21.55	21.69	21.76		
10	16QAM	1	49	21.54	21.56	21.65		
10	16QAM	25	0	20.25	20.41	20.50	22.1	2
10	16QAM	25	12	20.29	20.39	20.53		
10	16QAM	25	25	20.29	20.39	20.51		
10	16QAM	50	0	20.31	20.41	20.49		
10	64QAM	1	0	20.30	20.55	20.55	22.1	2
10	64QAM	1	25	20.45	20.55	20.64		
10	64QAM	1	49	20.40	20.46	20.57		
10	64QAM	25	0	19.43	19.58	19.47	21.1	3
10	64QAM	25	12	19.48	19.53	19.48		
10	64QAM	25	25	19.45	19.56	19.45		
10	64QAM	50	0	19.43	19.57	19.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.26	22.47	22.54	24.1	0
5	QPSK	1	12	22.32	22.50	22.54		
5	QPSK	1	24	22.30	22.42	22.52		
5	QPSK	12	0	21.26	21.46	21.53	23.1	1
5	QPSK	12	7	21.25	21.41	21.52		
5	QPSK	12	13	21.19	21.39	21.48		
5	QPSK	25	0	21.23	21.44	21.52		
5	16QAM	1	0	21.40	21.65	21.73	23.1	1
5	16QAM	1	12	21.47	21.70	21.75		
5	16QAM	1	24	21.45	21.61	21.70		
5	16QAM	12	0	20.24	20.40	20.45	22.1	2
5	16QAM	12	7	20.21	20.36	20.50		
5	16QAM	12	13	20.15	20.38	20.44		
5	16QAM	25	0	20.20	20.42	20.52		
5	64QAM	1	0	20.32	20.55	20.64	22.1	2
5	64QAM	1	12	20.38	20.60	20.65		
5	64QAM	1	24	20.37	20.51	20.59		
5	64QAM	12	0	19.41	19.58	19.46	21.1	3
5	64QAM	12	7	19.38	19.57	19.52		
5	64QAM	12	13	19.35	19.57	19.45		
5	64QAM	25	0	19.34	19.55	19.48		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.24	22.42	22.48	24.1	0
3	QPSK	1	8	22.25	22.42	22.52		
3	QPSK	1	14	22.23	22.39	22.50		
3	QPSK	8	0	21.22	21.42	21.52	23.1	1
3	QPSK	8	4	21.22	21.40	21.52		
3	QPSK	8	7	21.19	21.37	21.50		
3	QPSK	15	0	21.20	21.38	21.49		
3	16QAM	1	0	21.41	21.66	21.72	23.1	1
3	16QAM	1	8	21.45	21.62	21.76		
3	16QAM	1	14	21.44	21.61	21.69		
3	16QAM	8	0	20.26	20.46	20.56	22.1	2
3	16QAM	8	4	20.25	20.44	20.55		
3	16QAM	8	7	20.23	20.40	20.53		
3	16QAM	15	0	20.20	20.38	20.52		
3	64QAM	1	0	20.27	20.55	20.62	22.1	2
3	64QAM	1	8	20.35	20.55	20.65		
3	64QAM	1	14	20.30	20.51	20.59		
3	64QAM	8	0	19.39	19.58	19.50	21.1	3
3	64QAM	8	4	19.38	19.55	19.49		
3	64QAM	8	7	19.39	19.55	19.47		
3	64QAM	15	0	19.34	19.52	19.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.22	22.41	22.51	24.1	0
1.4	QPSK	1	3	22.24	22.43	22.53		
1.4	QPSK	1	5	22.23	22.41	22.51		
1.4	QPSK	3	0	22.22	22.44	22.55		
1.4	QPSK	3	1	22.24	22.45	22.54		
1.4	QPSK	3	3	22.24	22.41	22.53		
1.4	QPSK	6	0	21.23	21.43	21.53	23.1	1
1.4	16QAM	1	0	21.39	21.67	21.72	23.1	1
1.4	16QAM	1	3	21.42	21.67	21.72		
1.4	16QAM	1	5	21.38	21.66	21.70		
1.4	16QAM	3	0	21.23	21.42	21.52		
1.4	16QAM	3	1	21.23	21.43	21.52		
1.4	16QAM	3	3	21.23	21.39	21.50		
1.4	16QAM	6	0	20.27	20.48	20.55	22.1	2
1.4	64QAM	1	0	20.31	20.55	20.64	22.1	2
1.4	64QAM	1	3	20.29	20.53	20.61		
1.4	64QAM	1	5	20.29	20.54	20.59		
1.4	64QAM	3	0	20.30	20.54	20.62		
1.4	64QAM	3	1	20.33	20.53	20.63		
1.4	64QAM	3	3	20.30	20.48	20.61		
1.4	64QAM	6	0	19.31	19.54	19.44	21.1	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	19.08	19.00	19.07	20.5	0
10	QPSK	1	25	19.17	19.29	19.13		
10	QPSK	1	49	19.12	19.13	19.06		
10	QPSK	25	0	19.10	19.22	19.03	20.5	0
10	QPSK	25	12	19.15	19.27	19.10		
10	QPSK	25	25	19.13	19.09	19.01		
10	QPSK	50	0	19.22	19.26	19.03		
10	16QAM	1	0	19.12	19.21	19.07	20.5	0
10	16QAM	1	25	19.17	19.24	19.13		
10	16QAM	1	49	19.03	19.23	19.07		
10	16QAM	25	0	19.18	19.07	19.03	20.5	0
10	16QAM	25	12	19.28	19.08	19.00		
10	16QAM	25	25	19.28	19.01	19.01		
10	16QAM	50	0	19.19	19.05	19.06		
10	64QAM	1	0	19.16	19.05	19.17	20.5	0
10	64QAM	1	25	19.14	19.06	19.14		
10	64QAM	1	49	19.18	19.21	19.15		
10	64QAM	25	0	19.23	19.04	19.08	20.5	0
10	64QAM	25	12	19.22	19.11	19.04		
10	64QAM	25	25	19.25	19.05	19.01		
10	64QAM	50	0	19.27	19.07	19.03		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.10	19.00	19.03	20.5	0
5	QPSK	1	12	19.10	19.03	19.09		
5	QPSK	1	24	18.90	19.04	18.92		
5	QPSK	12	0	19.08	19.21	18.91	20.5	0
5	QPSK	12	7	18.95	18.91	19.06		
5	QPSK	12	13	19.25	19.13	18.91		
5	QPSK	25	0	18.96	19.14	19.06		
5	16QAM	1	0	19.08	19.10	18.94	20.5	0
5	16QAM	1	12	19.20	19.05	19.08		
5	16QAM	1	24	19.09	19.14	19.04		
5	16QAM	12	0	19.00	18.99	19.01	20.5	0
5	16QAM	12	7	19.13	19.06	18.95		
5	16QAM	12	13	19.24	19.04	18.94		
5	16QAM	25	0	18.91	19.02	19.05		
5	64QAM	1	0	19.09	18.94	18.96	20.5	0
5	64QAM	1	12	19.11	19.06	19.11		
5	64QAM	1	24	18.99	19.23	19.04		
5	64QAM	12	0	19.09	19.02	19.06	20.5	0
5	64QAM	12	7	19.23	19.06	19.01		
5	64QAM	12	13	19.09	19.08	19.07		
5	64QAM	25	0	19.17	18.93	18.98		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.07	18.92	18.97	20.5	0
3	QPSK	1	8	18.97	19.09	18.97		
3	QPSK	1	14	18.94	19.13	19.08		
3	QPSK	8	0	19.22	19.14	18.95	20.5	0
3	QPSK	8	4	19.25	18.93	18.96		
3	QPSK	8	7	19.03	19.02	19.09		
3	QPSK	15	0	19.09	19.02	19.05		
3	16QAM	1	0	19.05	19.27	18.96	20.5	0
3	16QAM	1	8	19.15	19.23	19.18		
3	16QAM	1	14	19.00	19.18	19.09		
3	16QAM	8	0	18.92	18.94	19.07	20.5	0
3	16QAM	8	4	19.12	18.92	19.07		
3	16QAM	8	7	19.12	19.07	19.06		
3	16QAM	15	0	19.23	18.91	18.93		
3	64QAM	1	0	18.98	18.91	19.00	20.5	0
3	64QAM	1	8	19.10	19.10	18.91		
3	64QAM	1	14	19.21	19.03	19.15		
3	64QAM	8	0	19.26	19.03	18.92	20.5	0
3	64QAM	8	4	19.04	19.16	18.98		
3	64QAM	8	7	19.18	18.99	19.00		
3	64QAM	15	0	19.28	18.90	19.00		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.06	18.96	19.06	20.5	0
1.4	QPSK	1	3	19.09	19.05	19.18		
1.4	QPSK	1	5	19.00	19.17	18.99		
1.4	QPSK	3	0	19.11	19.23	19.03		
1.4	QPSK	3	1	18.97	19.02	18.93		
1.4	QPSK	3	3	19.16	18.98	18.91		
1.4	QPSK	6	0	19.09	19.20	18.96	20.5	0
1.4	16QAM	1	0	18.93	18.94	18.90	20.5	0
1.4	16QAM	1	3	19.07	18.98	19.18		
1.4	16QAM	1	5	18.97	19.20	18.99		
1.4	16QAM	3	0	19.25	18.91	19.00		
1.4	16QAM	3	1	19.04	19.08	18.98		
1.4	16QAM	3	3	19.25	18.97	18.99		
1.4	16QAM	6	0	19.14	19.02	18.99	20.5	0
1.4	64QAM	1	0	19.04	18.99	19.02	20.5	0
1.4	64QAM	1	3	19.05	18.98	19.03		
1.4	64QAM	1	5	19.21	19.25	19.02		
1.4	64QAM	3	0	19.16	19.12	19.11		
1.4	64QAM	3	1	18.96	19.15	19.06		
1.4	64QAM	3	3	19.06	19.06	19.03		
1.4	64QAM	6	0	19.27	19.02	19.00	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	23.21	23.27	23.14	24.5	0
10	QPSK	1	25	23.28	23.33	23.21		
10	QPSK	1	49	23.21	23.24	23.17		
10	QPSK	25	0	22.21	22.22	22.18	23.5	1
10	QPSK	25	12	22.24	22.27	22.23		
10	QPSK	25	25	22.22	22.25	22.16		
10	QPSK	50	0	22.21	22.24	22.19		
10	16QAM	1	0	22.39	22.51	22.36	23.5	1
10	16QAM	1	25	22.52	22.54	22.41		
10	16QAM	1	49	22.47	22.46	22.37		
10	16QAM	25	0	21.26	21.21	21.21	22.5	2
10	16QAM	25	12	21.22	21.26	21.18		
10	16QAM	25	25	21.22	21.19	21.15		
10	16QAM	50	0	21.22	21.22	21.22		
10	64QAM	1	0	21.32	21.37	21.20	22.5	2
10	64QAM	1	25	21.41	21.44	21.27		
10	64QAM	1	49	21.36	21.35	21.25		
10	64QAM	25	0	20.22	20.20	20.20	21.5	3
10	64QAM	25	12	20.21	20.23	20.17		
10	64QAM	25	25	20.20	20.16	20.10		
10	64QAM	50	0	20.19	20.18	20.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.28	23.20	24.5	0
5	QPSK	1	12	23.29	23.31	23.23		
5	QPSK	1	24	23.26	23.29	23.21		
5	QPSK	12	0	22.27	22.27	22.21	23.5	1
5	QPSK	12	7	22.22	22.25	22.20		
5	QPSK	12	13	22.21	22.23	22.15		
5	QPSK	25	0	22.25	22.25	22.21		
5	16QAM	1	0	22.46	22.47	22.36	23.5	1
5	16QAM	1	12	22.50	22.51	22.43		
5	16QAM	1	24	22.45	22.46	22.35		
5	16QAM	12	0	21.20	21.22	21.18	22.5	2
5	16QAM	12	7	21.20	21.22	21.17		
5	16QAM	12	13	21.18	21.21	21.11		
5	16QAM	25	0	21.22	21.24	21.21		
5	64QAM	1	0	21.37	21.33	21.31	22.5	2
5	64QAM	1	12	21.44	21.43	21.34		
5	64QAM	1	24	21.36	21.34	21.27		
5	64QAM	12	0	20.25	20.20	20.18	21.5	3
5	64QAM	12	7	20.23	20.23	20.16		
5	64QAM	12	13	20.20	20.20	20.15		
5	64QAM	25	0	20.21	20.20	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.26	23.29	23.16	24.5	0
3	QPSK	1	8	23.26	23.27	23.18		
3	QPSK	1	14	23.24	23.26	23.16		
3	QPSK	8	0	22.24	22.25	22.18	23.5	1
3	QPSK	8	4	22.23	22.24	22.18		
3	QPSK	8	7	22.18	22.22	22.14		
3	QPSK	15	0	22.20	22.21	22.16		
3	16QAM	1	0	22.39	22.48	22.38	23.5	1
3	16QAM	1	8	22.45	22.51	22.41		
3	16QAM	1	14	22.45	22.45	22.40		
3	16QAM	8	0	21.29	21.30	21.22	22.5	2
3	16QAM	8	4	21.27	21.29	21.20		
3	16QAM	8	7	21.27	21.26	21.19		
3	16QAM	15	0	21.24	21.23	21.19		
3	64QAM	1	0	21.34	21.37	21.30	22.5	2
3	64QAM	1	8	21.38	21.41	21.30		
3	64QAM	1	14	21.35	21.37	21.27		
3	64QAM	8	0	20.23	20.23	20.17	21.5	3
3	64QAM	8	4	20.22	20.22	20.17		
3	64QAM	8	7	20.21	20.21	20.16		
3	64QAM	15	0	20.17	20.18	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.27	23.16	24.5	0
1.4	QPSK	1	3	23.24	23.26	23.17		
1.4	QPSK	1	5	23.23	23.27	23.16		
1.4	QPSK	3	0	23.28	23.26	23.17		
1.4	QPSK	3	1	23.26	23.27	23.20		
1.4	QPSK	3	3	23.26	23.27	23.21		
1.4	QPSK	6	0	22.28	22.27	22.19	23.5	1
1.4	16QAM	1	0	22.43	22.50	22.37	23.5	1
1.4	16QAM	1	3	22.45	22.50	22.40		
1.4	16QAM	1	5	22.42	22.50	22.36		
1.4	16QAM	3	0	22.26	22.25	22.21		
1.4	16QAM	3	1	22.27	22.26	22.20		
1.4	16QAM	3	3	22.25	22.24	22.18		
1.4	16QAM	6	0	21.31	21.30	21.21	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.31	22.5	2
1.4	64QAM	1	3	21.37	21.42	21.31		
1.4	64QAM	1	5	21.37	21.39	21.25		
1.4	64QAM	3	0	21.28	21.30	21.26		
1.4	64QAM	3	1	21.30	21.31	21.27		
1.4	64QAM	3	3	21.32	21.32	21.24		
1.4	64QAM	6	0	20.19	20.16	20.12	21.5	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	10.53	10.52	10.61	12	0
20	QPSK	1	49	10.72	10.89	10.79		
20	QPSK	1	99	10.70	10.79	10.73		
20	QPSK	50	0	10.59	10.69	10.74	12	0
20	QPSK	50	24	10.68	10.85	10.84		
20	QPSK	50	50	10.67	10.74	10.83		
20	QPSK	100	0	10.57	10.84	10.81		
20	16QAM	1	0	10.75	10.83	10.52	12	0
20	16QAM	1	49	10.86	10.65	10.83		
20	16QAM	1	99	10.87	10.87	10.79		
20	16QAM	50	0	10.52	10.74	10.72	12	0
20	16QAM	50	24	10.64	10.82	10.76		
20	16QAM	50	50	10.64	10.80	10.84		
20	16QAM	100	0	10.55	10.70	10.83		
20	64QAM	1	0	10.82	10.70	10.59	12	0
20	64QAM	1	49	10.84	10.84	10.63		
20	64QAM	1	99	10.74	10.87	10.71		
20	64QAM	50	0	10.57	10.69	10.76	12	0
20	64QAM	50	24	10.64	10.78	10.74		
20	64QAM	50	50	10.65	10.74	10.84		
20	64QAM	100	0	10.56	10.70	10.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.46	10.57	10.37	12	0
15	QPSK	1	37	10.64	10.72	10.87		
15	QPSK	1	74	10.71	10.80	10.69		
15	QPSK	36	0	10.52	10.53	10.55	12	0
15	QPSK	36	20	10.57	10.73	10.65		
15	QPSK	36	39	10.75	10.52	10.71		
15	QPSK	75	0	10.34	10.57	10.65		
15	16QAM	1	0	10.60	10.62	10.51	12	0
15	16QAM	1	37	10.88	10.55	10.65		
15	16QAM	1	74	10.85	10.87	10.55		
15	16QAM	36	0	10.36	10.48	10.64	12	0
15	16QAM	36	20	10.51	10.71	10.48		
15	16QAM	36	39	10.59	10.83	10.88		
15	16QAM	75	0	10.47	10.50	10.88		
15	64QAM	1	0	10.61	10.56	10.55	12	0
15	64QAM	1	37	10.87	10.60	10.46		
15	64QAM	1	74	10.77	10.85	10.74		
15	64QAM	36	0	10.41	10.56	10.52	12	0
15	64QAM	36	20	10.38	10.51	10.52		
15	64QAM	36	39	10.47	10.70	10.57		
15	64QAM	75	0	10.35	10.56	10.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.57	10.58	10.59	12	0
10	QPSK	1	25	10.77	10.68	10.70		
10	QPSK	1	49	10.58	10.54	10.62		
10	QPSK	25	0	10.33	10.74	10.55	12	0
10	QPSK	25	12	10.47	10.85	10.60		
10	QPSK	25	25	10.49	10.63	10.72		
10	QPSK	50	0	10.32	10.69	10.66		
10	16QAM	1	0	10.62	10.59	10.37	12	0
10	16QAM	1	25	10.63	10.47	10.67		
10	16QAM	1	49	10.69	10.65	10.76		
10	16QAM	25	0	10.55	10.48	10.67	12	0
10	16QAM	25	12	10.67	10.55	10.48		
10	16QAM	25	25	10.43	10.54	10.65		
10	16QAM	50	0	10.55	10.49	10.59		
10	64QAM	1	0	10.88	10.54	10.41	12	0
10	64QAM	1	25	10.83	10.77	10.64		
10	64QAM	1	49	10.70	10.78	10.44		
10	64QAM	25	0	10.43	10.58	10.63	12	0
10	64QAM	25	12	10.65	10.63	10.77		
10	64QAM	25	25	10.71	10.69	10.68		
10	64QAM	50	0	10.28	10.43	10.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	10.47	10.24	10.49	12	0
5	QPSK	1	12	10.75	10.72	10.87		
5	QPSK	1	24	10.69	10.79	10.73		
5	QPSK	12	0	10.53	10.42	10.80	12	0
5	QPSK	12	7	10.41	10.60	10.57		
5	QPSK	12	13	10.49	10.68	10.59		
5	QPSK	25	0	10.63	10.76	10.82		
5	16QAM	1	0	10.59	10.69	10.53	12	0
5	16QAM	1	12	10.86	10.53	10.79		
5	16QAM	1	24	10.71	10.84	10.60		
5	16QAM	12	0	10.54	10.69	10.55	12	0
5	16QAM	12	7	10.72	10.56	10.74		
5	16QAM	12	13	10.66	10.86	10.86		
5	16QAM	25	0	10.47	10.66	10.87		
5	64QAM	1	0	10.75	10.72	10.35	12	0
5	64QAM	1	12	10.60	10.67	10.58		
5	64QAM	1	24	10.54	10.70	10.73		
5	64QAM	12	0	10.62	10.41	10.75	12	0
5	64QAM	12	7	10.61	10.61	10.56		
5	64QAM	12	13	10.46	10.77	10.75		
5	64QAM	25	0	10.64	10.52	10.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.27	21.28	21.28	22.5	0
10	QPSK	1	25	21.41	21.46	21.44		
10	QPSK	1	49	21.33	21.45	21.43		
10	QPSK	25	0	21.30	21.35	21.21	22.5	0
10	QPSK	25	12	21.36	21.45	21.32		
10	QPSK	25	25	21.32	21.43	21.24		
10	QPSK	50	0	21.27	21.43	21.30		
10	16QAM	1	0	21.45	21.27	21.02	22.5	0
10	16QAM	1	25	21.31	21.26	21.32		
10	16QAM	1	49	21.43	21.40	21.25		
10	16QAM	25	0	21.11	21.22	21.02	22.5	0
10	16QAM	25	12	21.14	21.14	21.21		
10	16QAM	25	25	21.15	21.40	21.09		
10	16QAM	50	0	21.15	21.26	21.02		
10	64QAM	1	0	21.10	21.36	21.28	22.5	0
10	64QAM	1	25	21.41	21.39	21.37		
10	64QAM	1	49	21.19	21.44	21.35		
10	64QAM	25	0	20.44	20.50	20.40	21.5	1
10	64QAM	25	12	20.44	20.57	20.47		
10	64QAM	25	25	20.54	20.72	20.34		
10	64QAM	50	0	20.42	20.62	20.41		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.08	21.05	21.27	22.5	0
5	QPSK	1	12	21.22	21.33	21.43		
5	QPSK	1	24	21.23	21.27	21.28		
5	QPSK	12	0	21.08	21.27	21.24	22.5	0
5	QPSK	12	7	21.15	21.33	21.34		
5	QPSK	12	13	21.26	21.19	21.07		
5	QPSK	25	0	21.33	21.20	21.19		
5	16QAM	1	0	21.43	21.19	21.00	22.5	0
5	16QAM	1	12	21.06	21.29	21.32		
5	16QAM	1	24	21.42	21.12	20.98		
5	16QAM	12	0	21.16	21.23	20.74	22.5	0
5	16QAM	12	7	21.09	21.06	20.99		
5	16QAM	12	13	21.01	21.19	20.83		
5	16QAM	25	0	20.97	21.06	20.82		
5	64QAM	1	0	21.02	21.21	21.31	22.5	0
5	64QAM	1	12	21.45	21.40	21.28		
5	64QAM	1	24	20.98	21.20	21.23		
5	64QAM	12	0	20.35	20.51	20.22	21.5	1
5	64QAM	12	7	20.17	20.42	20.38		
5	64QAM	12	13	20.39	20.53	20.12		
5	64QAM	25	0	20.37	20.41	20.21		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.10	21.19	21.29	22.5	0
3	QPSK	1	8	21.19	21.29	21.25		
3	QPSK	1	14	21.08	21.24	21.40		
3	QPSK	8	0	21.16	21.11	21.19	22.5	0
3	QPSK	8	4	21.27	21.43	21.13		
3	QPSK	8	7	21.30	21.32	21.11		
3	QPSK	15	0	21.16	21.41	21.12		
3	16QAM	1	0	21.17	21.07	21.01	22.5	0
3	16QAM	1	8	21.19	21.15	21.38		
3	16QAM	1	14	21.40	21.16	21.32		
3	16QAM	8	0	20.96	21.18	20.87	22.5	0
3	16QAM	8	4	21.19	21.16	20.99		
3	16QAM	8	7	21.07	21.16	20.90		
3	16QAM	15	0	21.14	21.30	21.08		
3	64QAM	1	0	21.08	21.18	21.15	22.5	0
3	64QAM	1	8	21.24	21.34	21.22		
3	64QAM	1	14	21.17	21.17	21.20		
3	64QAM	8	0	20.42	20.51	20.15	21.5	1
3	64QAM	8	4	20.21	20.44	20.55		
3	64QAM	8	7	20.44	20.51	20.25		
3	64QAM	15	0	20.46	20.34	20.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.22	21.36	21.25	22.5	0
1.4	QPSK	1	3	21.17	21.44	21.17		
1.4	QPSK	1	5	21.37	21.43	21.43		
1.4	QPSK	3	0	21.36	21.41	21.17		
1.4	QPSK	3	1	21.12	21.22	21.30		
1.4	QPSK	3	3	21.06	21.15	21.03		
1.4	QPSK	6	0	21.01	21.45	21.05	22.5	0
1.4	16QAM	1	0	21.40	21.18	20.96	22.5	0
1.4	16QAM	1	3	21.08	21.04	21.32		
1.4	16QAM	1	5	21.23	21.37	21.33		
1.4	16QAM	3	0	21.15	21.14	21.10		
1.4	16QAM	3	1	21.00	21.08	21.18		
1.4	16QAM	3	3	21.04	21.44	20.98		
1.4	16QAM	6	0	20.87	21.07	20.96	22.5	0
1.4	64QAM	1	0	21.13	21.43	21.35	22.5	0
1.4	64QAM	1	3	21.38	21.35	21.34		
1.4	64QAM	1	5	21.11	21.45	21.19		
1.4	64QAM	3	0	21.34	21.34	21.26		
1.4	64QAM	3	1	21.27	21.43	21.04		
1.4	64QAM	3	3	21.27	21.33	21.06		
1.4	64QAM	6	0	20.45	20.60	20.29	21.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.40	23.51	23.33	24.5	0
10	QPSK	1	25	23.50	23.54	23.48		
10	QPSK	1	49	23.47	23.50	23.47		
10	QPSK	25	0	22.43	22.40	22.29	23.5	1
10	QPSK	25	12	22.45	22.48	22.31		
10	QPSK	25	25	22.44	22.41	22.27		
10	QPSK	50	0	22.46	22.48	22.33		
10	16QAM	1	0	22.80	22.75	22.84	23.5	1
10	16QAM	1	25	22.82	22.85	22.84		
10	16QAM	1	49	22.86	22.84	22.85		
10	16QAM	25	0	21.40	21.32	21.31	22.5	2
10	16QAM	25	12	21.35	21.37	21.48		
10	16QAM	25	25	21.42	21.50	21.36		
10	16QAM	50	0	21.49	21.45	21.27		
10	64QAM	1	0	21.59	21.40	21.61	22.5	2
10	64QAM	1	25	21.62	21.57	21.65		
10	64QAM	1	49	21.73	21.47	21.60		
10	64QAM	25	0	20.57	20.52	20.48	21.5	3
10	64QAM	25	12	20.57	20.61	20.57		
10	64QAM	25	25	20.62	20.67	20.41		
10	64QAM	50	0	20.55	20.57	20.38		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.29	23.37	23.36	24.5	0
5	QPSK	1	12	23.43	23.38	23.39		
5	QPSK	1	24	23.45	23.45	23.43		
5	QPSK	12	0	22.27	22.27	22.28	23.5	1
5	QPSK	12	7	22.33	22.35	22.22		
5	QPSK	12	13	22.31	22.33	22.13		
5	QPSK	25	0	22.30	22.32	22.22		
5	16QAM	1	0	22.71	22.68	22.70	23.5	1
5	16QAM	1	12	22.83	22.74	22.72		
5	16QAM	1	24	22.74	22.86	22.65		
5	16QAM	12	0	21.28	21.27	21.22	22.5	2
5	16QAM	12	7	21.35	21.34	21.19		
5	16QAM	12	13	21.27	21.42	21.06		
5	16QAM	25	0	21.31	21.29	21.26		
5	64QAM	1	0	21.63	21.55	20.93	22.5	2
5	64QAM	1	12	21.56	21.25	21.32		
5	64QAM	1	24	21.55	21.17	21.01		
5	64QAM	12	0	20.44	20.41	20.42	21.5	3
5	64QAM	12	7	20.45	20.41	20.44		
5	64QAM	12	13	20.46	20.51	20.33		
5	64QAM	25	0	20.47	20.46	20.44		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.23	23.27	23.29	24.5	0
3	QPSK	1	8	23.22	23.28	23.30		
3	QPSK	1	14	23.32	23.31	23.32		
3	QPSK	8	0	22.24	22.28	22.17	23.5	1
3	QPSK	8	4	22.27	22.37	22.18		
3	QPSK	8	7	22.24	22.30	22.17		
3	QPSK	15	0	22.26	22.23	22.25		
3	16QAM	1	0	22.57	22.57	22.56	23.5	1
3	16QAM	1	8	22.55	22.62	22.56		
3	16QAM	1	14	22.66	22.63	22.51		
3	16QAM	8	0	21.25	21.24	21.20	22.5	2
3	16QAM	8	4	21.24	21.28	21.28		
3	16QAM	8	7	21.27	21.26	21.27		
3	16QAM	15	0	21.33	21.36	21.09		
3	64QAM	1	0	21.28	21.58	21.40	22.5	2
3	64QAM	1	8	21.31	21.32	21.24		
3	64QAM	1	14	21.36	21.32	21.22		
3	64QAM	8	0	20.48	20.49	20.36	21.5	3
3	64QAM	8	4	20.46	20.50	20.37		
3	64QAM	8	7	20.41	20.51	20.52		
3	64QAM	15	0	20.43	20.50	20.38		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.22	23.27	23.02	24.5	0
1.4	QPSK	1	3	23.22	23.25	23.07		
1.4	QPSK	1	5	23.25	23.17	23.05		
1.4	QPSK	3	0	23.31	23.29	23.15		
1.4	QPSK	3	1	23.30	23.35	23.24		
1.4	QPSK	3	3	23.29	23.31	23.15		
1.4	QPSK	6	0	22.30	22.27	22.25	23.5	1
1.4	16QAM	1	0	22.41	22.22	22.03	23.5	1
1.4	16QAM	1	3	22.42	22.27	22.02		
1.4	16QAM	1	5	22.42	22.23	22.05		
1.4	16QAM	3	0	22.42	22.33	22.27		
1.4	16QAM	3	1	22.37	22.35	22.35		
1.4	16QAM	3	3	22.31	22.32	22.23		
1.4	16QAM	6	0	21.27	21.21	21.22	22.5	2
1.4	64QAM	1	0	21.56	21.67	21.45	22.5	2
1.4	64QAM	1	3	21.50	21.64	21.48		
1.4	64QAM	1	5	21.53	21.55	21.20		
1.4	64QAM	3	0	21.49	21.50	21.22		
1.4	64QAM	3	1	21.48	21.52	21.23		
1.4	64QAM	3	3	21.46	21.54	21.27		
1.4	64QAM	6	0	20.48	20.45	20.31	21.5	3

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	21.30	21.36	21.31	22.5	0
10	QPSK	1	25	21.35	21.45	21.39		
10	QPSK	1	49	21.32	21.32	21.32		
10	QPSK	25	0	21.21	21.22	21.18	22.5	0
10	QPSK	25	12	21.32	21.42	21.35		
10	QPSK	25	25	21.29	21.38	21.09		
10	QPSK	50	0	21.34	21.40	21.20		
10	16QAM	1	0	21.20	21.09	21.43	22.5	0
10	16QAM	1	25	21.44	21.19	21.42		
10	16QAM	1	49	21.40	21.16	21.41		
10	16QAM	25	0	21.28	21.38	21.05	22.5	0
10	16QAM	25	12	21.32	21.44	21.29		
10	16QAM	25	25	21.41	21.28	21.12		
10	16QAM	50	0	21.27	21.39	21.15		
10	64QAM	1	0	21.24	21.29	21.06	22.5	0
10	64QAM	1	25	21.21	21.39	21.29		
10	64QAM	1	49	20.93	21.25	21.22		
10	64QAM	25	0	20.44	20.47	20.31	21.5	1
10	64QAM	25	12	20.51	20.65	20.48		
10	64QAM	25	25	20.59	20.55	20.34		
10	64QAM	50	0	20.47	20.50	20.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.22	21.25	21.24	22.5	0
5	QPSK	1	12	21.19	21.36	21.40		
5	QPSK	1	24	21.19	21.08	21.10		
5	QPSK	12	0	21.02	21.18	21.13	22.5	0
5	QPSK	12	7	21.33	21.17	21.07		
5	QPSK	12	13	21.32	21.39	20.90		
5	QPSK	25	0	21.20	21.15	21.16		
5	16QAM	1	0	21.19	21.00	21.38	22.5	0
5	16QAM	1	12	21.42	21.26	21.20		
5	16QAM	1	24	21.29	21.19	21.17		
5	16QAM	12	0	21.36	21.19	20.87	22.5	0
5	16QAM	12	7	21.21	21.17	21.25		
5	16QAM	12	13	21.32	21.24	20.94		
5	16QAM	25	0	21.27	21.34	21.07		
5	64QAM	1	0	21.24	21.22	21.08	22.5	0
5	64QAM	1	12	21.25	21.34	21.31		
5	64QAM	1	24	20.90	21.13	21.23		
5	64QAM	12	0	20.42	20.21	20.22	21.5	1
5	64QAM	12	7	20.45	20.59	20.54		
5	64QAM	12	13	20.39	20.38	20.38		
5	64QAM	25	0	20.27	20.45	20.23		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.38	23.28	23.35	24.5	0
10	QPSK	1	25	23.43	23.52	23.47		
10	QPSK	1	49	23.39	23.46	23.43		
10	QPSK	25	0	22.27	22.24	22.22	23.5	1
10	QPSK	25	12	22.35	22.40	22.39		
10	QPSK	25	25	22.31	22.30	22.24		
10	QPSK	50	0	22.10	22.39	22.30		
10	16QAM	1	0	22.46	22.71	22.77	23.5	1
10	16QAM	1	25	22.86	22.78	22.88		
10	16QAM	1	49	22.49	22.72	22.86		
10	16QAM	25	0	21.28	21.28	21.22	22.5	2
10	16QAM	25	12	21.34	21.44	21.38		
10	16QAM	25	25	21.29	21.32	21.27		
10	16QAM	50	0	21.30	21.27	21.28		
10	64QAM	1	0	21.57	21.27	21.23	22.5	2
10	64QAM	1	25	21.64	21.66	21.44		
10	64QAM	1	49	21.73	21.68	21.46		
10	64QAM	25	0	20.44	20.46	20.43	21.5	3
10	64QAM	25	12	20.46	20.57	20.61		
10	64QAM	25	25	20.65	20.54	20.41		
10	64QAM	50	0	20.46	20.51	20.45		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.30	23.35	23.30	24.5	0
5	QPSK	1	12	23.30	23.44	23.25		
5	QPSK	1	24	23.36	23.37	23.25		
5	QPSK	12	0	22.21	22.30	22.31	23.5	1
5	QPSK	12	7	22.26	22.37	22.40		
5	QPSK	12	13	22.39	22.34	22.15		
5	QPSK	25	0	22.28	22.36	22.21		
5	16QAM	1	0	22.20	22.34	22.34	23.5	1
5	16QAM	1	12	22.23	22.41	22.37		
5	16QAM	1	24	22.30	22.31	22.35		
5	16QAM	12	0	21.43	21.28	21.28	22.5	2
5	16QAM	12	7	21.31	21.30	21.24		
5	16QAM	12	13	21.36	21.27	21.11		
5	16QAM	25	0	21.32	21.31	21.24		
5	64QAM	1	0	21.74	21.40	21.52	22.5	2
5	64QAM	1	12	21.73	21.36	21.54		
5	64QAM	1	24	21.70	21.40	21.50		
5	64QAM	12	0	20.62	20.45	20.56	21.5	3
5	64QAM	12	7	20.62	20.43	20.50		
5	64QAM	12	13	20.67	20.39	20.42		
5	64QAM	25	0	20.49	20.47	20.32		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.29	13.27	13.21	14.4	0
20	QPSK	1	49	13.50	13.49	13.38		
20	QPSK	1	99	13.41	13.26	13.25		
20	QPSK	50	0	13.39	13.38	13.35	14.4	0
20	QPSK	50	24	13.44	13.41	13.36		
20	QPSK	50	50	13.40	13.35	13.31		
20	QPSK	100	0	13.40	13.38	13.36		
20	16QAM	1	0	13.26	13.36	13.23	14.4	0
20	16QAM	1	49	13.47	13.43	13.37		
20	16QAM	1	99	13.38	13.31	13.28		
20	16QAM	50	0	13.41	13.39	13.35	14.4	0
20	16QAM	50	24	13.46	13.42	13.39		
20	16QAM	50	50	13.40	13.39	13.35		
20	16QAM	100	0	13.40	13.38	13.35		
20	64QAM	1	0	13.13	13.15	13.04	14.4	0
20	64QAM	1	49	13.24	13.22	13.19		
20	64QAM	1	99	13.16	13.12	13.10		
20	64QAM	50	0	13.41	13.38	13.35	14.4	0
20	64QAM	50	24	13.43	13.40	13.36		
20	64QAM	50	50	13.42	13.34	13.33		
20	64QAM	100	0	13.39	13.38	13.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.19	13.03	13.28	14.4	0
15	QPSK	1	37	13.29	13.41	13.17		
15	QPSK	1	74	13.38	13.10	13.20		
15	QPSK	36	0	13.29	13.19	13.25	14.4	0
15	QPSK	36	20	13.39	13.17	13.44		
15	QPSK	36	39	13.35	13.25	13.03		
15	QPSK	75	0	13.38	13.25	13.24		
15	16QAM	1	0	13.11	13.18	13.11	14.4	0
15	16QAM	1	37	13.30	13.21	13.13		
15	16QAM	1	74	13.35	13.09	13.14		
15	16QAM	36	0	13.27	13.24	13.07	14.4	0
15	16QAM	36	20	13.37	13.46	13.34		
15	16QAM	36	39	13.21	13.33	13.31		
15	16QAM	75	0	13.46	13.10	13.21		
15	64QAM	1	0	13.12	12.98	13.05	14.4	0
15	64QAM	1	37	12.97	13.14	13.04		
15	64QAM	1	74	13.15	13.01	13.17		
15	64QAM	36	0	13.24	13.21	13.36	14.4	0
15	64QAM	36	20	13.49	13.14	13.34		
15	64QAM	36	39	13.30	13.18	13.38		
15	64QAM	75	0	13.46	13.22	13.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.11	13.07	13.24	14.4	0
10	QPSK	1	25	13.39	13.44	13.21		
10	QPSK	1	49	13.37	12.99	13.12		
10	QPSK	25	0	13.20	13.36	13.26	14.4	0
10	QPSK	25	12	13.25	13.26	13.42		
10	QPSK	25	25	13.20	13.19	13.20		
10	QPSK	50	0	13.21	13.25	13.43		
10	16QAM	1	0	13.15	13.12	12.95	14.4	0
10	16QAM	1	25	13.37	13.19	13.20		
10	16QAM	1	49	13.44	13.06	13.20		
10	16QAM	25	0	13.44	13.20	13.36	14.4	0
10	16QAM	25	12	13.33	13.31	13.45		
10	16QAM	25	25	13.20	13.13	13.12		
10	16QAM	50	0	13.43	13.45	13.09		
10	64QAM	1	0	13.21	13.23	12.78	14.4	0
10	64QAM	1	25	13.12	12.95	13.21		
10	64QAM	1	49	12.92	12.97	13.11		
10	64QAM	25	0	13.38	13.17	13.41	14.4	0
10	64QAM	25	12	13.34	13.15	13.29		
10	64QAM	25	25	13.47	13.29	13.22		
10	64QAM	50	0	13.46	13.35	13.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.30	13.12	13.22	14.4	0
5	QPSK	1	12	13.30	13.31	13.45		
5	QPSK	1	24	13.31	13.16	12.98		
5	QPSK	12	0	13.24	13.30	13.39	14.4	0
5	QPSK	12	7	13.41	13.14	13.18		
5	QPSK	12	13	13.27	13.31	13.31		
5	QPSK	25	0	13.13	13.36	13.26		
5	16QAM	1	0	13.33	13.13	13.01	14.4	0
5	16QAM	1	12	13.39	13.33	13.25		
5	16QAM	1	24	13.22	13.12	13.24		
5	16QAM	12	0	13.40	13.36	13.37	14.4	0
5	16QAM	12	7	13.41	13.35	13.31		
5	16QAM	12	13	13.23	13.40	13.39		
5	16QAM	25	0	13.38	13.27	13.42		
5	64QAM	1	0	12.86	12.99	12.76	14.4	0
5	64QAM	1	12	13.14	13.10	12.92		
5	64QAM	1	24	13.01	13.04	12.98		
5	64QAM	12	0	13.24	13.38	13.09	14.4	0
5	64QAM	12	7	13.30	13.47	13.13		
5	64QAM	12	13	13.28	13.19	13.39		
5	64QAM	25	0	13.42	13.21	13.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.54	22.54	22.45	23.8	0
20	QPSK	1	49	22.78	22.72	22.64		
20	QPSK	1	99	22.57	22.64	22.63		
20	QPSK	50	0	21.74	21.74	21.70	22.8	1
20	QPSK	50	24	21.85	21.84	21.79		
20	QPSK	50	50	21.72	21.77	21.78		
20	QPSK	100	0	21.82	21.74	21.72		
20	16QAM	1	0	21.80	21.75	21.77	22.8	1
20	16QAM	1	49	22.03	21.99	21.92		
20	16QAM	1	99	21.82	21.90	21.83		
20	16QAM	50	0	20.75	20.77	20.75	21.8	2
20	16QAM	50	24	20.81	20.85	20.78		
20	16QAM	50	50	20.80	20.81	20.76		
20	16QAM	100	0	20.74	20.77	20.74		
20	64QAM	1	0	20.63	20.65	20.58	21.8	2
20	64QAM	1	49	20.80	20.83	20.78		
20	64QAM	1	99	20.63	20.74	20.65		
20	64QAM	50	0	19.69	19.71	19.68	20.8	3
20	64QAM	50	24	19.73	19.77	19.74		
20	64QAM	50	50	19.71	19.74	19.73		
20	64QAM	100	0	19.70	19.73	19.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.64	22.66	22.64	23.8	0
15	QPSK	1	37	22.73	22.76	22.77		
15	QPSK	1	74	22.75	22.66	22.69		
15	QPSK	36	0	21.72	21.71	21.69	22.8	1
15	QPSK	36	20	21.74	21.73	21.68		
15	QPSK	36	39	21.71	21.70	21.70		
15	QPSK	75	0	21.74	21.68	21.73		
15	16QAM	1	0	21.81	21.81	21.75	22.8	1
15	16QAM	1	37	21.89	21.89	21.89		
15	16QAM	1	74	21.93	21.82	21.84		
15	16QAM	36	0	20.70	20.69	20.65	21.8	2
15	16QAM	36	20	20.69	20.72	20.66		
15	16QAM	36	39	20.73	20.69	20.69		
15	16QAM	75	0	20.74	20.73	20.71		
15	64QAM	1	0	20.67	20.67	20.59	21.8	2
15	64QAM	1	37	20.77	20.80	20.83		
15	64QAM	1	74	20.76	20.69	20.71		
15	64QAM	36	0	19.69	19.69	19.67	20.8	3
15	64QAM	36	20	19.68	19.72	19.70		
15	64QAM	36	39	19.70	19.71	19.69		
15	64QAM	75	0	19.70	19.67	19.67		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.61	22.65	22.59	23.8	0
10	QPSK	1	25	22.71	22.66	22.67		
10	QPSK	1	49	22.69	22.64	22.63		
10	QPSK	25	0	21.75	21.78	21.75	22.8	1
10	QPSK	25	12	21.71	21.76	21.73		
10	QPSK	25	25	21.72	21.70	21.79		
10	QPSK	50	0	21.75	21.73	21.78		
10	16QAM	1	0	21.84	21.90	21.84	22.8	1
10	16QAM	1	25	21.90	21.89	21.90		
10	16QAM	1	49	21.87	21.85	21.88		
10	16QAM	25	0	20.76	20.79	20.76	21.8	2
10	16QAM	25	12	20.79	20.74	20.76		
10	16QAM	25	25	20.75	20.74	20.80		
10	16QAM	50	0	20.76	20.78	20.79		
10	64QAM	1	0	20.73	20.71	20.67	21.8	2
10	64QAM	1	25	20.74	20.74	20.74		
10	64QAM	1	49	20.69	20.71	20.72		
10	64QAM	25	0	19.78	19.82	19.77	20.8	3
10	64QAM	25	12	19.77	19.77	19.81		
10	64QAM	25	25	19.74	19.75	19.83		
10	64QAM	50	0	19.71	19.70	19.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.66	22.62	22.62	23.8	0
5	QPSK	1	12	22.71	22.66	22.66		
5	QPSK	1	24	22.67	22.67	22.68		
5	QPSK	12	0	21.78	21.78	21.75	22.8	1
5	QPSK	12	7	21.73	21.69	21.80		
5	QPSK	12	13	21.70	21.75	21.72		
5	QPSK	25	0	21.77	21.76	21.76		
5	16QAM	1	0	21.89	21.89	21.86	22.8	1
5	16QAM	1	12	21.91	21.89	21.91		
5	16QAM	1	24	21.86	21.88	21.87		
5	16QAM	12	0	20.76	20.76	20.76	21.8	2
5	16QAM	12	7	20.75	20.68	20.77		
5	16QAM	12	13	20.70	20.74	20.71		
5	16QAM	25	0	20.78	20.81	20.80		
5	64QAM	1	0	20.73	20.77	20.73	21.8	2
5	64QAM	1	12	20.77	20.70	20.74		
5	64QAM	1	24	20.73	20.73	20.78		
5	64QAM	12	0	19.75	19.81	19.72	20.8	3
5	64QAM	12	7	19.73	19.70	19.75		
5	64QAM	12	13	19.75	19.73	19.73		
5	64QAM	25	0	19.75	19.81	19.81		

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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	13.15	13.25	13.30	13.26	13.14	14.4	0
20	QPSK	1	49	13.28	13.48	13.53	13.39	13.31		
20	QPSK	1	99	13.22	13.41	13.36	13.29	13.17		
20	QPSK	50	0	13.20	13.36	13.44	13.36	13.21	14.4	0
20	QPSK	50	24	13.32	13.39	13.49	13.42	13.28		
20	QPSK	50	50	13.31	13.34	13.44	13.34	13.25		
20	QPSK	100	0	13.28	13.42	13.46	13.35	13.21		
20	16QAM	1	0	13.15	13.29	13.29	13.28	13.19	14.4	0
20	16QAM	1	49	13.31	13.45	13.32	13.39	13.35		
20	16QAM	1	99	13.28	13.39	13.41	13.28	13.23		
20	16QAM	50	0	13.18	13.38	13.43	13.32	13.23	14.4	0
20	16QAM	50	24	13.32	13.40	13.52	13.40	13.28		
20	16QAM	50	50	13.36	13.40	13.46	13.37	13.28		
20	16QAM	100	0	13.30	13.39	13.46	13.35	13.21		
20	64QAM	1	0	12.95	13.07	13.10	13.01	12.91	14.4	0
20	64QAM	1	49	13.09	13.22	13.35	13.11	13.07		
20	64QAM	1	99	13.01	13.18	13.18	13.06	12.91		
20	64QAM	50	0	13.19	13.36	13.48	13.30	13.21	14.4	0
20	64QAM	50	24	13.33	13.38	13.47	13.39	13.26		
20	64QAM	50	50	13.35	13.38	13.46	13.37	13.22		
20	64QAM	100	0	13.25	13.41	13.47	13.34	13.18		
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	13.09	13.30	13.23	13.14	13.12	14.4	0
15	QPSK	1	37	13.23	13.37	13.30	13.27	13.18		
15	QPSK	1	74	13.01	13.20	13.43	13.23	13.05		
15	QPSK	36	0	13.15	13.08	13.36	13.33	13.24	14.4	0
15	QPSK	36	20	13.18	13.26	13.41	13.16	13.31		
15	QPSK	36	39	13.37	13.38	13.20	13.18	13.27		
15	QPSK	75	0	13.12	13.46	13.34	13.13	13.29		
15	16QAM	1	0	12.94	13.31	13.01	13.27	13.06	14.4	0
15	16QAM	1	37	13.37	13.39	13.31	13.32	13.11		
15	16QAM	1	74	13.16	13.15	13.41	13.31	13.27		
15	16QAM	36	0	13.13	13.44	13.28	13.27	13.26	14.4	0
15	16QAM	36	20	13.08	13.44	13.36	13.47	13.21		
15	16QAM	36	39	13.12	13.32	13.44	13.19	13.25		
15	16QAM	75	0	13.14	13.29	13.26	13.22	13.13		
15	64QAM	1	0	12.96	12.82	12.98	12.95	12.72	14.4	0
15	64QAM	1	37	12.87	13.15	13.15	13.07	12.92		
15	64QAM	1	74	12.96	12.98	12.99	13.06	12.90		
15	64QAM	36	0	13.16	13.27	13.27	13.31	13.18	14.4	0
15	64QAM	36	20	13.17	13.43	13.31	13.37	13.30		
15	64QAM	36	39	13.43	13.31	13.38	13.36	13.05		
15	64QAM	75	0	13.32	13.43	13.44	13.14	12.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.21	13.21	13.20	13.26	13.13	14.4	0
10	QPSK	1	25	13.03	13.29	13.26	13.42	13.21		
10	QPSK	1	49	13.13	13.34	13.40	13.26	13.04		
10	QPSK	25	0	13.09	13.40	13.20	13.38	13.27	14.4	0
10	QPSK	25	12	13.36	13.14	13.23	13.40	13.36		
10	QPSK	25	25	13.14	13.26	13.41	13.32	13.16		
10	QPSK	50	0	13.26	13.43	13.22	13.19	13.26		
10	16QAM	1	0	13.04	13.33	13.31	13.04	13.00	14.4	0
10	16QAM	1	25	13.14	13.39	13.09	13.20	13.11		
10	16QAM	1	49	13.00	13.26	13.47	13.04	13.28		
10	16QAM	25	0	12.97	13.30	13.41	13.18	12.98	14.4	0
10	16QAM	25	12	13.30	13.43	13.45	13.14	13.29		
10	16QAM	25	25	13.25	13.45	13.40	13.27	13.04		
10	16QAM	50	0	13.24	13.26	13.23	13.39	13.01		
10	64QAM	1	0	12.88	13.05	13.09	13.06	12.84	14.4	0
10	64QAM	1	25	13.02	13.00	13.33	13.10	13.04		
10	64QAM	1	49	12.87	12.95	12.93	12.94	12.86		
10	64QAM	25	0	13.03	13.28	13.46	13.34	13.16	14.4	0
10	64QAM	25	12	13.32	13.38	13.42	13.36	13.34		
10	64QAM	25	25	13.39	13.36	13.43	13.20	13.08		
10	64QAM	50	0	13.07	13.17	13.33	13.14	13.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.20	13.30	13.32	13.10	13.16	14.4	0
5	QPSK	1	12	13.17	13.48	13.30	13.33	13.37		
5	QPSK	1	24	13.13	13.13	13.33	13.22	13.05		
5	QPSK	12	0	13.15	13.24	13.28	13.23	13.19	14.4	0
5	QPSK	12	7	13.11	13.47	13.25	13.28	13.20		
5	QPSK	12	13	13.23	13.12	13.23	13.26	13.29		
5	QPSK	25	0	13.01	13.39	13.47	13.28	13.16		
5	16QAM	1	0	12.91	13.34	13.20	13.28	12.93	14.4	0
5	16QAM	1	12	13.18	13.40	13.27	13.17	13.15		
5	16QAM	1	24	13.09	13.32	13.31	13.30	13.27		
5	16QAM	12	0	13.20	13.43	13.34	13.24	13.23	14.4	0
5	16QAM	12	7	13.33	13.39	13.35	13.32	13.31		
5	16QAM	12	13	13.12	13.14	13.44	13.34	13.26		
5	16QAM	25	0	13.09	13.35	13.44	13.27	13.18		
5	64QAM	1	0	12.86	13.14	13.03	12.89	12.68	14.4	0
5	64QAM	1	12	13.02	13.02	13.12	12.87	12.98		
5	64QAM	1	24	12.79	12.93	13.04	12.78	12.91		
5	64QAM	12	0	13.18	13.36	13.26	13.35	12.95	14.4	0
5	64QAM	12	7	13.25	13.13	13.37	13.12	13.05		
5	64QAM	12	13	13.33	13.33	13.42	13.36	12.95		
5	64QAM	25	0	13.30	13.23	13.42	13.13	12.92		

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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	22.40	22.35	22.51	22.54	22.60	23.8	0
20	QPSK	1	49	22.46	22.51	22.82	22.71	22.78		
20	QPSK	1	99	22.39	22.48	22.60	22.64	22.59		
20	QPSK	50	0	21.46	21.63	21.77	21.77	21.79	22.8	1
20	QPSK	50	24	21.67	21.65	21.83	21.80	21.81		
20	QPSK	50	50	21.63	21.62	21.74	21.78	21.77		
20	QPSK	100	0	21.53	21.62	21.79	21.74	21.76		
20	16QAM	1	0	21.52	21.59	21.74	21.77	21.85	22.8	1
20	16QAM	1	49	21.72	21.81	22.01	21.94	22.07		
20	16QAM	1	99	21.59	21.72	21.84	21.86	21.89		
20	16QAM	50	0	20.46	20.57	20.76	20.79	20.81	21.8	2
20	16QAM	50	24	20.58	20.63	20.81	20.85	20.93		
20	16QAM	50	50	20.63	20.64	20.81	20.82	20.86		
20	16QAM	100	0	20.57	20.59	20.76	20.78	20.80		
20	64QAM	1	0	20.38	20.44	20.59	20.65	20.71	21.8	2
20	64QAM	1	49	20.60	20.72	20.79	20.77	20.86		
20	64QAM	1	99	20.46	20.56	20.66	20.72	20.75		
20	64QAM	50	0	19.40	19.56	19.73	19.71	19.76	20.8	3
20	64QAM	50	24	19.53	19.58	19.76	19.80	19.84		
20	64QAM	50	50	19.57	19.59	19.74	19.75	19.79		
20	64QAM	100	0	19.52	19.59	19.74	19.71	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.47	22.58	22.66	22.62	22.61	23.8	0
15	QPSK	1	37	22.59	22.75	22.81	22.79	22.65		
15	QPSK	1	74	22.53	22.66	22.69	22.65	22.64		
15	QPSK	36	0	21.45	21.62	21.69	21.68	21.70	22.8	1
15	QPSK	36	20	21.55	21.64	21.69	21.73	21.70		
15	QPSK	36	39	21.54	21.65	21.72	21.69	21.68		
15	QPSK	75	0	21.55	21.64	21.73	21.76	21.73		
15	16QAM	1	0	21.62	21.76	21.83	21.76	21.74	22.8	1
15	16QAM	1	37	21.79	21.90	21.90	21.90	21.83		
15	16QAM	1	74	21.68	21.80	21.85	21.82	21.75		
15	16QAM	36	0	20.45	20.63	20.69	20.67	20.64	21.8	2
15	16QAM	36	20	20.55	20.62	20.73	20.75	20.64		
15	16QAM	36	39	20.55	20.61	20.71	20.73	20.68		
15	16QAM	75	0	20.53	20.61	20.74	20.73	20.65		
15	64QAM	1	0	20.47	20.55	20.65	20.63	20.59	21.8	2
15	64QAM	1	37	20.64	20.70	20.79	20.72	20.68		
15	64QAM	1	74	20.55	20.65	20.67	20.70	20.57		
15	64QAM	36	0	19.43	19.60	19.70	19.65	19.69	20.8	3
15	64QAM	36	20	19.52	19.62	19.68	19.72	19.64		
15	64QAM	36	39	19.54	19.62	19.68	19.67	19.66		
15	64QAM	75	0	19.53	19.62	19.70	19.71	19.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.54	22.66	22.60	22.58	23.8	0
10	QPSK	1	25	22.54	22.60	22.72	22.63	22.62		
10	QPSK	1	49	22.48	22.50	22.59	22.61	22.58		
10	QPSK	25	0	21.53	21.68	21.73	21.76	21.76	22.8	1
10	QPSK	25	12	21.53	21.62	21.74	21.84	21.73		
10	QPSK	25	25	21.56	21.65	21.74	21.75	21.77		
10	QPSK	50	0	21.53	21.64	21.75	21.79	21.73		
10	16QAM	1	0	21.75	21.78	21.89	21.87	21.83	22.8	1
10	16QAM	1	25	21.76	21.83	21.93	21.92	21.85		
10	16QAM	1	49	21.69	21.81	21.87	21.86	21.84		
10	16QAM	25	0	20.56	20.71	20.78	20.78	20.75	21.8	2
10	16QAM	25	12	20.60	20.69	20.79	20.78	20.74		
10	16QAM	25	25	20.60	20.66	20.78	20.78	20.75		
10	16QAM	50	0	20.58	20.68	20.79	20.78	20.73		
10	64QAM	1	0	20.50	20.61	20.74	20.71	20.68	21.8	2
10	64QAM	1	25	20.55	20.68	20.81	20.77	20.71		
10	64QAM	1	49	20.55	20.62	20.71	20.71	20.65		
10	64QAM	25	0	19.56	19.72	19.78	19.85	19.76	20.8	3
10	64QAM	25	12	19.60	19.70	19.77	19.79	19.80		
10	64QAM	25	25	19.58	19.67	19.79	19.79	19.72		
10	64QAM	50	0	19.49	19.64	19.71	19.77	19.68		
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	22.47	22.57	22.66	22.63	22.62	23.8	0
5	QPSK	1	12	22.57	22.66	22.72	22.65	22.65		
5	QPSK	1	24	22.51	22.64	22.67	22.68	22.65		
5	QPSK	12	0	21.55	21.68	21.76	21.72	21.72	22.8	1
5	QPSK	12	7	21.56	21.64	21.76	21.72	21.77		
5	QPSK	12	13	21.57	21.69	21.67	21.70	21.70		
5	QPSK	25	0	21.57	21.70	21.74	21.74	21.71		
5	16QAM	1	0	21.64	21.78	21.87	21.84	21.83	22.8	1
5	16QAM	1	12	21.67	21.84	21.88	21.83	21.82		
5	16QAM	1	24	21.73	21.81	21.89	21.88	21.84		
5	16QAM	12	0	20.54	20.69	20.75	20.75	20.73	21.8	2
5	16QAM	12	7	20.56	20.68	20.72	20.77	20.76		
5	16QAM	12	13	20.55	20.62	20.72	20.74	20.69		
5	16QAM	25	0	20.62	20.73	20.76	20.77	20.76		
5	64QAM	1	0	20.58	20.70	20.76	20.79	20.76	21.8	2
5	64QAM	1	12	20.64	20.66	20.87	20.80	20.73		
5	64QAM	1	24	20.54	20.70	20.78	20.77	20.67		
5	64QAM	12	0	19.53	19.68	19.74	19.77	19.76	20.8	3
5	64QAM	12	7	19.52	19.67	19.74	19.74	19.74		
5	64QAM	12	13	19.53	19.65	19.72	19.73	19.65		
5	64QAM	25	0	19.59	19.72	19.80	19.77	19.76		

Reduced Power Mode for DSI4

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	32.33	32.36	32.30	33.50	23.33	23.36	23.30	24.50
GPRS 1 Tx slot	32.31	32.35	32.28	33.50	23.31	23.35	23.28	24.50
GPRS 2 Tx slots	30.58	30.66	30.63	31.50	24.58	24.66	24.63	25.50
GPRS 3 Tx slots	28.73	28.82	28.80	29.50	24.47	24.56	24.54	25.24
GPRS 4 Tx slots	27.15	27.25	27.23	28.00	24.15	24.25	24.23	25.00
EDGE(GMSK 1 Tx slot)	32.10	32.13	32.18	33.50	23.10	23.13	23.18	24.50
EDGE(GMSK 2 Tx slots)	30.55	30.56	30.66	31.50	24.55	24.56	24.66	25.50
EDGE(GMSK 3 Tx slots)	28.61	28.69	28.73	29.50	24.35	24.43	24.47	25.24
EDGE(GMSK 4 Tx slots)	27.03	27.03	27.17	28.00	24.03	24.03	24.17	25.00
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.57	24.68	24.45	25.50	18.57	18.68	18.45	19.50
EDGE 3 Tx slots	22.52	22.43	22.26	23.50	18.26	18.17	18.00	19.24
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	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	28.93	29.10	28.98	30.50	19.93	20.10	19.98	21.50
GPRS 1 Tx slot	28.90	29.07	28.96	30.50	19.90	20.07	19.96	21.50
GPRS 2 Tx slots	27.62	27.64	27.45	28.50	21.62	21.64	21.45	22.50
GPRS 3 Tx slots	25.58	25.62	25.41	26.50	21.32	21.36	21.15	22.24
GPRS 4 Tx slots	24.14	24.16	23.91	25.00	21.14	21.16	20.91	22.00
EDGE(GMSK 1 Tx slot)	29.06	29.06	28.99	30.50	20.06	20.06	19.99	21.50
EDGE(GMSK 2 Tx slots)	27.85	27.79	27.62	28.50	21.85	21.79	21.62	22.50
EDGE(GMSK 3 Tx slots)	25.97	25.88	25.67	26.50	21.71	21.62	21.41	22.24
EDGE(GMSK 4 Tx slots)	24.50	24.44	24.20	25.00	21.50	21.44	21.20	22.00
EDGE 1 Tx slot	26.41	26.32	26.25	26.50	17.41	17.32	17.25	17.50
EDGE 2 Tx slots	24.47	24.21	24.15	24.50	18.47	18.21	18.15	18.50
EDGE 3 Tx slots	22.33	22.04	21.84	22.50	18.07	17.78	17.58	18.24
EDGE 4 Tx slots	20.27	20.22	19.92	21.00	17.27	17.22	16.92	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.43	22.51	22.50	23.80	22.37	22.60	22.50	23.80
3GPP Rel 99	RMC 12.2Kbps	22.46	22.53	22.52	23.80	22.38	22.63	22.60	23.80
3GPP Rel 6	HSDPA Subtest-1	21.70	21.72	21.65	22.80	21.68	21.88	21.80	22.80
3GPP Rel 6	HSDPA Subtest-2	21.69	21.72	21.57	22.80	21.70	21.90	21.78	22.80
3GPP Rel 6	HSDPA Subtest-3	21.23	21.22	21.07	22.30	21.23	21.40	21.31	22.30
3GPP Rel 6	HSDPA Subtest-4	21.18	21.20	21.07	22.30	21.25	21.32	21.29	22.30
3GPP Rel 6	HSUPA Subtest-1	20.61	20.49	20.50	20.80	20.58	20.61	20.60	20.80
3GPP Rel 6	HSUPA Subtest-2	20.64	20.50	20.46	20.80	20.50	20.63	20.62	20.80
3GPP Rel 6	HSUPA Subtest-3	21.67	21.54	21.54	21.80	21.57	21.64	21.69	21.80
3GPP Rel 6	HSUPA Subtest-4	20.17	20.09	20.01	20.30	20.06	20.17	20.30	20.80
3GPP Rel 6	HSUPA Subtest-5	21.60	21.70	21.50	21.80	21.50	21.60	21.70	21.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.43	20.32	20.35	20.80	20.42	20.45	20.40	20.80

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	22.92	22.95	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	22.94	22.97	22.87	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	21.96	21.90	23.00
3GPP Rel 6	HSDPA Subtest-2	21.94	21.96	21.64	23.00
3GPP Rel 6	HSDPA Subtest-3	21.46	21.53	21.41	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.47	21.36	22.50
3GPP Rel 6	HSUPA Subtest-1	20.63	20.78	20.72	21.00
3GPP Rel 6	HSUPA Subtest-2	20.75	20.78	20.73	21.00
3GPP Rel 6	HSUPA Subtest-3	21.72	21.75	21.77	22.00
3GPP Rel 6	HSUPA Subtest-4	20.33	20.36	20.26	20.50
3GPP Rel 6	HSUPA Subtest-5	21.73	21.80	21.70	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.55	20.68	20.62	21.00

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	22.44	22.39	22.29	23.5	0
20	QPSK	1	49	22.46	22.53	22.38		
20	QPSK	1	99	22.33	22.24	22.29		
20	QPSK	50	0	21.45	21.51	21.39	22.5	1
20	QPSK	50	24	21.46	21.52	21.41		
20	QPSK	50	50	21.39	21.35	21.38		
20	QPSK	100	0	21.34	21.47	21.36		
20	16QAM	1	0	21.65	21.63	21.53	22.5	1
20	16QAM	1	49	21.73	21.70	21.60		
20	16QAM	1	99	21.57	21.46	21.46		
20	16QAM	50	0	20.41	20.45	20.39	21.5	2
20	16QAM	50	24	20.49	20.44	20.41		
20	16QAM	50	50	20.36	20.32	20.36		
20	16QAM	100	0	20.38	20.37	20.38		
20	64QAM	1	0	20.51	20.49	20.38	21.5	2
20	64QAM	1	49	20.61	20.58	20.47		
20	64QAM	1	99	20.43	20.34	20.34		
20	64QAM	50	0	19.38	19.44	19.39	20.5	3
20	64QAM	50	24	19.48	19.40	19.38		
20	64QAM	50	50	19.33	19.30	19.31		
20	64QAM	100	0	19.36	19.35	19.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.96	21.96	22.08	23.5	0
15	QPSK	1	37	21.98	22.15	22.20		
15	QPSK	1	74	21.96	22.05	22.20		
15	QPSK	36	0	21.00	20.99	21.05	22.5	1
15	QPSK	36	20	20.97	21.01	21.04		
15	QPSK	36	39	20.98	20.96	21.07		
15	QPSK	75	0	20.96	20.97	21.07		
15	16QAM	1	0	21.37	21.55	21.17	22.5	1
15	16QAM	1	37	21.44	21.53	21.52		
15	16QAM	1	74	21.35	21.35	21.43		
15	16QAM	36	0	19.94	20.04	20.07	21.5	2
15	16QAM	36	20	20.01	20.02	20.11		
15	16QAM	36	39	19.87	20.03	20.12		
15	16QAM	75	0	19.97	19.95	20.01		
15	64QAM	1	0	20.27	20.22	19.97	21.5	2
15	64QAM	1	37	20.36	20.30	20.08		
15	64QAM	1	74	20.22	19.70	19.98		
15	64QAM	36	0	19.01	19.01	18.96	20.5	3
15	64QAM	36	20	19.05	19.09	19.04		
15	64QAM	36	39	18.91	19.00	19.05		
15	64QAM	75	0	18.95	18.99	19.00		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.01	21.95	22.10	23.5	0
10	QPSK	1	25	22.00	22.01	22.22		
10	QPSK	1	49	22.00	21.93	22.19		
10	QPSK	25	0	21.01	21.02	21.11	22.5	1
10	QPSK	25	12	21.07	21.04	21.13		
10	QPSK	25	25	21.01	20.94	21.11		
10	QPSK	50	0	21.04	20.99	21.04		
10	16QAM	1	0	21.27	21.21	21.49	22.5	1
10	16QAM	1	25	21.24	21.37	21.48		
10	16QAM	1	49	21.24	21.23	21.39		
10	16QAM	25	0	20.05	19.98	20.07	21.5	2
10	16QAM	25	12	20.07	20.01	20.09		
10	16QAM	25	25	20.04	19.97	20.06		
10	16QAM	50	0	20.03	20.00	19.99		
10	64QAM	1	0	20.06	20.06	20.34	21.5	2
10	64QAM	1	25	20.01	20.09	20.37		
10	64QAM	1	49	19.95	19.98	20.24		
10	64QAM	25	0	19.05	18.97	19.02	20.5	3
10	64QAM	25	12	18.96	18.92	19.05		
10	64QAM	25	25	18.86	18.94	19.07		
10	64QAM	50	0	18.97	18.93	19.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.09	22.01	22.16	23.5	0
5	QPSK	1	12	22.17	22.05	22.08		
5	QPSK	1	24	21.99	21.99	22.14		
5	QPSK	12	0	21.03	21.04	21.11	22.5	1
5	QPSK	12	7	21.04	21.01	21.12		
5	QPSK	12	13	21.00	20.98	21.08		
5	QPSK	25	0	21.03	21.05	21.16		
5	16QAM	1	0	21.10	21.06	21.15	22.5	1
5	16QAM	1	12	21.01	21.08	21.26		
5	16QAM	1	24	20.89	21.01	21.13		
5	16QAM	12	0	20.08	19.99	20.08	21.5	2
5	16QAM	12	7	19.99	19.96	20.12		
5	16QAM	12	13	19.91	19.91	20.06		
5	16QAM	25	0	19.97	20.03	20.06		
5	64QAM	1	0	20.12	19.94	20.32	21.5	2
5	64QAM	1	12	20.27	20.03	20.34		
5	64QAM	1	24	20.00	19.99	20.31		
5	64QAM	12	0	18.94	18.92	19.12	20.5	3
5	64QAM	12	7	18.90	19.00	19.15		
5	64QAM	12	13	18.91	18.89	19.12		
5	64QAM	25	0	18.96	19.01	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.12	21.95	22.09	23.5	0
3	QPSK	1	8	22.03	22.00	22.09		
3	QPSK	1	14	21.97	21.97	22.05		
3	QPSK	8	0	21.01	21.02	21.08	22.5	1
3	QPSK	8	4	21.03	21.00	21.14		
3	QPSK	8	7	20.99	20.98	21.07		
3	QPSK	15	0	21.02	20.97	21.12		
3	16QAM	1	0	21.23	21.22	21.30	22.5	1
3	16QAM	1	8	21.33	21.18	21.37		
3	16QAM	1	14	21.14	21.18	21.34		
3	16QAM	8	0	20.09	20.08	20.03	21.5	2
3	16QAM	8	4	20.09	19.97	20.02		
3	16QAM	8	7	20.00	20.00	20.01		
3	16QAM	15	0	20.02	19.97	20.11		
3	64QAM	1	0	20.05	20.05	20.28	21.5	2
3	64QAM	1	8	20.05	20.05	20.34		
3	64QAM	1	14	19.96	19.99	20.33		
3	64QAM	8	0	18.95	18.91	19.12	20.5	3
3	64QAM	8	4	18.95	18.96	19.03		
3	64QAM	8	7	18.96	18.94	19.12		
3	64QAM	15	0	19.02	18.85	19.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.90	21.90	21.97	23.5	0
1.4	QPSK	1	3	21.88	21.94	21.97		
1.4	QPSK	1	5	21.89	21.90	22.00		
1.4	QPSK	3	0	22.00	22.01	22.14		
1.4	QPSK	3	1	22.03	22.03	22.14		
1.4	QPSK	3	3	21.98	21.99	22.17		
1.4	QPSK	6	0	21.08	21.07	21.19	22.5	1
1.4	16QAM	1	0	20.90	20.92	21.07	22.5	1
1.4	16QAM	1	3	20.89	21.04	21.11		
1.4	16QAM	1	5	20.92	21.03	21.08		
1.4	16QAM	3	0	21.15	20.91	21.18		
1.4	16QAM	3	1	21.09	20.88	21.22		
1.4	16QAM	3	3	21.07	21.02	21.20		
1.4	16QAM	6	0	20.05	20.09	20.21	21.5	2
1.4	64QAM	1	0	20.32	20.03	20.29	21.5	2
1.4	64QAM	1	3	20.29	19.91	20.38		
1.4	64QAM	1	5	20.26	20.04	20.34		
1.4	64QAM	3	0	20.10	20.04	20.11		
1.4	64QAM	3	1	20.33	20.03	20.15		
1.4	64QAM	3	3	20.28	19.99	20.16		
1.4	64QAM	6	0	19.00	18.92	19.01	20.5	3

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	21.86	22.02	21.96	23.5	0
20	QPSK	1	49	22.02	22.11	22.18		
20	QPSK	1	99	21.90	22.02	21.95		
20	QPSK	50	0	21.07	21.14	20.99	22.5	1
20	QPSK	50	24	21.09	21.17	21.19		
20	QPSK	50	50	21.05	21.13	21.07		
20	QPSK	100	0	21.05	21.11	21.13		
20	16QAM	1	0	21.07	21.25	21.22	22.5	1
20	16QAM	1	49	21.33	21.42	21.38		
20	16QAM	1	99	21.19	21.24	21.17		
20	16QAM	50	0	20.08	20.22	19.98	21.5	2
20	16QAM	50	24	20.04	20.14	20.06		
20	16QAM	50	50	20.04	20.16	20.04		
20	16QAM	100	0	20.06	20.16	19.99		
20	64QAM	1	0	19.96	20.17	20.06	21.5	2
20	64QAM	1	49	20.18	20.33	20.25		
20	64QAM	1	99	20.03	20.18	20.04		
20	64QAM	50	0	19.23	19.33	19.08	20.5	3
20	64QAM	50	24	19.21	19.33	19.24		
20	64QAM	50	50	19.21	19.11	19.20		
20	64QAM	100	0	19.17	19.26	19.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.63	21.82	21.92	23.5	0
15	QPSK	1	37	21.80	21.96	22.02		
15	QPSK	1	74	21.69	21.80	21.87		
15	QPSK	36	0	20.67	20.85	20.96	22.5	1
15	QPSK	36	20	20.74	20.89	20.93		
15	QPSK	36	39	20.74	20.86	20.96		
15	QPSK	75	0	20.75	20.89	20.94		
15	16QAM	1	0	20.82	21.05	21.14	22.5	1
15	16QAM	1	37	21.00	21.15	21.22		
15	16QAM	1	74	20.90	21.01	21.07		
15	16QAM	36	0	19.66	19.81	19.91	21.5	2
15	16QAM	36	20	19.76	19.88	19.95		
15	16QAM	36	39	19.74	19.88	19.88		
15	16QAM	75	0	19.69	19.86	19.95		
15	64QAM	1	0	19.74	19.89	20.01	21.5	2
15	64QAM	1	37	19.95	20.06	20.13		
15	64QAM	1	74	19.79	19.87	19.99		
15	64QAM	36	0	18.91	18.97	19.08	20.5	3
15	64QAM	36	20	18.91	19.03	18.98		
15	64QAM	36	39	18.91	18.99	18.89		
15	64QAM	75	0	18.83	18.99	18.91		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.69	21.89	21.94	23.5	0
10	QPSK	1	25	21.80	21.95	22.04		
10	QPSK	1	49	21.77	21.83	21.94		
10	QPSK	25	0	20.70	20.90	21.00	22.5	1
10	QPSK	25	12	20.76	20.87	21.00		
10	QPSK	25	25	20.74	20.91	21.00		
10	QPSK	50	0	20.79	20.93	21.04		
10	16QAM	1	0	20.85	21.14	21.17	22.5	1
10	16QAM	1	25	21.00	21.17	21.24		
10	16QAM	1	49	20.99	21.04	21.15		
10	16QAM	25	0	19.69	19.88	19.99	21.5	2
10	16QAM	25	12	19.75	19.85	19.98		
10	16QAM	25	25	19.77	19.87	19.98		
10	16QAM	50	0	19.72	19.87	19.99		
10	64QAM	1	0	19.76	20.03	20.04	21.5	2
10	64QAM	1	25	19.88	20.04	20.12		
10	64QAM	1	49	19.90	19.92	20.02		
10	64QAM	25	0	18.87	19.02	18.97	20.5	3
10	64QAM	25	12	18.88	19.03	18.95		
10	64QAM	25	25	18.91	19.03	18.97		
10	64QAM	50	0	18.87	19.06	18.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.69	21.94	22.03	23.5	0
5	QPSK	1	12	21.76	21.95	22.03		
5	QPSK	1	24	21.75	21.89	22.01		
5	QPSK	12	0	20.68	20.90	21.01	22.5	1
5	QPSK	12	7	20.69	20.88	21.01		
5	QPSK	12	13	20.64	20.85	20.96		
5	QPSK	25	0	20.67	20.92	21.01		
5	16QAM	1	0	20.88	21.17	21.23	22.5	1
5	16QAM	1	12	20.96	21.19	21.20		
5	16QAM	1	24	20.97	21.12	21.17		
5	16QAM	12	0	19.65	19.88	19.97	21.5	2
5	16QAM	12	7	19.67	19.87	20.00		
5	16QAM	12	13	19.62	19.84	19.95		
5	16QAM	25	0	19.65	19.91	19.99		
5	64QAM	1	0	19.76	20.01	20.13	21.5	2
5	64QAM	1	12	19.84	20.03	20.14		
5	64QAM	1	24	19.83	19.99	20.06		
5	64QAM	12	0	18.88	19.06	18.98	20.5	3
5	64QAM	12	7	18.87	19.03	18.99		
5	64QAM	12	13	18.80	19.01	18.94		
5	64QAM	25	0	18.80	19.03	18.95		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.65	21.87	21.97	23.5	0
3	QPSK	1	8	21.68	21.89	21.99		
3	QPSK	1	14	21.68	21.86	21.97		
3	QPSK	8	0	20.65	20.90	20.99	22.5	1
3	QPSK	8	4	20.64	20.86	20.99		
3	QPSK	8	7	20.62	20.84	20.96		
3	QPSK	15	0	20.64	20.85	20.99		
3	16QAM	1	0	20.83	21.10	21.19	22.5	1
3	16QAM	1	8	20.87	21.12	21.17		
3	16QAM	1	14	20.86	21.09	21.14		
3	16QAM	8	0	19.70	19.95	20.04	21.5	2
3	16QAM	8	4	19.72	19.91	20.06		
3	16QAM	8	7	19.68	19.89	20.03		
3	16QAM	15	0	19.66	19.87	20.00		
3	64QAM	1	0	19.74	19.98	20.07	21.5	2
3	64QAM	1	8	19.78	20.01	20.12		
3	64QAM	1	14	19.79	20.00	20.08		
3	64QAM	8	0	18.82	19.08	18.99	20.5	3
3	64QAM	8	4	18.84	19.03	19.00		
3	64QAM	8	7	18.80	19.01	18.98		
3	64QAM	15	0	18.77	18.99	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.64	21.89	22.00	23.5	0
1.4	QPSK	1	3	21.65	21.91	22.03		
1.4	QPSK	1	5	21.65	21.89	22.01		
1.4	QPSK	3	0	21.67	21.91	22.01		
1.4	QPSK	3	1	21.67	21.93	22.03		
1.4	QPSK	3	3	21.67	21.88	22.02		
1.4	QPSK	6	0	20.66	20.91	21.01	22.5	1
1.4	16QAM	1	0	20.85	21.15	21.23	22.5	1
1.4	16QAM	1	3	20.87	21.17	21.23		
1.4	16QAM	1	5	20.84	21.16	21.23		
1.4	16QAM	3	0	20.68	20.90	21.01		
1.4	16QAM	3	1	20.69	20.90	21.01		
1.4	16QAM	3	3	20.67	20.86	20.99		
1.4	16QAM	6	0	19.69	19.95	20.05	21.5	2
1.4	64QAM	1	0	19.77	19.97	20.08	21.5	2
1.4	64QAM	1	3	19.73	19.99	20.09		
1.4	64QAM	1	5	19.72	19.99	20.08		
1.4	64QAM	3	0	19.72	19.99	20.08		
1.4	64QAM	3	1	19.76	19.98	20.08		
1.4	64QAM	3	3	19.75	19.95	20.08		
1.4	64QAM	6	0	18.76	19.00	18.91	20.5	3

Band 5_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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.20	23.29	23.04	24.5	0
10	QPSK	1	25	23.28	23.37	23.16		
10	QPSK	1	49	23.21	23.27	23.05		
10	QPSK	25	0	22.25	22.25	22.22	23.5	1
10	QPSK	25	12	22.26	22.31	22.24		
10	QPSK	25	25	22.24	22.24	22.17		
10	QPSK	50	0	22.24	22.28	22.23		
10	16QAM	1	0	22.06	22.35	21.96	23.5	1
10	16QAM	1	25	22.22	22.36	22.22		
10	16QAM	1	49	22.09	22.32	21.97		
10	16QAM	25	0	21.28	21.31	21.23	22.5	2
10	16QAM	25	12	21.27	21.32	21.15		
10	16QAM	25	25	21.25	21.31	21.13		
10	16QAM	50	0	21.24	21.20	21.25		
10	64QAM	1	0	21.54	21.52	21.40	22.5	2
10	64QAM	1	25	21.74	21.66	21.45		
10	64QAM	1	49	21.49	21.48	21.41		
10	64QAM	25	0	20.15	20.18	20.19	21.5	3
10	64QAM	25	12	20.14	20.15	20.15		
10	64QAM	25	25	20.11	20.13	20.08		
10	64QAM	50	0	20.30	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.27	23.19	23.27	24.5	0
5	QPSK	1	12	23.32	23.28	23.26		
5	QPSK	1	24	23.30	23.18	23.26		
5	QPSK	12	0	22.25	22.26	22.19	23.5	1
5	QPSK	12	7	22.25	22.25	22.18		
5	QPSK	12	13	22.19	22.28	22.13		
5	QPSK	25	0	22.33	22.26	22.14		
5	16QAM	1	0	22.60	22.66	22.61	23.5	1
5	16QAM	1	12	22.66	22.65	22.49		
5	16QAM	1	24	22.68	22.54	22.50		
5	16QAM	12	0	21.17	21.24	21.14	22.5	2
5	16QAM	12	7	21.22	21.18	21.11		
5	16QAM	12	13	21.13	21.16	21.03		
5	16QAM	25	0	21.24	21.23	21.13		
5	64QAM	1	0	21.62	21.51	21.45	22.5	2
5	64QAM	1	12	21.64	21.61	21.61		
5	64QAM	1	24	21.50	21.54	21.46		
5	64QAM	12	0	20.26	20.18	20.14	21.5	3
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.20	20.20	20.10		
5	64QAM	25	0	20.19	20.15	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.19	23.10	24.5	0
3	QPSK	1	8	23.16	23.36	23.13		
3	QPSK	1	14	23.16	23.22	23.13		
3	QPSK	8	0	22.27	22.15	22.19	23.5	1
3	QPSK	8	4	22.22	22.23	22.11		
3	QPSK	8	7	22.18	22.19	22.13		
3	QPSK	15	0	22.20	22.24	22.11		
3	16QAM	1	0	22.62	22.80	22.34	23.5	1
3	16QAM	1	8	22.48	22.70	22.35		
3	16QAM	1	14	22.56	22.67	22.34		
3	16QAM	8	0	21.27	21.19	21.24	22.5	2
3	16QAM	8	4	21.33	21.27	21.24		
3	16QAM	8	7	21.31	21.24	21.14		
3	16QAM	15	0	21.27	21.34	21.22		
3	64QAM	1	0	21.25	21.06	20.88	22.5	2
3	64QAM	1	8	21.16	20.94	20.96		
3	64QAM	1	14	21.15	21.18	21.10		
3	64QAM	8	0	20.12	20.09	20.04	21.5	3
3	64QAM	8	4	20.10	20.25	20.20		
3	64QAM	8	7	20.16	20.06	20.21		
3	64QAM	15	0	20.19	20.15	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.22	23.25	22.93	24.5	0
1.4	QPSK	1	3	23.27	23.30	22.97		
1.4	QPSK	1	5	23.24	23.19	22.89		
1.4	QPSK	3	0	23.35	23.34	23.14		
1.4	QPSK	3	1	23.32	23.32	23.11		
1.4	QPSK	3	3	23.36	23.36	23.11		
1.4	QPSK	6	0	22.24	22.20	22.17	23.5	1
1.4	16QAM	1	0	22.64	22.36	22.11	23.5	1
1.4	16QAM	1	3	22.64	22.16	22.11		
1.4	16QAM	1	5	22.72	22.15	22.08		
1.4	16QAM	3	0	22.34	22.30	22.16		
1.4	16QAM	3	1	22.36	22.30	22.18		
1.4	16QAM	3	3	22.37	22.22	22.17		
1.4	16QAM	6	0	21.50	21.32	21.12	22.5	2
1.4	64QAM	1	0	21.58	21.54	21.42	22.5	2
1.4	64QAM	1	3	21.60	21.56	21.36		
1.4	64QAM	1	5	21.55	21.49	21.37		
1.4	64QAM	3	0	21.23	21.46	21.33		
1.4	64QAM	3	1	21.25	21.47	21.31		
1.4	64QAM	3	3	21.34	21.49	21.41		
1.4	64QAM	6	0	20.12	20.16	20.07	21.5	3

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	21.52	21.47	21.56	23	0
20	QPSK	1	49	21.61	21.96	21.80		
20	QPSK	1	99	21.50	21.60	21.73		
20	QPSK	50	0	20.48	20.60	20.82	22	1
20	QPSK	50	24	20.57	20.88	20.86		
20	QPSK	50	50	20.54	20.68	20.85		
20	QPSK	100	0	20.48	20.87	20.83		
20	16QAM	1	0	20.60	20.74	20.84	22	1
20	16QAM	1	49	20.83	20.95	21.05		
20	16QAM	1	99	20.75	20.82	20.93		
20	16QAM	50	0	19.47	19.61	19.78	21	2
20	16QAM	50	24	19.58	19.65	19.79		
20	16QAM	50	50	19.57	19.65	19.93		
20	16QAM	100	0	19.46	19.61	19.84		
20	64QAM	1	0	19.50	19.58	19.66	21	2
20	64QAM	1	49	19.74	19.81	19.87		
20	64QAM	1	99	19.62	19.68	19.80		
20	64QAM	50	0	18.44	18.54	18.76	20	3
20	64QAM	50	24	18.56	18.66	18.78		
20	64QAM	50	50	18.52	18.66	18.91		
20	64QAM	100	0	18.47	18.59	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.82	21.88	21.87	23	0
15	QPSK	1	37	21.82	21.86	21.84		
15	QPSK	1	74	21.85	21.95	21.89		
15	QPSK	36	0	20.59	20.75	20.78	22	1
15	QPSK	36	20	20.70	20.75	20.80		
15	QPSK	36	39	20.68	20.77	20.85		
15	QPSK	75	0	20.66	20.81	20.84		
15	16QAM	1	0	21.13	20.97	20.92	22	1
15	16QAM	1	37	21.16	21.00	21.06		
15	16QAM	1	74	21.22	20.98	21.00		
15	16QAM	36	0	19.70	19.72	19.74	21	2
15	16QAM	36	20	19.70	19.78	19.78		
15	16QAM	36	39	19.68	19.80	19.84		
15	16QAM	75	0	19.66	19.79	19.86		
15	64QAM	1	0	19.56	19.72	19.67	21	2
15	64QAM	1	37	19.79	19.82	19.99		
15	64QAM	1	74	19.70	20.02	19.74		
15	64QAM	36	0	18.61	18.70	18.77	20	3
15	64QAM	36	20	18.64	18.78	18.83		
15	64QAM	36	39	18.64	18.71	18.92		
15	64QAM	75	0	18.68	18.76	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.67	21.75	21.72	23	0
10	QPSK	1	25	21.65	21.94	21.73		
10	QPSK	1	49	21.65	21.85	21.75		
10	QPSK	25	0	20.63	20.75	20.70	22	1
10	QPSK	25	12	20.70	20.77	20.80		
10	QPSK	25	25	20.68	20.82	20.80		
10	QPSK	50	0	20.69	20.82	20.76		
10	16QAM	1	0	20.85	21.14	21.16	22	1
10	16QAM	1	25	20.95	21.21	21.30		
10	16QAM	1	49	21.04	21.19	21.23		
10	16QAM	25	0	19.62	19.70	19.64	21	2
10	16QAM	25	12	19.64	19.70	19.70		
10	16QAM	25	25	19.66	19.77	19.80		
10	16QAM	50	0	19.66	19.79	19.76		
10	64QAM	1	0	19.93	20.06	19.83	21	2
10	64QAM	1	25	20.00	20.14	20.05		
10	64QAM	1	49	19.99	20.05	19.98		
10	64QAM	25	0	18.61	18.75	18.67	20	3
10	64QAM	25	12	18.65	18.70	18.74		
10	64QAM	25	25	18.69	18.77	18.82		
10	64QAM	50	0	18.63	18.75	18.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.69	21.73	21.72	23	0
5	QPSK	1	12	21.76	21.79	21.90		
5	QPSK	1	24	21.64	21.76	21.78		
5	QPSK	12	0	20.72	20.79	20.82	22	1
5	QPSK	12	7	20.68	20.75	20.82		
5	QPSK	12	13	20.72	20.77	20.83		
5	QPSK	25	0	20.72	20.73	20.81		
5	16QAM	1	0	20.73	20.84	20.81	22	1
5	16QAM	1	12	20.77	20.89	20.97		
5	16QAM	1	24	20.77	20.86	20.88		
5	16QAM	12	0	19.65	19.75	19.84	21	2
5	16QAM	12	7	19.60	19.74	19.84		
5	16QAM	12	13	19.69	19.71	19.74		
5	16QAM	25	0	19.72	19.72	19.81		
5	64QAM	1	0	19.67	19.98	20.09	21	2
5	64QAM	1	12	19.68	19.98	20.13		
5	64QAM	1	24	19.92	19.96	20.09		
5	64QAM	12	0	18.67	18.81	18.72	20	3
5	64QAM	12	7	18.68	18.77	18.82		
5	64QAM	12	13	18.62	18.79	18.76		
5	64QAM	25	0	18.58	18.67	18.81		

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	23.30	23.29	23.32	24.5	0
10	QPSK	1	25	23.42	23.45	23.41		
10	QPSK	1	49	23.41	23.40	23.37		
10	QPSK	25	0	22.34	22.35	22.22	23.5	1
10	QPSK	25	12	22.39	22.48	22.35		
10	QPSK	25	25	22.37	22.41	22.24		
10	QPSK	50	0	22.34	22.47	22.25		
10	16QAM	1	0	22.53	22.53	22.55	23.5	1
10	16QAM	1	25	22.61	22.66	22.60		
10	16QAM	1	49	22.66	22.58	22.58		
10	16QAM	25	0	21.35	21.39	21.22	22.5	2
10	16QAM	25	12	21.36	21.37	21.35		
10	16QAM	25	25	21.35	21.55	21.24		
10	16QAM	50	0	21.40	21.46	21.21		
10	64QAM	1	0	21.40	21.39	21.47	22.5	2
10	64QAM	1	25	21.47	21.51	21.47		
10	64QAM	1	49	21.52	21.48	21.48		
10	64QAM	25	0	20.50	20.52	20.39	21.5	3
10	64QAM	25	12	20.50	20.55	20.51		
10	64QAM	25	25	20.49	20.70	20.39		
10	64QAM	50	0	20.52	20.61	20.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.31	23.37	23.24	24.5	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	23.32	23.42	23.24		
5	QPSK	12	0	22.33	22.34	22.36	23.5	1
5	QPSK	12	7	22.42	22.37	22.34		
5	QPSK	12	13	22.36	22.45	22.14		
5	QPSK	25	0	22.32	22.39	22.31		
5	16QAM	1	0	22.55	22.55	22.56	23.5	1
5	16QAM	1	12	22.64	22.70	22.51		
5	16QAM	1	24	22.66	22.66	22.57		
5	16QAM	12	0	21.34	21.36	21.27	22.5	2
5	16QAM	12	7	21.37	21.44	21.27		
5	16QAM	12	13	21.33	21.41	21.09		
5	16QAM	25	0	21.35	21.46	21.26		
5	64QAM	1	0	21.36	21.40	21.29	22.5	2
5	64QAM	1	12	21.41	21.48	21.37		
5	64QAM	1	24	21.48	21.51	21.27		
5	64QAM	12	0	20.47	20.51	20.41	21.5	3
5	64QAM	12	7	20.52	20.56	20.41		
5	64QAM	12	13	20.52	20.60	20.30		
5	64QAM	25	0	20.52	20.52	20.34		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.36	23.39	23.15	24.5	0
3	QPSK	1	8	23.32	23.36	23.19		
3	QPSK	1	14	23.39	23.41	23.17		
3	QPSK	8	0	22.33	22.35	22.30	23.5	1
3	QPSK	8	4	22.41	22.40	22.28		
3	QPSK	8	7	22.37	22.36	22.27		
3	QPSK	15	0	22.31	22.37	22.31		
3	16QAM	1	0	22.34	22.33	22.32	23.5	1
3	16QAM	1	8	22.45	22.37	22.39		
3	16QAM	1	14	22.43	22.43	22.60		
3	16QAM	8	0	21.35	21.40	21.27	22.5	2
3	16QAM	8	4	21.44	21.35	21.17		
3	16QAM	8	7	21.39	21.50	21.32		
3	16QAM	15	0	21.26	21.37	21.35		
3	64QAM	1	0	21.33	21.60	21.49	22.5	2
3	64QAM	1	8	21.37	21.68	21.53		
3	64QAM	1	14	21.41	21.66	21.54		
3	64QAM	8	0	20.54	20.61	20.51	21.5	3
3	64QAM	8	4	20.54	20.60	20.50		
3	64QAM	8	7	20.57	20.60	20.46		
3	64QAM	15	0	20.51	20.44	20.44		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.42	23.36	23.43	24.5	0
1.4	QPSK	1	3	23.43	23.34	23.43		
1.4	QPSK	1	5	23.32	23.30	23.33		
1.4	QPSK	3	0	23.40	23.28	23.29		
1.4	QPSK	3	1	23.36	23.32	23.31		
1.4	QPSK	3	3	23.30	23.36	23.31		
1.4	QPSK	6	0	22.43	22.38	22.23	23.5	1
1.4	16QAM	1	0	22.94	22.92	22.42	23.5	1
1.4	16QAM	1	3	22.92	22.95	22.59		
1.4	16QAM	1	5	22.87	22.64	22.46		
1.4	16QAM	3	0	22.36	22.31	22.31		
1.4	16QAM	3	1	22.39	22.42	22.36		
1.4	16QAM	3	3	22.42	22.36	22.37		
1.4	16QAM	6	0	21.46	21.44	21.33	22.5	2
1.4	64QAM	1	0	21.39	21.45	21.27	22.5	2
1.4	64QAM	1	3	21.40	21.49	21.25		
1.4	64QAM	1	5	21.18	21.49	21.23		
1.4	64QAM	3	0	21.36	21.57	21.11		
1.4	64QAM	3	1	21.36	21.57	21.12		
1.4	64QAM	3	3	21.44	21.50	21.38		
1.4	64QAM	6	0	20.48	20.48	20.34	21.5	3

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	23.29	23.29	23.27	24.5	0
10	QPSK	1	25	23.43	23.44	23.42		
10	QPSK	1	49	23.40	23.38	23.38		
10	QPSK	25	0	22.25	22.18	22.14	23.5	1
10	QPSK	25	12	22.32	22.40	22.36		
10	QPSK	25	25	22.28	22.32	22.30		
10	QPSK	50	0	22.30	22.35	22.22		
10	16QAM	1	0	22.54	22.52	22.51	23.5	1
10	16QAM	1	25	22.69	22.63	22.60		
10	16QAM	1	49	22.57	22.56	22.54		
10	16QAM	25	0	21.27	21.22	21.15	22.5	2
10	16QAM	25	12	21.32	21.34	21.36		
10	16QAM	25	25	21.47	21.34	21.19		
10	16QAM	50	0	21.38	21.25	21.16		
10	64QAM	1	0	21.38	21.37	21.42	22.5	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.45	21.45	21.49		
10	64QAM	25	0	20.42	20.37	20.34	21.5	3
10	64QAM	25	12	20.47	20.51	20.52		
10	64QAM	25	25	20.63	20.49	20.36		
10	64QAM	50	0	20.51	20.43	20.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.38	23.38	23.24	24.5	0
5	QPSK	1	12	23.39	23.39	23.42		
5	QPSK	1	24	23.42	23.31	23.21		
5	QPSK	12	0	22.39	22.28	22.32	23.5	1
5	QPSK	12	7	22.35	22.33	22.31		
5	QPSK	12	13	22.38	22.38	22.11		
5	QPSK	25	0	22.35	22.39	22.28		
5	16QAM	1	0	22.57	22.67	22.59	23.5	1
5	16QAM	1	12	22.60	22.62	22.68		
5	16QAM	1	24	22.64	22.65	22.48		
5	16QAM	12	0	21.39	21.23	21.25	22.5	2
5	16QAM	12	7	21.35	21.22	21.26		
5	16QAM	12	13	21.41	21.34	21.06		
5	16QAM	25	0	21.36	21.33	21.19		
5	64QAM	1	0	21.31	21.34	21.50	22.5	2
5	64QAM	1	12	21.44	21.40	21.59		
5	64QAM	1	24	21.49	21.39	21.57		
5	64QAM	12	0	20.60	20.42	20.48	21.5	3
5	64QAM	12	7	20.49	20.46	20.39		
5	64QAM	12	13	20.53	20.49	20.29		
5	64QAM	25	0	20.49	20.50	20.34		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.27	22.27	22.19	23.4	0
20	QPSK	1	49	22.45	22.43	22.39		
20	QPSK	1	99	22.28	22.30	22.28		
20	QPSK	50	0	21.46	21.47	21.38	22.4	1
20	QPSK	50	24	21.53	21.51	21.45		
20	QPSK	50	50	21.46	21.49	21.41		
20	QPSK	100	0	21.49	21.42	21.41		
20	16QAM	1	0	21.53	21.50	21.48	22.4	1
20	16QAM	1	49	21.72	21.69	21.64		
20	16QAM	1	99	21.50	21.63	21.47		
20	16QAM	50	0	20.49	20.48	20.42	21.4	2
20	16QAM	50	24	20.49	20.52	20.49		
20	16QAM	50	50	20.42	20.51	20.45		
20	16QAM	100	0	20.43	20.47	20.38		
20	64QAM	1	0	20.35	20.34	20.29	21.4	2
20	64QAM	1	49	20.46	20.53	20.43		
20	64QAM	1	99	20.36	20.42	20.33		
20	64QAM	50	0	19.46	19.42	19.40	20.4	3
20	64QAM	50	24	19.44	19.51	19.38		
20	64QAM	50	50	19.40	19.48	19.38		
20	64QAM	100	0	19.40	19.47	19.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.41	22.43	22.33	23.4	0
15	QPSK	1	37	22.42	22.44	22.36		
15	QPSK	1	74	22.37	22.39	22.42		
15	QPSK	36	0	21.49	21.43	21.44	22.4	1
15	QPSK	36	20	21.48	21.45	21.40		
15	QPSK	36	39	21.50	21.46	21.37		
15	QPSK	75	0	21.51	21.48	21.44		
15	16QAM	1	0	21.58	21.59	21.45	22.4	1
15	16QAM	1	37	21.66	21.53	21.60		
15	16QAM	1	74	21.72	21.61	21.55		
15	16QAM	36	0	20.46	20.46	20.39	21.4	2
15	16QAM	36	20	20.45	20.48	20.35		
15	16QAM	36	39	20.49	20.44	20.39		
15	16QAM	75	0	20.56	20.47	20.45		
15	64QAM	1	0	20.45	20.43	20.33	21.4	2
15	64QAM	1	37	20.54	20.48	20.48		
15	64QAM	1	74	20.54	20.41	20.38		
15	64QAM	36	0	19.46	19.45	19.40	20.4	3
15	64QAM	36	20	19.45	19.44	19.39		
15	64QAM	36	39	19.47	19.44	19.40		
15	64QAM	75	0	19.51	19.43	19.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.38	22.40	22.31	23.4	0
10	QPSK	1	25	22.44	22.42	22.39		
10	QPSK	1	49	22.42	22.37	22.35		
10	QPSK	25	0	21.54	21.51	21.43	22.4	1
10	QPSK	25	12	21.56	21.51	21.46		
10	QPSK	25	25	21.52	21.42	21.48		
10	QPSK	50	0	21.56	21.52	21.49		
10	16QAM	1	0	21.65	21.63	21.56	22.4	1
10	16QAM	1	25	21.66	21.64	21.56		
10	16QAM	1	49	21.67	21.62	21.57		
10	16QAM	25	0	20.57	20.58	20.48	21.4	2
10	16QAM	25	12	20.55	20.50	20.46		
10	16QAM	25	25	20.59	20.52	20.46		
10	16QAM	50	0	20.51	20.50	20.48		
10	64QAM	1	0	20.46	20.49	20.43	21.4	2
10	64QAM	1	25	20.48	20.49	20.53		
10	64QAM	1	49	20.48	20.47	20.43		
10	64QAM	25	0	19.58	19.58	19.51	20.4	3
10	64QAM	25	12	19.57	19.51	19.51		
10	64QAM	25	25	19.53	19.54	19.55		
10	64QAM	50	0	19.48	19.49	19.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.44	22.38	22.33	23.4	0
5	QPSK	1	12	22.42	22.44	22.36		
5	QPSK	1	24	22.44	22.40	22.39		
5	QPSK	12	0	21.54	21.54	21.44	22.4	1
5	QPSK	12	7	21.52	21.48	21.44		
5	QPSK	12	13	21.47	21.50	21.47		
5	QPSK	25	0	21.56	21.57	21.53		
5	16QAM	1	0	21.57	21.62	21.56	22.4	1
5	16QAM	1	12	21.69	21.63	21.56		
5	16QAM	1	24	21.63	21.62	21.56		
5	16QAM	12	0	20.56	20.52	20.47	21.4	2
5	16QAM	12	7	20.54	20.45	20.45		
5	16QAM	12	13	20.52	20.47	20.44		
5	16QAM	25	0	20.59	20.54	20.51		
5	64QAM	1	0	20.51	20.51	20.45	21.4	2
5	64QAM	1	12	20.66	20.60	20.45		
5	64QAM	1	24	20.49	20.52	20.46		
5	64QAM	12	0	19.54	19.53	19.45	20.4	3
5	64QAM	12	7	19.54	19.47	19.46		
5	64QAM	12	13	19.48	19.49	19.46		
5	64QAM	25	0	19.52	19.54	19.52		

Band 41_Ant 13

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	22.01	22.09	22.35	22.19	22.17	23.4	0
20	QPSK	1	49	22.18	22.29	22.47	22.36	22.31		
20	QPSK	1	99	22.11	22.21	22.31	22.21	22.19		
20	QPSK	50	0	21.13	21.32	21.48	21.41	21.38	22.4	1
20	QPSK	50	24	21.31	21.42	21.55	21.51	21.46		
20	QPSK	50	50	21.28	21.38	21.54	21.46	21.41		
20	QPSK	100	0	21.25	21.36	21.53	21.39	21.36		
20	16QAM	1	0	21.29	21.33	21.51	21.43	21.42	22.4	1
20	16QAM	1	49	21.49	21.58	21.72	21.62	21.60		
20	16QAM	1	99	21.39	21.45	21.54	21.57	21.42		
20	16QAM	50	0	20.18	20.34	20.52	20.43	20.38	21.4	2
20	16QAM	50	24	20.28	20.42	20.56	20.48	20.44		
20	16QAM	50	50	20.37	20.37	20.51	20.44	20.39		
20	16QAM	100	0	20.24	20.36	20.49	20.40	20.40		
20	64QAM	1	0	20.10	20.21	20.36	20.30	20.26	21.4	2
20	64QAM	1	49	20.28	20.42	20.52	20.42	20.46		
20	64QAM	1	99	20.20	20.28	20.38	20.35	20.24		
20	64QAM	50	0	19.14	19.32	19.46	19.35	19.38	20.4	3
20	64QAM	50	24	19.27	19.37	19.52	19.43	19.42		
20	64QAM	50	50	19.30	19.34	19.47	19.40	19.39		
20	64QAM	100	0	19.26	19.31	19.50	19.38	19.34		
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	22.29	22.42	22.43	22.31	22.18	23.4	0
15	QPSK	1	37	22.46	22.44	22.41	22.34	22.31		
15	QPSK	1	74	22.40	22.46	22.44	22.34	22.23		
15	QPSK	36	0	21.35	21.44	21.47	21.36	21.29	22.4	1
15	QPSK	36	20	21.38	21.43	21.48	21.39	21.27		
15	QPSK	36	39	21.39	21.43	21.49	21.37	21.22		
15	QPSK	75	0	21.42	21.48	21.53	21.39	21.26		
15	16QAM	1	0	21.44	21.53	21.61	21.47	21.32	22.4	1
15	16QAM	1	37	21.60	21.73	21.68	21.56	21.40		
15	16QAM	1	74	21.53	21.62	21.60	21.46	21.31		
15	16QAM	36	0	20.31	20.41	20.46	20.34	20.27	21.4	2
15	16QAM	36	20	20.40	20.41	20.47	20.36	20.26		
15	16QAM	36	39	20.38	20.45	20.46	20.34	20.26		
15	16QAM	75	0	20.37	20.44	20.52	20.42	20.23		
15	64QAM	1	0	20.34	20.39	20.49	20.31	20.16	21.4	2
15	64QAM	1	37	20.41	20.53	20.55	20.43	20.24		
15	64QAM	1	74	20.38	20.44	20.46	20.34	20.27		
15	64QAM	36	0	19.30	19.40	19.47	19.34	19.29	20.4	3
15	64QAM	36	20	19.39	19.44	19.46	19.39	19.24		
15	64QAM	36	39	19.35	19.44	19.46	19.35	19.23		
15	64QAM	75	0	19.36	19.40	19.51	19.38	19.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.27	22.35	22.42	22.31	22.19	23.4	0
10	QPSK	1	25	22.40	22.34	22.42	22.34	22.20		
10	QPSK	1	49	22.31	22.31	22.43	22.30	22.17		
10	QPSK	25	0	21.35	21.46	21.50	21.47	21.30	22.4	1
10	QPSK	25	12	21.39	21.45	21.54	21.42	21.30		
10	QPSK	25	25	21.39	21.46	21.51	21.42	21.30		
10	QPSK	50	0	21.42	21.44	21.56	21.42	21.31		
10	16QAM	1	0	21.48	21.58	21.59	21.53	21.43	22.4	1
10	16QAM	1	25	21.57	21.60	21.70	21.59	21.46		
10	16QAM	1	49	21.56	21.63	21.71	21.49	21.33		
10	16QAM	25	0	20.37	20.48	20.56	20.50	20.35	21.4	2
10	16QAM	25	12	20.43	20.51	20.54	20.49	20.42		
10	16QAM	25	25	20.46	20.50	20.54	20.45	20.29		
10	16QAM	50	0	20.41	20.50	20.60	20.43	20.34		
10	64QAM	1	0	20.32	20.43	20.51	20.39	20.28	21.4	2
10	64QAM	1	25	20.40	20.54	20.53	20.41	20.28		
10	64QAM	1	49	20.36	20.45	20.46	20.34	20.25		
10	64QAM	25	0	19.41	19.51	19.56	19.51	19.39	20.4	3
10	64QAM	25	12	19.45	19.50	19.55	19.45	19.37		
10	64QAM	25	25	19.46	19.50	19.56	19.48	19.33		
10	64QAM	50	0	19.33	19.43	19.51	19.44	19.27		
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	22.32	22.38	22.44	22.29	22.20	23.4	0
5	QPSK	1	12	22.41	22.36	22.34	22.32	22.24		
5	QPSK	1	24	22.37	22.46	22.42	22.33	22.21		
5	QPSK	12	0	21.41	21.49	21.53	21.47	21.32	22.4	1
5	QPSK	12	7	21.40	21.49	21.49	21.41	21.26		
5	QPSK	12	13	21.39	21.44	21.45	21.35	21.25		
5	QPSK	25	0	21.43	21.49	21.52	21.41	21.33		
5	16QAM	1	0	21.51	21.60	21.68	21.56	21.41	22.4	1
5	16QAM	1	12	21.54	21.65	21.64	21.53	21.45		
5	16QAM	1	24	21.57	21.63	21.65	21.62	21.43		
5	16QAM	12	0	20.40	20.45	20.51	20.39	20.37	21.4	2
5	16QAM	12	7	20.36	20.48	20.50	20.42	20.33		
5	16QAM	12	13	20.37	20.44	20.47	20.40	20.27		
5	16QAM	25	0	20.42	20.53	20.54	20.45	20.34		
5	64QAM	1	0	20.42	20.49	20.55	20.42	20.23	21.4	2
5	64QAM	1	12	20.37	20.53	20.62	20.45	20.37		
5	64QAM	1	24	20.45	20.51	20.52	20.40	20.30		
5	64QAM	12	0	19.41	19.50	19.51	19.47	19.35	20.4	3
5	64QAM	12	7	19.44	19.48	19.58	19.40	19.32		
5	64QAM	12	13	19.42	19.46	19.50	19.37	19.29		
5	64QAM	25	0	19.44	19.51	19.55	19.46	19.36		

Reduced Power Mode for DSI5

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	32.33	32.36	32.30	33.50	23.33	23.36	23.30	24.50
GPRS 1 Tx slot	32.31	32.35	32.28	33.50	23.31	23.35	23.28	24.50
GPRS 2 Tx slots	30.58	30.66	30.63	31.50	24.58	24.66	24.63	25.50
GPRS 3 Tx slots	28.73	28.82	28.80	29.50	24.47	24.56	24.54	25.24
GPRS 4 Tx slots	27.15	27.25	27.23	28.00	24.15	24.25	24.23	25.00
EDGE(GMSK 1 Tx slot)	32.10	32.13	32.18	33.50	23.10	23.13	23.18	24.50
EDGE(GMSK 2 Tx slots)	30.55	30.56	30.66	31.50	24.55	24.56	24.66	25.50
EDGE(GMSK 3 Tx slots)	28.61	28.69	28.73	29.50	24.35	24.43	24.47	25.24
EDGE(GMSK 4 Tx slots)	27.03	27.03	27.17	28.00	24.03	24.03	24.17	25.00
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.57	24.68	24.45	25.50	18.57	18.68	18.45	19.50
EDGE 3 Tx slots	22.52	22.43	22.26	23.50	18.26	18.17	18.00	19.24
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	19.00

GSM850_Ant 41	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	32.35	32.26	32.35	33.50	23.35	23.26	23.35	24.50
GPRS 1 Tx slot	32.33	32.23	32.32	33.50	23.33	23.23	23.32	24.50
GPRS 2 Tx slots	30.59	30.64	30.62	31.50	24.59	24.64	24.62	25.50
GPRS 3 Tx slots	28.64	28.70	28.66	29.50	24.38	24.44	24.40	25.24
GPRS 4 Tx slots	27.14	27.24	27.18	28.00	24.14	24.24	24.18	25.00
EDGE(GMSK 1 Tx slot)	32.24	32.18	32.16	33.50	23.24	23.18	23.16	24.50
EDGE(GMSK 2 Tx slots)	30.57	30.53	30.56	31.50	24.57	24.53	24.56	25.50
EDGE(GMSK 3 Tx slots)	28.58	28.62	28.61	29.50	24.32	24.36	24.35	25.24
EDGE(GMSK 4 Tx slots)	27.07	27.19	27.13	28.00	24.07	24.19	24.13	25.00
EDGE 1 Tx slot	26.85	26.84	26.61	27.50	17.85	17.84	17.61	18.50
EDGE 2 Tx slots	24.57	24.75	24.62	25.50	18.57	18.75	18.62	19.50
EDGE 3 Tx slots	22.48	22.54	22.31	23.50	18.22	18.28	18.05	19.24
EDGE 4 Tx slots	20.97	20.99	20.76	22.00	17.97	17.99	17.76	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	28.93	29.10	28.98	30.50	19.93	20.10	19.98	21.50
GPRS 1 Tx slot	28.90	29.07	28.96	30.50	19.90	20.07	19.96	21.50
GPRS 2 Tx slots	26.90	26.93	26.75	27.50	20.90	20.93	20.75	21.50
GPRS 3 Tx slots	24.95	24.98	24.73	25.50	20.69	20.72	20.47	21.24
GPRS 4 Tx slots	23.45	23.47	23.23	24.00	20.45	20.47	20.23	21.00
EDGE(GMSK 1 Tx slot)	29.06	29.06	28.99	30.50	20.06	20.06	19.99	21.50
EDGE(GMSK 2 Tx slots)	26.95	27.02	26.82	27.50	20.95	21.02	20.82	21.50
EDGE(GMSK 3 Tx slots)	25.02	25.05	24.80	25.50	20.76	20.79	20.54	21.24
EDGE(GMSK 4 Tx slots)	23.54	23.55	23.31	24.00	20.54	20.55	20.31	21.00
EDGE 1 Tx slot	26.41	26.32	26.25	26.50	17.41	17.32	17.25	17.50
EDGE 2 Tx slots	24.47	24.21	24.15	24.50	18.47	18.21	18.15	18.50
EDGE 3 Tx slots	22.33	22.04	21.84	22.50	18.07	17.78	17.58	18.24
EDGE 4 Tx slots	20.27	20.22	19.92	21.00	17.27	17.22	16.92	18.00

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	29.76	29.75	29.60	30.50	20.76	20.75	20.60	21.50
GPRS 1 Tx slot	29.71	29.73	29.58	30.50	20.71	20.73	20.58	21.50
GPRS 2 Tx slots	26.77	26.83	26.81	27.00	20.77	20.83	20.81	21.00
GPRS 3 Tx slots	24.79	24.85	24.79	25.00	20.53	20.59	20.53	20.74
GPRS 4 Tx slots	23.74	23.83	23.75	24.00	20.74	20.83	20.75	21.00
EDGE(GMSK 1 Tx slot)	29.62	29.62	29.53	30.50	20.62	20.62	20.53	21.50
EDGE(GMSK 2 Tx slots)	26.85	26.87	26.79	27.00	20.85	20.87	20.79	21.00
EDGE(GMSK 3 Tx slots)	24.75	24.83	24.74	25.00	20.49	20.57	20.48	20.74
EDGE(GMSK 4 Tx slots)	23.72	23.80	23.70	24.00	20.72	20.80	20.70	21.00
EDGE 1 Tx slot	26.40	26.41	26.39	26.50	17.40	17.41	17.39	17.50
EDGE 2 Tx slots	24.45	24.46	24.45	24.50	18.45	18.46	18.45	18.50
EDGE 3 Tx slots	22.47	22.25	22.11	22.50	18.21	17.99	17.85	18.24
EDGE 4 Tx slots	20.73	20.58	20.57	21.00	17.73	17.58	17.57	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.23	20.27	20.10	21.30	21.34	21.39	21.27	22.20
3GPP Rel 99	RMC 12.2Kbps	20.26	20.29	20.12	21.30	21.37	21.41	21.28	22.20
3GPP Rel 6	HSDPA Subtest-1	19.25	19.25	19.10	20.30	20.33	20.37	20.26	21.20
3GPP Rel 6	HSDPA Subtest-2	19.26	19.21	19.10	20.30	20.33	20.35	20.23	21.20
3GPP Rel 6	HSDPA Subtest-3	18.78	18.78	18.60	19.80	19.89	19.90	19.77	20.70
3GPP Rel 6	HSDPA Subtest-4	18.75	18.74	18.56	19.80	19.86	19.83	19.72	20.70
3GPP Rel 6	HSUPA Subtest-1	18.07	17.88	18.09	18.30	19.00	18.96	18.88	19.20
3GPP Rel 6	HSUPA Subtest-2	18.30	17.91	18.02	18.30	19.01	18.98	18.90	19.20
3GPP Rel 6	HSUPA Subtest-3	19.00	18.91	19.10	19.30	20.05	20.03	19.92	20.20
3GPP Rel 6	HSUPA Subtest-4	17.64	17.55	17.49	17.80	18.73	18.70	18.58	19.20
3GPP Rel 6	HSUPA Subtest-5	19.10	19.10	19.00	19.30	20.00	20.00	19.90	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.86	17.83	17.70	18.30	18.98	18.85	18.90	19.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.10	20.20	20.18	21.30	20.61	20.68	20.63	21.70
3GPP Rel 99	RMC 12.2Kbps	20.13	20.22	20.20	21.30	20.64	20.71	20.65	21.70
3GPP Rel 6	HSDPA Subtest-1	19.30	19.20	19.30	20.30	19.74	19.68	19.82	20.70
3GPP Rel 6	HSDPA Subtest-2	19.28	19.17	19.30	20.30	19.71	19.63	19.78	20.70
3GPP Rel 6	HSDPA Subtest-3	18.83	18.89	19.00	19.80	19.26	19.33	19.48	20.20
3GPP Rel 6	HSDPA Subtest-4	18.75	18.86	18.95	19.80	19.19	19.31	19.46	20.20
3GPP Rel 6	HSUPA Subtest-1	18.13	18.16	18.13	18.30	18.54	18.61	18.57	18.70
3GPP Rel 6	HSUPA Subtest-2	17.92	18.15	18.08	18.30	18.51	18.59	18.54	18.70
3GPP Rel 6	HSUPA Subtest-3	19.04	19.25	19.24	19.30	19.55	19.51	19.64	19.70
3GPP Rel 6	HSUPA Subtest-4	17.53	17.74	17.69	17.80	18.04	18.10	18.27	18.70
3GPP Rel 6	HSUPA Subtest-5	18.80	19.00	19.10	19.30	19.50	19.40	19.60	19.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.86	17.91	17.91	18.30	18.50	18.55	18.53	18.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.92	22.95	22.85	24.00	23.02	23.07	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	22.94	22.97	22.87	24.00	23.04	23.09	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	21.96	21.90	23.00	22.00	22.10	21.89	23.00
3GPP Rel 6	HSDPA Subtest-2	21.94	21.96	21.64	23.00	22.02	22.05	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	21.46	21.53	21.41	22.50	21.54	21.61	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.47	21.36	22.50	21.53	21.57	21.48	22.50
3GPP Rel 6	HSUPA Subtest-1	20.63	20.78	20.72	21.00	20.77	20.84	20.77	21.00
3GPP Rel 6	HSUPA Subtest-2	20.75	20.78	20.73	21.00	20.74	20.84	20.76	21.00
3GPP Rel 6	HSUPA Subtest-3	21.72	21.75	21.77	22.00	21.81	21.89	21.80	22.00
3GPP Rel 6	HSUPA Subtest-4	20.33	20.36	20.26	20.50	20.31	20.38	20.28	20.50
3GPP Rel 6	HSUPA Subtest-5	21.73	21.80	21.70	22.00	21.70	21.80	21.80	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.55	20.68	20.62	21.00	20.63	20.70	20.65	21.00

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	20.44	20.41	20.15	21.5	0
20	QPSK	1	49	20.50	20.55	20.41		
20	QPSK	1	99	20.37	20.30	20.19		
20	QPSK	50	0	20.47	20.52	20.37	21.5	0
20	QPSK	50	24	20.48	20.53	20.38		
20	QPSK	50	50	20.39	20.34	20.33		
20	QPSK	100	0	20.47	20.53	20.35		
20	16QAM	1	0	20.53	20.30	20.24	21.5	0
20	16QAM	1	49	20.48	20.31	20.40		
20	16QAM	1	99	20.30	20.12	20.25		
20	16QAM	50	0	20.47	20.48	20.38	21.5	0
20	16QAM	50	24	20.49	20.48	20.37		
20	16QAM	50	50	20.38	20.34	20.29		
20	16QAM	100	0	20.40	20.36	20.41		
20	64QAM	1	0	20.54	20.39	20.22	21.5	0
20	64QAM	1	49	20.53	20.41	20.40		
20	64QAM	1	99	20.52	20.23	20.29		
20	64QAM	50	0	19.45	19.46	19.39	20.5	1
20	64QAM	50	24	19.54	19.42	19.39		
20	64QAM	50	50	19.43	19.33	19.29		
20	64QAM	100	0	19.45	19.36	19.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.43	20.46	19.88	21.5	0
15	QPSK	1	37	20.37	20.39	20.44		
15	QPSK	1	74	20.23	20.23	20.15		
15	QPSK	36	0	20.41	20.47	20.14	21.5	0
15	QPSK	36	20	20.34	20.36	20.25		
15	QPSK	36	39	20.38	20.24	20.41		
15	QPSK	75	0	20.42	20.40	20.26		
15	16QAM	1	0	20.43	20.05	20.14	21.5	0
15	16QAM	1	37	20.20	20.05	20.12		
15	16QAM	1	74	20.02	20.16	20.24		
15	16QAM	36	0	20.49	20.44	20.38	21.5	0
15	16QAM	36	20	20.25	20.23	20.12		
15	16QAM	36	39	20.46	20.34	20.18		
15	16QAM	75	0	20.31	20.13	20.47		
15	64QAM	1	0	20.46	20.22	20.19	21.5	0
15	64QAM	1	37	20.46	20.48	20.21		
15	64QAM	1	74	20.35	20.24	20.14		
15	64QAM	36	0	19.35	19.37	19.11	20.5	1
15	64QAM	36	20	19.54	19.32	19.22		
15	64QAM	36	39	19.32	19.14	19.22		
15	64QAM	75	0	19.20	19.37	19.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.34	20.41	20.17	21.5	0
10	QPSK	1	25	20.25	20.47	20.21		
10	QPSK	1	49	20.17	20.03	20.14		
10	QPSK	25	0	20.40	20.36	20.13	21.5	0
10	QPSK	25	12	20.49	20.27	20.29		
10	QPSK	25	25	20.46	20.20	20.08		
10	QPSK	50	0	20.20	20.31	20.34		
10	16QAM	1	0	20.39	20.09	20.26	21.5	0
10	16QAM	1	25	20.37	20.29	20.39		
10	16QAM	1	49	20.22	20.16	20.12		
10	16QAM	25	0	20.46	20.46	20.12	21.5	0
10	16QAM	25	12	20.32	20.23	20.32		
10	16QAM	25	25	20.16	20.11	20.25		
10	16QAM	50	0	20.46	20.21	20.19		
10	64QAM	1	0	20.46	20.33	20.24	21.5	0
10	64QAM	1	25	20.31	20.22	20.15		
10	64QAM	1	49	20.27	20.00	20.31		
10	64QAM	25	0	19.34	19.20	19.25	20.5	1
10	64QAM	25	12	19.37	19.24	19.40		
10	64QAM	25	25	19.30	19.22	19.06		
10	64QAM	50	0	19.36	19.25	19.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.24	20.22	20.11	21.5	0
5	QPSK	1	12	20.24	20.38	20.43		
5	QPSK	1	24	20.13	20.22	19.98		
5	QPSK	12	0	20.34	20.40	20.13	21.5	0
5	QPSK	12	7	20.44	20.41	20.26		
5	QPSK	12	13	20.29	20.14	20.41		
5	QPSK	25	0	20.47	20.41	20.13		
5	16QAM	1	0	20.41	20.34	19.99	21.5	0
5	16QAM	1	12	20.35	20.30	20.46		
5	16QAM	1	24	20.29	19.85	20.00		
5	16QAM	12	0	20.48	20.38	20.14	21.5	0
5	16QAM	12	7	20.32	20.49	20.39		
5	16QAM	12	13	20.27	20.29	20.06		
5	16QAM	25	0	20.23	20.25	20.28		
5	64QAM	1	0	20.43	20.18	20.27	21.5	0
5	64QAM	1	12	20.28	20.34	20.44		
5	64QAM	1	24	20.28	20.07	20.34		
5	64QAM	12	0	19.34	19.41	19.20	20.5	1
5	64QAM	12	7	19.53	19.50	19.21		
5	64QAM	12	13	19.47	19.24	19.27		
5	64QAM	25	0	19.49	19.10	19.15		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.29	20.34	20.20	21.5	0
3	QPSK	1	8	20.30	20.28	20.49		
3	QPSK	1	14	20.37	20.22	20.17		
3	QPSK	8	0	20.20	20.40	20.35	21.5	0
3	QPSK	8	4	20.43	20.44	20.13		
3	QPSK	8	7	20.37	20.36	20.32		
3	QPSK	15	0	20.36	20.47	20.27		
3	16QAM	1	0	20.30	20.25	20.00	21.5	0
3	16QAM	1	8	20.37	20.25	20.46		
3	16QAM	1	14	20.22	20.19	20.18		
3	16QAM	8	0	20.20	20.23	20.12	21.5	0
3	16QAM	8	4	20.45	20.34	20.32		
3	16QAM	8	7	20.13	20.39	20.17		
3	16QAM	15	0	20.22	20.12	20.40		
3	64QAM	1	0	20.42	20.46	20.26	21.5	0
3	64QAM	1	8	20.25	20.35	20.18		
3	64QAM	1	14	20.40	20.04	20.31		
3	64QAM	8	0	19.27	19.45	19.45	20.5	1
3	64QAM	8	4	19.36	19.47	19.34		
3	64QAM	8	7	19.35	19.05	19.22		
3	64QAM	15	0	19.30	19.42	19.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.40	20.38	19.93	21.5	0
1.4	QPSK	1	3	20.40	20.42	20.35		
1.4	QPSK	1	5	20.42	20.27	19.91		
1.4	QPSK	3	0	20.40	20.45	20.18		
1.4	QPSK	3	1	20.49	20.30	20.22		
1.4	QPSK	3	3	20.44	20.16	20.27		
1.4	QPSK	6	0	20.36	20.47	20.16	21.5	0
1.4	16QAM	1	0	20.35	20.17	20.00	21.5	0
1.4	16QAM	1	3	20.41	20.19	20.24		
1.4	16QAM	1	5	20.13	19.95	20.05		
1.4	16QAM	3	0	20.27	20.43	20.37		
1.4	16QAM	3	1	20.48	20.26	20.21		
1.4	16QAM	3	3	20.31	20.36	20.11		
1.4	16QAM	6	0	20.44	20.15	20.37	21.5	0
1.4	64QAM	1	0	20.41	20.14	20.00	21.5	0
1.4	64QAM	1	3	20.32	20.15	20.12		
1.4	64QAM	1	5	20.45	20.23	20.34		
1.4	64QAM	3	0	20.34	20.09	20.26		
1.4	64QAM	3	1	20.18	20.37	20.03		
1.4	64QAM	3	3	20.05	20.04	20.05		
1.4	64QAM	6	0	19.44	19.30	19.17	20.5	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.39	20.54	20.33	21.5	0
20	QPSK	1	49	20.52	20.55	20.41		
20	QPSK	1	99	20.24	20.36	20.28		
20	QPSK	50	0	20.33	20.42	20.35	21.5	0
20	QPSK	50	24	20.50	20.53	20.38		
20	QPSK	50	50	20.35	20.25	20.31		
20	QPSK	100	0	20.39	20.52	20.32		
20	16QAM	1	0	20.48	20.48	20.16	21.5	0
20	16QAM	1	49	20.39	20.39	20.28		
20	16QAM	1	99	20.40	20.43	20.12		
20	16QAM	50	0	20.34	20.42	20.36	21.5	0
20	16QAM	50	24	20.46	20.43	20.35		
20	16QAM	50	50	20.35	20.31	20.31		
20	16QAM	100	0	20.33	20.29	20.31		
20	64QAM	1	0	20.47	20.41	20.46	21.5	0
20	64QAM	1	49	20.55	20.49	20.40		
20	64QAM	1	99	20.35	20.30	20.43		
20	64QAM	50	0	19.82	19.90	19.82	21	0.5
20	64QAM	50	24	19.94	19.83	19.86		
20	64QAM	50	50	19.81	19.72	19.70		
20	64QAM	100	0	19.86	19.81	19.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.21	20.47	20.37	21.5	0
15	QPSK	1	37	20.42	20.35	20.20		
15	QPSK	1	74	20.09	20.35	20.04		
15	QPSK	36	0	20.27	20.14	20.24	21.5	0
15	QPSK	36	20	20.45	20.46	20.12		
15	QPSK	36	39	20.34	20.09	20.21		
15	QPSK	75	0	20.37	20.24	20.07		
15	16QAM	1	0	20.47	20.23	20.14	21.5	0
15	16QAM	1	37	20.36	20.35	20.33		
15	16QAM	1	74	20.21	20.40	20.00		
15	16QAM	36	0	20.38	20.16	20.12	21.5	0
15	16QAM	36	20	20.24	20.16	20.24		
15	16QAM	36	39	20.33	20.10	20.30		
15	16QAM	75	0	20.09	20.34	20.33		
15	64QAM	1	0	20.44	20.24	20.33	21.5	0
15	64QAM	1	37	20.48	20.36	20.45		
15	64QAM	1	74	20.34	20.10	20.31		
15	64QAM	36	0	19.69	19.62	19.74	21	0.5
15	64QAM	36	20	19.76	19.67	19.86		
15	64QAM	36	39	19.56	19.63	19.46		
15	64QAM	75	0	19.68	19.55	19.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.16	20.35	20.24	21.5	0
10	QPSK	1	25	20.48	20.31	20.49		
10	QPSK	1	49	20.13	20.25	20.29		
10	QPSK	25	0	20.14	20.38	20.34	21.5	0
10	QPSK	25	12	20.48	20.48	20.19		
10	QPSK	25	25	20.28	20.26	20.13		
10	QPSK	50	0	20.20	20.36	20.28		
10	16QAM	1	0	20.38	20.36	19.90	21.5	0
10	16QAM	1	25	20.31	20.38	20.20		
10	16QAM	1	49	20.24	20.34	20.00		
10	16QAM	25	0	20.40	20.29	20.36	21.5	0
10	16QAM	25	12	20.30	20.32	20.41		
10	16QAM	25	25	20.28	20.13	20.17		
10	16QAM	50	0	20.34	20.34	20.21		
10	64QAM	1	0	20.21	20.47	20.43	21.5	0
10	64QAM	1	25	20.28	20.41	20.13		
10	64QAM	1	49	20.30	20.06	20.44		
10	64QAM	25	0	19.71	19.95	19.69	21	0.5
10	64QAM	25	12	19.86	19.78	19.59		
10	64QAM	25	25	19.67	19.66	19.65		
10	64QAM	50	0	19.82	19.59	19.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.15	20.35	20.08	21.5	0
5	QPSK	1	12	20.44	20.38	20.45		
5	QPSK	1	24	19.98	20.28	20.09		
5	QPSK	12	0	20.24	20.46	20.25	21.5	0
5	QPSK	12	7	20.31	20.47	20.17		
5	QPSK	12	13	20.39	20.10	20.33		
5	QPSK	25	0	20.15	20.36	20.23		
5	16QAM	1	0	20.42	20.49	20.16	21.5	0
5	16QAM	1	12	20.47	20.35	20.35		
5	16QAM	1	24	20.42	20.47	20.20		
5	16QAM	12	0	20.42	20.46	20.43	21.5	0
5	16QAM	12	7	20.45	20.21	20.30		
5	16QAM	12	13	20.13	20.11	20.12		
5	16QAM	25	0	20.34	20.32	20.08		
5	64QAM	1	0	20.40	20.16	20.23	21.5	0
5	64QAM	1	12	20.48	20.24	20.38		
5	64QAM	1	24	20.08	20.16	20.48		
5	64QAM	12	0	19.56	19.78	19.79	21	0.5
5	64QAM	12	7	19.97	19.60	19.75		
5	64QAM	12	13	19.85	19.62	19.78		
5	64QAM	25	0	19.92	19.55	19.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.37	20.35	20.16	21.5	0
3	QPSK	1	8	20.44	20.47	20.35		
3	QPSK	1	14	20.21	20.25	20.06		
3	QPSK	8	0	20.15	20.21	20.42	21.5	0
3	QPSK	8	4	20.40	20.40	20.28		
3	QPSK	8	7	20.42	20.16	20.22		
3	QPSK	15	0	20.27	20.40	20.17		
3	16QAM	1	0	20.20	20.24	19.94	21.5	0
3	16QAM	1	8	20.34	20.32	20.20		
3	16QAM	1	14	20.24	20.31	20.00		
3	16QAM	8	0	20.08	20.37	20.36	21.5	0
3	16QAM	8	4	20.30	20.40	20.09		
3	16QAM	8	7	20.40	20.35	20.15		
3	16QAM	15	0	20.32	20.25	20.36		
3	64QAM	1	0	20.30	20.21	20.44	21.5	0
3	64QAM	1	8	20.45	20.46	20.39		
3	64QAM	1	14	20.14	20.29	20.49		
3	64QAM	8	0	19.64	19.64	19.76	21	0.5
3	64QAM	8	4	19.98	19.61	19.64		
3	64QAM	8	7	19.71	19.69	19.60		
3	64QAM	15	0	19.62	19.70	19.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.34	20.30	20.18	21.5	0
1.4	QPSK	1	3	20.41	20.30	20.42		
1.4	QPSK	1	5	20.28	20.36	20.07		
1.4	QPSK	3	0	20.34	20.23	20.07		
1.4	QPSK	3	1	20.44	20.40	20.21		
1.4	QPSK	3	3	20.30	20.30	20.08		
1.4	QPSK	6	0	20.45	20.43	20.28	21.5	0
1.4	16QAM	1	0	20.45	20.27	20.16	21.5	0
1.4	16QAM	1	3	20.23	20.47	20.23		
1.4	16QAM	1	5	20.23	20.20	20.17		
1.4	16QAM	3	0	20.31	20.32	20.37		
1.4	16QAM	3	1	20.22	20.20	20.17		
1.4	16QAM	3	3	20.21	20.25	20.25		
1.4	16QAM	6	0	20.14	20.37	20.29	21.5	0
1.4	64QAM	1	0	20.42	20.43	20.42	21.5	0
1.4	64QAM	1	3	20.48	20.44	20.34		
1.4	64QAM	1	5	20.33	20.34	20.32		
1.4	64QAM	3	0	20.43	20.45	20.40		
1.4	64QAM	3	1	20.48	20.46	20.42		
1.4	64QAM	3	3	20.42	20.40	20.40		
1.4	64QAM	6	0	19.91	19.63	19.71	21	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.40	20.52	20.60	22	0
20	QPSK	1	49	20.58	20.67	20.69		
20	QPSK	1	99	20.52	20.47	20.59		
20	QPSK	50	0	20.49	20.44	20.62	22	0
20	QPSK	50	24	20.55	20.65	20.67		
20	QPSK	50	50	20.53	20.53	20.64		
20	QPSK	100	0	20.59	20.64	20.65		
20	16QAM	1	0	20.33	20.68	20.68	22	0
20	16QAM	1	49	20.58	20.65	20.64		
20	16QAM	1	99	20.39	20.62	20.61		
20	16QAM	50	0	20.06	19.98	20.13	21.5	0.5
20	16QAM	50	24	20.03	20.09	20.18		
20	16QAM	50	50	20.04	20.03	20.13		
20	16QAM	100	0	20.09	19.98	20.11		
20	64QAM	1	0	20.13	20.26	19.94	21.5	0.5
20	64QAM	1	49	20.14	20.18	19.83		
20	64QAM	1	99	20.23	20.17	19.88		
20	64QAM	50	0	19.23	19.13	19.27	20.5	1.5
20	64QAM	50	24	19.18	19.22	19.28		
20	64QAM	50	50	19.30	19.18	19.29		
20	64QAM	100	0	19.15	19.16	19.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.37	20.49	20.62	22	0
15	QPSK	1	37	20.50	20.67	20.42		
15	QPSK	1	74	20.35	20.27	20.34		
15	QPSK	36	0	20.51	20.29	20.60	22	0
15	QPSK	36	20	20.35	20.43	20.51		
15	QPSK	36	39	20.33	20.32	20.39		
15	QPSK	75	0	20.47	20.62	20.68		
15	16QAM	1	0	20.28	20.45	20.47	22	0
15	16QAM	1	37	20.45	20.63	20.61		
15	16QAM	1	74	20.15	20.68	20.43		
15	16QAM	36	0	19.97	19.72	20.10	21.5	0.5
15	16QAM	36	20	19.84	20.10	20.08		
15	16QAM	36	39	19.96	19.80	19.96		
15	16QAM	75	0	20.06	19.86	19.88		
15	64QAM	1	0	20.08	20.12	19.73	21.5	0.5
15	64QAM	1	37	20.11	20.19	19.80		
15	64QAM	1	74	19.96	20.12	19.71		
15	64QAM	36	0	18.98	18.89	19.10	20.5	1.5
15	64QAM	36	20	19.16	19.22	19.14		
15	64QAM	36	39	19.34	19.02	19.10		
15	64QAM	75	0	19.16	18.90	18.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.39	20.40	20.65	22	0
10	QPSK	1	25	20.39	20.42	20.65		
10	QPSK	1	49	20.55	20.39	20.57		
10	QPSK	25	0	20.54	20.32	20.48	22	0
10	QPSK	25	12	20.51	20.60	20.58		
10	QPSK	25	25	20.48	20.51	20.38		
10	QPSK	50	0	20.37	20.66	20.62		
10	16QAM	1	0	20.28	20.63	20.46	22	0
10	16QAM	1	25	20.50	20.40	20.51		
10	16QAM	1	49	20.14	20.44	20.57		
10	16QAM	25	0	19.91	20.00	20.06	21.5	0.5
10	16QAM	25	12	19.98	20.02	20.10		
10	16QAM	25	25	20.00	20.09	20.14		
10	16QAM	50	0	20.12	19.74	19.92		
10	64QAM	1	0	20.03	20.18	19.71	21.5	0.5
10	64QAM	1	25	19.92	19.98	19.73		
10	64QAM	1	49	20.11	20.14	19.81		
10	64QAM	25	0	19.12	18.89	19.32	20.5	1.5
10	64QAM	25	12	18.99	19.25	19.09		
10	64QAM	25	25	19.08	19.02	19.30		
10	64QAM	50	0	18.92	19.01	19.07		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.27	20.59	20.60	22	0
5	QPSK	1	12	20.36	20.47	20.64		
5	QPSK	1	24	20.33	20.38	20.36		
5	QPSK	12	0	20.57	20.30	20.59	22	0
5	QPSK	12	7	20.58	20.48	20.44		
5	QPSK	12	13	20.54	20.57	20.39		
5	QPSK	25	0	20.63	20.64	20.58		
5	16QAM	1	0	20.27	20.63	20.45	22	0
5	16QAM	1	12	20.51	20.49	20.42		
5	16QAM	1	24	20.30	20.55	20.53		
5	16QAM	12	0	20.10	19.78	19.97	21.5	0.5
5	16QAM	12	7	19.81	20.12	20.06		
5	16QAM	12	13	19.94	20.05	19.97		
5	16QAM	25	0	20.10	19.96	19.88		
5	64QAM	1	0	20.10	20.10	19.79	21.5	0.5
5	64QAM	1	12	19.86	20.17	19.70		
5	64QAM	1	24	20.15	20.22	19.68		
5	64QAM	12	0	19.30	18.92	19.09	20.5	1.5
5	64QAM	12	7	19.15	19.25	19.08		
5	64QAM	12	13	19.32	19.24	19.01		
5	64QAM	25	0	19.22	18.91	18.95		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.13	20.37	20.58	22	0
3	QPSK	1	8	20.40	20.54	20.63		
3	QPSK	1	14	20.35	20.32	20.44		
3	QPSK	8	0	20.57	20.38	20.54	22	0
3	QPSK	8	4	20.34	20.62	20.65		
3	QPSK	8	7	20.25	20.52	20.49		
3	QPSK	15	0	20.53	20.65	20.39		
3	16QAM	1	0	20.25	20.46	20.62	22	0
3	16QAM	1	8	20.54	20.65	20.59		
3	16QAM	1	14	20.26	20.38	20.55		
3	16QAM	8	0	19.99	19.97	20.11	21.5	0.5
3	16QAM	8	4	19.86	20.10	20.09		
3	16QAM	8	7	19.84	20.08	20.16		
3	16QAM	15	0	20.16	19.88	20.06		
3	64QAM	1	0	20.08	20.00	19.70	21.5	0.5
3	64QAM	1	8	19.87	19.90	19.90		
3	64QAM	1	14	20.14	20.16	19.63		
3	64QAM	8	0	19.12	19.14	19.18	20.5	1.5
3	64QAM	8	4	19.22	19.06	19.06		
3	64QAM	8	7	19.06	18.94	19.33		
3	64QAM	15	0	18.93	19.08	19.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.30	20.31	20.41	22	0
1.4	QPSK	1	3	20.47	20.64	20.43		
1.4	QPSK	1	5	20.34	20.28	20.43		
1.4	QPSK	3	0	20.27	20.22	20.42		
1.4	QPSK	3	1	20.57	20.58	20.55		
1.4	QPSK	3	3	20.52	20.49	20.36		
1.4	QPSK	6	0	20.35	20.40	20.54	22	0
1.4	16QAM	1	0	20.08	20.54	20.66	22	0
1.4	16QAM	1	3	20.45	20.67	20.37		
1.4	16QAM	1	5	20.23	20.45	20.45		
1.4	16QAM	3	0	20.57	20.56	20.60		
1.4	16QAM	3	1	20.30	20.41	20.60		
1.4	16QAM	3	3	20.38	20.54	20.61		
1.4	16QAM	6	0	20.03	20.06	19.97	21.5	0.5
1.4	64QAM	1	0	19.87	20.02	19.73	21.5	0.5
1.4	64QAM	1	3	20.05	20.15	19.76		
1.4	64QAM	1	5	20.05	19.91	19.77		
1.4	64QAM	3	0	20.05	19.90	20.00		
1.4	64QAM	3	1	19.81	20.07	20.11		
1.4	64QAM	3	3	20.15	19.94	19.84		
1.4	64QAM	6	0	19.00	19.15	19.20	20.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.83	20.83	20.99	22.6	0
20	QPSK	1	49	20.97	21.13	21.17		
20	QPSK	1	99	20.79	20.84	20.94		
20	QPSK	50	0	20.92	20.87	21.08	22.6	0
20	QPSK	50	24	20.95	21.11	21.15		
20	QPSK	50	50	20.91	20.95	21.09		
20	QPSK	100	0	20.88	21.10	21.13		
20	16QAM	1	0	20.79	20.93	21.09	22.6	0
20	16QAM	1	49	21.00	21.10	21.14		
20	16QAM	1	99	20.88	20.91	21.11		
20	16QAM	50	0	20.52	20.35	20.63	22.1	0.5
20	16QAM	50	24	20.43	20.44	20.60		
20	16QAM	50	50	20.47	20.43	20.58		
20	16QAM	100	0	20.54	20.45	20.63		
20	64QAM	1	0	20.57	20.69	20.77	22.1	0.5
20	64QAM	1	49	20.46	20.84	20.85		
20	64QAM	1	99	20.32	20.59	20.72		
20	64QAM	50	0	19.70	19.57	19.86	21.1	1.5
20	64QAM	50	24	19.62	19.71	19.84		
20	64QAM	50	50	19.69	19.65	19.76		
20	64QAM	100	0	19.72	19.57	19.81		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.88	20.80	20.87	22.6	0
15	QPSK	1	37	20.94	21.04	21.03		
15	QPSK	1	74	20.71	20.65	20.75		
15	QPSK	36	0	20.66	20.80	21.02	22.6	0
15	QPSK	36	20	20.76	21.03	20.96		
15	QPSK	36	39	20.81	21.02	21.11		
15	QPSK	75	0	20.69	21.00	21.10		
15	16QAM	1	0	20.62	20.95	21.01	22.6	0
15	16QAM	1	37	21.01	21.09	20.91		
15	16QAM	1	74	20.75	20.87	20.95		
15	16QAM	36	0	20.32	20.36	20.64	22.1	0.5
15	16QAM	36	20	20.34	20.16	20.60		
15	16QAM	36	39	20.33	20.22	20.47		
15	16QAM	75	0	20.28	20.36	20.47		
15	64QAM	1	0	20.32	20.58	20.82	22.1	0.5
15	64QAM	1	37	20.42	20.78	20.75		
15	64QAM	1	74	20.39	20.55	20.73		
15	64QAM	36	0	19.42	19.64	19.59	21.1	1.5
15	64QAM	36	20	19.65	19.64	19.60		
15	64QAM	36	39	19.45	19.69	19.73		
15	64QAM	75	0	19.66	19.39	19.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.74	20.87	20.79	22.6	0
10	QPSK	1	25	20.74	21.07	21.02		
10	QPSK	1	49	20.76	20.62	21.02		
10	QPSK	25	0	20.80	20.71	21.00	22.6	0
10	QPSK	25	12	21.03	21.07	21.14		
10	QPSK	25	25	20.75	20.77	20.95		
10	QPSK	50	0	20.78	20.87	21.09		
10	16QAM	1	0	20.84	20.79	20.97	22.6	0
10	16QAM	1	25	20.72	20.95	21.09		
10	16QAM	1	49	20.72	20.68	21.16		
10	16QAM	25	0	20.41	20.18	20.67	22.1	0.5
10	16QAM	25	12	20.47	20.37	20.67		
10	16QAM	25	25	20.29	20.45	20.42		
10	16QAM	50	0	20.61	20.37	20.39		
10	64QAM	1	0	20.62	20.44	20.65	22.1	0.5
10	64QAM	1	25	20.33	20.85	20.61		
10	64QAM	1	49	20.36	20.61	20.70		
10	64QAM	25	0	19.72	19.41	19.86	21.1	1.5
10	64QAM	25	12	19.46	19.51	19.84		
10	64QAM	25	25	19.56	19.73	19.60		
10	64QAM	50	0	19.63	19.45	19.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.87	20.63	21.07	22.6	0
5	QPSK	1	12	20.70	20.85	21.16		
5	QPSK	1	24	20.66	20.82	21.00		
5	QPSK	12	0	20.90	20.65	20.98	22.6	0
5	QPSK	12	7	20.79	20.88	20.88		
5	QPSK	12	13	20.82	20.77	20.82		
5	QPSK	25	0	20.66	21.11	21.02		
5	16QAM	1	0	20.67	20.68	21.08	22.6	0
5	16QAM	1	12	20.83	20.84	20.86		
5	16QAM	1	24	20.65	20.70	20.90		
5	16QAM	12	0	20.56	20.37	20.51	22.1	0.5
5	16QAM	12	7	20.35	20.47	20.67		
5	16QAM	12	13	20.30	20.44	20.39		
5	16QAM	25	0	20.38	20.22	20.55		
5	64QAM	1	0	20.36	20.48	20.74	22.1	0.5
5	64QAM	1	12	20.38	20.70	20.73		
5	64QAM	1	24	20.32	20.40	20.53		
5	64QAM	12	0	19.64	19.32	19.64	21.1	1.5
5	64QAM	12	7	19.39	19.57	19.71		
5	64QAM	12	13	19.46	19.49	19.77		
5	64QAM	25	0	19.59	19.35	19.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.74	20.88	20.91	22.6	0
3	QPSK	1	8	20.69	21.07	21.07		
3	QPSK	1	14	20.68	20.73	21.00		
3	QPSK	8	0	20.67	20.67	20.90	22.6	0
3	QPSK	8	4	20.94	21.00	20.91		
3	QPSK	8	7	20.78	20.67	20.96		
3	QPSK	15	0	20.67	20.89	20.95		
3	16QAM	1	0	20.67	20.74	20.84	22.6	0
3	16QAM	1	8	21.06	20.85	21.08		
3	16QAM	1	14	20.90	20.88	20.88		
3	16QAM	8	0	20.26	20.20	20.61	22.1	0.5
3	16QAM	8	4	20.15	20.36	20.48		
3	16QAM	8	7	20.48	20.51	20.31		
3	16QAM	15	0	20.36	20.44	20.53		
3	64QAM	1	0	20.39	20.47	20.70	22.1	0.5
3	64QAM	1	8	20.53	20.84	20.79		
3	64QAM	1	14	20.38	20.34	20.60		
3	64QAM	8	0	19.57	19.58	19.87	21.1	1.5
3	64QAM	8	4	19.48	19.66	19.69		
3	64QAM	8	7	19.42	19.47	19.52		
3	64QAM	15	0	19.51	19.42	19.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.84	20.81	20.71	22.6	0
1.4	QPSK	1	3	21.02	20.86	20.93		
1.4	QPSK	1	5	20.83	20.69	20.68		
1.4	QPSK	3	0	20.85	20.92	20.91		
1.4	QPSK	3	1	20.91	20.86	21.05		
1.4	QPSK	3	3	20.89	20.85	20.91		
1.4	QPSK	6	0	20.95	21.10	20.94	22.6	0
1.4	16QAM	1	0	20.84	20.80	20.97	22.6	0
1.4	16QAM	1	3	20.73	21.01	21.10		
1.4	16QAM	1	5	20.88	20.90	20.88		
1.4	16QAM	3	0	21.01	20.85	21.06		
1.4	16QAM	3	1	20.97	20.77	21.00		
1.4	16QAM	3	3	20.84	20.97	21.07		
1.4	16QAM	6	0	20.37	20.31	20.54	22.1	0.5
1.4	64QAM	1	0	20.45	20.41	20.53	22.1	0.5
1.4	64QAM	1	3	20.21	20.68	20.65		
1.4	64QAM	1	5	20.20	20.66	20.68		
1.4	64QAM	3	0	20.46	20.45	20.61		
1.4	64QAM	3	1	20.35	20.37	20.62		
1.4	64QAM	3	3	20.41	20.35	20.52		
1.4	64QAM	6	0	19.59	19.53	19.65	21.1	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.20	23.29	23.04	24.5	0
10	QPSK	1	25	23.28	23.37	23.16		
10	QPSK	1	49	23.21	23.27	23.05		
10	QPSK	25	0	22.25	22.25	22.22	23.5	1
10	QPSK	25	12	22.26	22.31	22.24		
10	QPSK	25	25	22.24	22.24	22.17		
10	QPSK	50	0	22.24	22.28	22.23		
10	16QAM	1	0	22.06	22.35	21.96	23.5	1
10	16QAM	1	25	22.22	22.36	22.22		
10	16QAM	1	49	22.09	22.32	21.97		
10	16QAM	25	0	21.28	21.31	21.23	22.5	2
10	16QAM	25	12	21.27	21.32	21.15		
10	16QAM	25	25	21.25	21.31	21.13		
10	16QAM	50	0	21.24	21.20	21.25		
10	64QAM	1	0	21.54	21.52	21.40	22.5	2
10	64QAM	1	25	21.74	21.66	21.45		
10	64QAM	1	49	21.49	21.48	21.41		
10	64QAM	25	0	20.15	20.18	20.19	21.5	3
10	64QAM	25	12	20.14	20.15	20.15		
10	64QAM	25	25	20.11	20.13	20.08		
10	64QAM	50	0	20.30	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.27	23.19	23.27	24.5	0
5	QPSK	1	12	23.32	23.28	23.26		
5	QPSK	1	24	23.30	23.18	23.26		
5	QPSK	12	0	22.25	22.26	22.19	23.5	1
5	QPSK	12	7	22.25	22.25	22.18		
5	QPSK	12	13	22.19	22.28	22.13		
5	QPSK	25	0	22.33	22.26	22.14		
5	16QAM	1	0	22.60	22.66	22.61	23.5	1
5	16QAM	1	12	22.66	22.65	22.49		
5	16QAM	1	24	22.68	22.54	22.50		
5	16QAM	12	0	21.17	21.24	21.14	22.5	2
5	16QAM	12	7	21.22	21.18	21.11		
5	16QAM	12	13	21.13	21.16	21.03		
5	16QAM	25	0	21.24	21.23	21.13		
5	64QAM	1	0	21.62	21.51	21.45	22.5	2
5	64QAM	1	12	21.64	21.61	21.61		
5	64QAM	1	24	21.50	21.54	21.46		
5	64QAM	12	0	20.26	20.18	20.14	21.5	3
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.20	20.20	20.10		
5	64QAM	25	0	20.19	20.15	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.19	23.10	24.5	0
3	QPSK	1	8	23.16	23.36	23.13		
3	QPSK	1	14	23.16	23.22	23.13		
3	QPSK	8	0	22.27	22.15	22.19	23.5	1
3	QPSK	8	4	22.22	22.23	22.11		
3	QPSK	8	7	22.18	22.19	22.13		
3	QPSK	15	0	22.20	22.24	22.11		
3	16QAM	1	0	22.62	22.80	22.34	23.5	1
3	16QAM	1	8	22.48	22.70	22.35		
3	16QAM	1	14	22.56	22.67	22.34		
3	16QAM	8	0	21.27	21.19	21.24	22.5	2
3	16QAM	8	4	21.33	21.27	21.24		
3	16QAM	8	7	21.31	21.24	21.14		
3	16QAM	15	0	21.27	21.34	21.22		
3	64QAM	1	0	21.25	21.06	20.88	22.5	2
3	64QAM	1	8	21.16	20.94	20.96		
3	64QAM	1	14	21.15	21.18	21.10		
3	64QAM	8	0	20.12	20.09	20.04	21.5	3
3	64QAM	8	4	20.10	20.25	20.20		
3	64QAM	8	7	20.16	20.06	20.21		
3	64QAM	15	0	20.19	20.15	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.22	23.25	22.93	24.5	0
1.4	QPSK	1	3	23.27	23.30	22.97		
1.4	QPSK	1	5	23.24	23.19	22.89		
1.4	QPSK	3	0	23.35	23.34	23.14		
1.4	QPSK	3	1	23.32	23.32	23.11		
1.4	QPSK	3	3	23.36	23.36	23.11		
1.4	QPSK	6	0	22.24	22.20	22.17	23.5	1
1.4	16QAM	1	0	22.64	22.36	22.11	23.5	1
1.4	16QAM	1	3	22.64	22.16	22.11		
1.4	16QAM	1	5	22.72	22.15	22.08		
1.4	16QAM	3	0	22.34	22.30	22.16		
1.4	16QAM	3	1	22.36	22.30	22.18		
1.4	16QAM	3	3	22.37	22.22	22.17		
1.4	16QAM	6	0	21.50	21.32	21.12	22.5	2
1.4	64QAM	1	0	21.58	21.54	21.42	22.5	2
1.4	64QAM	1	3	21.60	21.56	21.36		
1.4	64QAM	1	5	21.55	21.49	21.37		
1.4	64QAM	3	0	21.23	21.46	21.33		
1.4	64QAM	3	1	21.25	21.47	21.31		
1.4	64QAM	3	3	21.34	21.49	21.41		
1.4	64QAM	6	0	20.12	20.16	20.07	21.5	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	23.21	23.27	23.14	24.5	0
10	QPSK	1	25	23.28	23.33	23.21		
10	QPSK	1	49	23.21	23.24	23.17		
10	QPSK	25	0	22.21	22.22	22.18	23.5	1
10	QPSK	25	12	22.24	22.27	22.23		
10	QPSK	25	25	22.22	22.25	22.16		
10	QPSK	50	0	22.21	22.24	22.19		
10	16QAM	1	0	22.39	22.51	22.36	23.5	1
10	16QAM	1	25	22.52	22.54	22.41		
10	16QAM	1	49	22.47	22.46	22.37		
10	16QAM	25	0	21.26	21.21	21.21	22.5	2
10	16QAM	25	12	21.22	21.26	21.18		
10	16QAM	25	25	21.22	21.19	21.15		
10	16QAM	50	0	21.22	21.22	21.22		
10	64QAM	1	0	21.32	21.37	21.20	22.5	2
10	64QAM	1	25	21.41	21.44	21.27		
10	64QAM	1	49	21.36	21.35	21.25		
10	64QAM	25	0	20.22	20.20	20.20	21.5	3
10	64QAM	25	12	20.21	20.23	20.17		
10	64QAM	25	25	20.20	20.16	20.10		
10	64QAM	50	0	20.19	20.18	20.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.28	23.20	24.5	0
5	QPSK	1	12	23.29	23.31	23.23		
5	QPSK	1	24	23.26	23.29	23.21		
5	QPSK	12	0	22.27	22.27	22.21	23.5	1
5	QPSK	12	7	22.22	22.25	22.20		
5	QPSK	12	13	22.21	22.23	22.15		
5	QPSK	25	0	22.25	22.25	22.21		
5	16QAM	1	0	22.46	22.47	22.36	23.5	1
5	16QAM	1	12	22.50	22.51	22.43		
5	16QAM	1	24	22.45	22.46	22.35		
5	16QAM	12	0	21.20	21.22	21.18	22.5	2
5	16QAM	12	7	21.20	21.22	21.17		
5	16QAM	12	13	21.18	21.21	21.11		
5	16QAM	25	0	21.22	21.24	21.21		
5	64QAM	1	0	21.37	21.33	21.31	22.5	2
5	64QAM	1	12	21.44	21.43	21.34		
5	64QAM	1	24	21.36	21.34	21.27		
5	64QAM	12	0	20.25	20.20	20.18	21.5	3
5	64QAM	12	7	20.23	20.23	20.16		
5	64QAM	12	13	20.20	20.20	20.15		
5	64QAM	25	0	20.21	20.20	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.26	23.29	23.16	24.5	0
3	QPSK	1	8	23.26	23.27	23.18		
3	QPSK	1	14	23.24	23.26	23.16		
3	QPSK	8	0	22.24	22.25	22.18	23.5	1
3	QPSK	8	4	22.23	22.24	22.18		
3	QPSK	8	7	22.18	22.22	22.14		
3	QPSK	15	0	22.20	22.21	22.16		
3	16QAM	1	0	22.39	22.48	22.38	23.5	1
3	16QAM	1	8	22.45	22.51	22.41		
3	16QAM	1	14	22.45	22.45	22.40		
3	16QAM	8	0	21.29	21.30	21.22	22.5	2
3	16QAM	8	4	21.27	21.29	21.20		
3	16QAM	8	7	21.27	21.26	21.19		
3	16QAM	15	0	21.24	21.23	21.19		
3	64QAM	1	0	21.34	21.37	21.30	22.5	2
3	64QAM	1	8	21.38	21.41	21.30		
3	64QAM	1	14	21.35	21.37	21.27		
3	64QAM	8	0	20.23	20.23	20.17	21.5	3
3	64QAM	8	4	20.22	20.22	20.17		
3	64QAM	8	7	20.21	20.21	20.16		
3	64QAM	15	0	20.17	20.18	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.27	23.16	24.5	0
1.4	QPSK	1	3	23.24	23.26	23.17		
1.4	QPSK	1	5	23.23	23.27	23.16		
1.4	QPSK	3	0	23.28	23.26	23.17		
1.4	QPSK	3	1	23.26	23.27	23.20		
1.4	QPSK	3	3	23.26	23.27	23.21		
1.4	QPSK	6	0	22.28	22.27	22.19	23.5	1
1.4	16QAM	1	0	22.43	22.50	22.37	23.5	1
1.4	16QAM	1	3	22.45	22.50	22.40		
1.4	16QAM	1	5	22.42	22.50	22.36		
1.4	16QAM	3	0	22.26	22.25	22.21		
1.4	16QAM	3	1	22.27	22.26	22.20		
1.4	16QAM	3	3	22.25	22.24	22.18		
1.4	16QAM	6	0	21.31	21.30	21.21	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.31	22.5	2
1.4	64QAM	1	3	21.37	21.42	21.31		
1.4	64QAM	1	5	21.37	21.39	21.25		
1.4	64QAM	3	0	21.28	21.30	21.26		
1.4	64QAM	3	1	21.30	21.31	21.27		
1.4	64QAM	3	3	21.32	21.32	21.24		
1.4	64QAM	6	0	20.19	20.16	20.12	21.5	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	17.04	17.18	17.07	18.5	0
20	QPSK	1	49	17.25	17.45	17.32		
20	QPSK	1	99	17.11	17.29	17.17		
20	QPSK	50	0	17.20	17.23	17.17	18.5	0
20	QPSK	50	24	17.23	17.43	17.30		
20	QPSK	50	50	17.22	17.31	17.24		
20	QPSK	100	0	17.18	17.40	17.22		
20	16QAM	1	0	17.11	17.43	16.96	18.5	0
20	16QAM	1	49	17.32	17.41	17.04		
20	16QAM	1	99	17.23	17.40	17.07		
20	16QAM	50	0	17.23	17.16	17.11	18.5	0
20	16QAM	50	24	17.27	17.19	17.20		
20	16QAM	50	50	17.21	17.19	17.28		
20	16QAM	100	0	17.19	17.22	17.21		
20	64QAM	1	0	17.05	16.74	17.11	18.5	0
20	64QAM	1	49	17.19	17.43	17.38		
20	64QAM	1	99	17.12	17.30	17.33		
20	64QAM	50	0	17.14	17.13	17.12	18.5	0
20	64QAM	50	24	17.19	17.34	17.22		
20	64QAM	50	50	17.19	17.29	17.26		
20	64QAM	100	0	17.19	17.22	17.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.02	17.16	16.90	18.5	0
15	QPSK	1	37	17.18	17.37	17.17		
15	QPSK	1	74	17.15	17.22	16.93		
15	QPSK	36	0	17.27	17.06	17.15	18.5	0
15	QPSK	36	20	17.29	17.43	17.22		
15	QPSK	36	39	17.27	17.27	17.18		
15	QPSK	75	0	17.18	17.36	17.09		
15	16QAM	1	0	17.01	17.33	16.98	18.5	0
15	16QAM	1	37	17.19	17.16	17.05		
15	16QAM	1	74	17.01	17.37	17.13		
15	16QAM	36	0	17.28	16.96	17.01	18.5	0
15	16QAM	36	20	16.99	17.04	17.28		
15	16QAM	36	39	16.95	16.91	17.13		
15	16QAM	75	0	17.15	17.07	16.98		
15	64QAM	1	0	16.85	16.90	17.00	18.5	0
15	64QAM	1	37	17.18	17.30	17.18		
15	64QAM	1	74	16.91	17.33	17.09		
15	64QAM	36	0	17.11	17.03	17.07	18.5	0
15	64QAM	36	20	17.08	17.16	17.29		
15	64QAM	36	39	17.04	17.25	17.16		
15	64QAM	75	0	16.97	17.07	17.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.92	16.93	16.85	18.5	0
10	QPSK	1	25	17.10	17.23	17.10		
10	QPSK	1	49	16.92	17.29	17.01		
10	QPSK	25	0	17.17	17.23	17.17	18.5	0
10	QPSK	25	12	17.23	17.29	17.38		
10	QPSK	25	25	16.97	17.27	17.11		
10	QPSK	50	0	17.09	17.29	17.00		
10	16QAM	1	0	16.92	17.22	16.93	18.5	0
10	16QAM	1	25	17.28	17.39	16.90		
10	16QAM	1	49	17.03	17.22	16.91		
10	16QAM	25	0	17.25	16.96	16.85	18.5	0
10	16QAM	25	12	17.17	17.13	17.18		
10	16QAM	25	25	17.04	16.96	17.15		
10	16QAM	50	0	16.92	17.02	17.10		
10	64QAM	1	0	16.95	16.90	16.90	18.5	0
10	64QAM	1	25	17.02	17.32	17.13		
10	64QAM	1	49	17.03	17.18	17.18		
10	64QAM	25	0	16.89	16.97	17.20	18.5	0
10	64QAM	25	12	17.26	17.14	17.06		
10	64QAM	25	25	16.91	17.21	17.01		
10	64QAM	50	0	17.20	16.99	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.09	17.15	16.98	18.5	0
5	QPSK	1	12	17.28	17.22	17.12		
5	QPSK	1	24	17.07	17.13	16.92		
5	QPSK	12	0	16.99	16.99	17.25	18.5	0
5	QPSK	12	7	17.11	17.19	17.23		
5	QPSK	12	13	17.14	17.04	17.29		
5	QPSK	25	0	17.18	17.35	16.95		
5	16QAM	1	0	16.86	17.28	16.98	18.5	0
5	16QAM	1	12	17.24	17.30	17.12		
5	16QAM	1	24	16.96	17.28	16.89		
5	16QAM	12	0	17.15	17.10	17.05	18.5	0
5	16QAM	12	7	17.29	16.94	16.94		
5	16QAM	12	13	17.08	17.05	17.00		
5	16QAM	25	0	17.06	17.29	17.06		
5	64QAM	1	0	16.93	16.94	17.01	18.5	0
5	64QAM	1	12	16.99	17.42	17.28		
5	64QAM	1	24	17.00	17.09	17.27		
5	64QAM	12	0	17.10	17.13	17.06	18.5	0
5	64QAM	12	7	17.18	17.09	17.01		
5	64QAM	12	13	17.27	17.22	17.26		
5	64QAM	25	0	16.98	17.10	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.04	20.16	20.11	21.5	0
20	QPSK	1	49	20.24	20.34	20.31		
20	QPSK	1	99	20.11	20.27	20.30		
20	QPSK	50	0	20.20	20.26	20.23	21.5	0
20	QPSK	50	24	20.22	20.32	20.29		
20	QPSK	50	50	20.19	20.23	20.25		
20	QPSK	100	0	20.24	20.30	20.27		
20	16QAM	1	0	20.27	20.30	20.29	21.5	0
20	16QAM	1	49	20.27	20.26	20.29		
20	16QAM	1	99	20.21	20.22	20.28		
20	16QAM	50	0	20.11	20.19	20.16	21.5	0
20	16QAM	50	24	20.13	20.22	20.19		
20	16QAM	50	50	20.10	20.18	20.32		
20	16QAM	100	0	20.06	20.14	20.32		
20	64QAM	1	0	20.26	19.83	20.00	21.5	0
20	64QAM	1	49	20.25	20.03	20.19		
20	64QAM	1	99	20.27	19.90	20.12		
20	64QAM	50	0	19.17	19.30	19.26	20.5	1
20	64QAM	50	24	19.23	19.33	19.23		
20	64QAM	50	50	19.20	19.29	19.43		
20	64QAM	100	0	19.17	19.28	19.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.95	20.01	20.17	21.5	0
15	QPSK	1	37	20.27	20.17	20.29		
15	QPSK	1	74	19.90	20.32	20.08		
15	QPSK	36	0	20.07	20.24	19.99	21.5	0
15	QPSK	36	20	20.13	20.10	20.29		
15	QPSK	36	39	20.26	20.14	20.20		
15	QPSK	75	0	20.03	20.26	20.19		
15	16QAM	1	0	20.24	20.13	20.34	21.5	0
15	16QAM	1	37	20.24	20.05	20.18		
15	16QAM	1	74	19.99	20.12	20.08		
15	16QAM	36	0	19.99	20.09	20.07	21.5	0
15	16QAM	36	20	20.06	20.04	20.01		
15	16QAM	36	39	19.92	20.15	20.11		
15	16QAM	75	0	20.01	19.88	20.15		
15	64QAM	1	0	20.22	19.86	19.91	21.5	0
15	64QAM	1	37	20.30	19.83	20.18		
15	64QAM	1	74	20.14	19.81	19.92		
15	64QAM	36	0	19.18	19.17	19.06	20.5	1
15	64QAM	36	20	19.20	19.32	19.02		
15	64QAM	36	39	19.27	19.20	19.48		
15	64QAM	75	0	18.99	19.01	19.30		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.04	20.05	20.16	21.5	0
10	QPSK	1	25	20.30	20.31	20.28		
10	QPSK	1	49	20.07	20.27	20.31		
10	QPSK	25	0	19.99	20.24	20.13	21.5	0
10	QPSK	25	12	20.24	20.13	20.25		
10	QPSK	25	25	20.08	20.22	20.07		
10	QPSK	50	0	20.14	20.05	20.26		
10	16QAM	1	0	20.18	20.22	20.22	21.5	0
10	16QAM	1	25	20.10	20.33	20.15		
10	16QAM	1	49	20.11	20.10	20.12		
10	16QAM	25	0	19.95	19.91	19.99	21.5	0
10	16QAM	25	12	20.06	20.13	20.12		
10	16QAM	25	25	20.05	20.20	20.12		
10	16QAM	50	0	20.03	19.90	20.11		
10	64QAM	1	0	20.27	19.85	19.77	21.5	0
10	64QAM	1	25	20.03	19.78	20.15		
10	64QAM	1	49	20.22	19.83	19.89		
10	64QAM	25	0	19.11	19.29	19.12	20.5	1
10	64QAM	25	12	19.29	19.29	19.13		
10	64QAM	25	25	19.03	19.29	19.24		
10	64QAM	50	0	19.07	19.28	19.28		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.90	19.94	20.17	21.5	0
5	QPSK	1	12	19.97	20.08	20.07		
5	QPSK	1	24	19.99	20.33	20.16		
5	QPSK	12	0	20.27	20.31	20.20	21.5	0
5	QPSK	12	7	20.11	20.26	20.11		
5	QPSK	12	13	20.00	20.18	20.13		
5	QPSK	25	0	20.23	20.24	20.04		
5	16QAM	1	0	20.25	20.24	20.06	21.5	0
5	16QAM	1	12	20.33	20.02	20.18		
5	16QAM	1	24	20.04	19.96	20.02		
5	16QAM	12	0	19.94	19.91	20.05	21.5	0
5	16QAM	12	7	20.01	20.30	20.17		
5	16QAM	12	13	19.98	20.18	20.20		
5	16QAM	25	0	19.90	19.94	20.22		
5	64QAM	1	0	20.09	19.81	20.04	21.5	0
5	64QAM	1	12	19.98	19.77	19.96		
5	64QAM	1	24	20.22	19.88	19.84		
5	64QAM	12	0	19.12	19.09	19.25	20.5	1
5	64QAM	12	7	19.08	19.17	18.97		
5	64QAM	12	13	19.28	19.18	19.41		
5	64QAM	25	0	19.20	19.18	19.41		

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BW [MHz]	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	23.30	23.29	23.32	24.5	0
10	QPSK	1	25	23.42	23.45	23.41		
10	QPSK	1	49	23.41	23.40	23.37		
10	QPSK	25	0	22.34	22.35	22.22	23.5	1
10	QPSK	25	12	22.39	22.48	22.35		
10	QPSK	25	25	22.37	22.41	22.24		
10	QPSK	50	0	22.34	22.47	22.25		
10	16QAM	1	0	22.53	22.53	22.55	23.5	1
10	16QAM	1	25	22.61	22.66	22.60		
10	16QAM	1	49	22.66	22.58	22.58		
10	16QAM	25	0	21.35	21.39	21.22	22.5	2
10	16QAM	25	12	21.36	21.37	21.35		
10	16QAM	25	25	21.35	21.55	21.24		
10	16QAM	50	0	21.40	21.46	21.21		
10	64QAM	1	0	21.40	21.39	21.47	22.5	2
10	64QAM	1	25	21.47	21.51	21.47		
10	64QAM	1	49	21.52	21.48	21.48		
10	64QAM	25	0	20.50	20.52	20.39	21.5	3
10	64QAM	25	12	20.50	20.55	20.51		
10	64QAM	25	25	20.49	20.70	20.39		
10	64QAM	50	0	20.52	20.61	20.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.31	23.37	23.24	24.5	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	23.32	23.42	23.24		
5	QPSK	12	0	22.33	22.34	22.36	23.5	1
5	QPSK	12	7	22.42	22.37	22.34		
5	QPSK	12	13	22.36	22.45	22.14		
5	QPSK	25	0	22.32	22.39	22.31		
5	16QAM	1	0	22.55	22.55	22.56	23.5	1
5	16QAM	1	12	22.64	22.70	22.51		
5	16QAM	1	24	22.66	22.66	22.57		
5	16QAM	12	0	21.34	21.36	21.27	22.5	2
5	16QAM	12	7	21.37	21.44	21.27		
5	16QAM	12	13	21.33	21.41	21.09		
5	16QAM	25	0	21.35	21.46	21.26		
5	64QAM	1	0	21.36	21.40	21.29	22.5	2
5	64QAM	1	12	21.41	21.48	21.37		
5	64QAM	1	24	21.48	21.51	21.27		
5	64QAM	12	0	20.47	20.51	20.41	21.5	3
5	64QAM	12	7	20.52	20.56	20.41		
5	64QAM	12	13	20.52	20.60	20.30		
5	64QAM	25	0	20.52	20.52	20.34		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.36	23.39	23.15	24.5	0
3	QPSK	1	8	23.32	23.36	23.19		
3	QPSK	1	14	23.39	23.41	23.17		
3	QPSK	8	0	22.33	22.35	22.30	23.5	1
3	QPSK	8	4	22.41	22.40	22.28		
3	QPSK	8	7	22.37	22.36	22.27		
3	QPSK	15	0	22.31	22.37	22.31		
3	16QAM	1	0	22.34	22.33	22.32	23.5	1
3	16QAM	1	8	22.45	22.37	22.39		
3	16QAM	1	14	22.43	22.43	22.60		
3	16QAM	8	0	21.35	21.40	21.27	22.5	2
3	16QAM	8	4	21.44	21.35	21.17		
3	16QAM	8	7	21.39	21.50	21.32		
3	16QAM	15	0	21.26	21.37	21.35		
3	64QAM	1	0	21.33	21.60	21.49	22.5	2
3	64QAM	1	8	21.37	21.68	21.53		
3	64QAM	1	14	21.41	21.66	21.54		
3	64QAM	8	0	20.54	20.61	20.51	21.5	3
3	64QAM	8	4	20.54	20.60	20.50		
3	64QAM	8	7	20.57	20.60	20.46		
3	64QAM	15	0	20.51	20.44	20.44		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.42	23.36	23.43	24.5	0
1.4	QPSK	1	3	23.43	23.34	23.43		
1.4	QPSK	1	5	23.32	23.30	23.33		
1.4	QPSK	3	0	23.40	23.28	23.29		
1.4	QPSK	3	1	23.36	23.32	23.31		
1.4	QPSK	3	3	23.30	23.36	23.31		
1.4	QPSK	6	0	22.43	22.38	22.23	23.5	1
1.4	16QAM	1	0	22.94	22.92	22.42	23.5	1
1.4	16QAM	1	3	22.92	22.95	22.59		
1.4	16QAM	1	5	22.87	22.64	22.46		
1.4	16QAM	3	0	22.36	22.31	22.31		
1.4	16QAM	3	1	22.39	22.42	22.36		
1.4	16QAM	3	3	22.42	22.36	22.37		
1.4	16QAM	6	0	21.46	21.44	21.33	22.5	2
1.4	64QAM	1	0	21.39	21.45	21.27	22.5	2
1.4	64QAM	1	3	21.40	21.49	21.25		
1.4	64QAM	1	5	21.18	21.49	21.23		
1.4	64QAM	3	0	21.36	21.57	21.11		
1.4	64QAM	3	1	21.36	21.57	21.12		
1.4	64QAM	3	3	21.44	21.50	21.38		
1.4	64QAM	6	0	20.48	20.48	20.34	21.5	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	23.40	23.51	23.33	24.5	0
10	QPSK	1	25	23.50	23.54	23.48		
10	QPSK	1	49	23.47	23.50	23.47		
10	QPSK	25	0	22.43	22.40	22.29	23.5	1
10	QPSK	25	12	22.45	22.48	22.31		
10	QPSK	25	25	22.44	22.41	22.27		
10	QPSK	50	0	22.46	22.48	22.33		
10	16QAM	1	0	22.80	22.75	22.84	23.5	1
10	16QAM	1	25	22.82	22.85	22.84		
10	16QAM	1	49	22.86	22.84	22.85		
10	16QAM	25	0	21.40	21.32	21.31	22.5	2
10	16QAM	25	12	21.35	21.37	21.48		
10	16QAM	25	25	21.42	21.50	21.36		
10	16QAM	50	0	21.49	21.45	21.27		
10	64QAM	1	0	21.59	21.40	21.61	22.5	2
10	64QAM	1	25	21.62	21.57	21.65		
10	64QAM	1	49	21.73	21.47	21.60		
10	64QAM	25	0	20.57	20.52	20.48	21.5	3
10	64QAM	25	12	20.57	20.61	20.57		
10	64QAM	25	25	20.62	20.67	20.41		
10	64QAM	50	0	20.55	20.57	20.38		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.29	23.37	23.36	24.5	0
5	QPSK	1	12	23.43	23.38	23.39		
5	QPSK	1	24	23.45	23.45	23.43		
5	QPSK	12	0	22.27	22.27	22.28	23.5	1
5	QPSK	12	7	22.33	22.35	22.22		
5	QPSK	12	13	22.31	22.33	22.13		
5	QPSK	25	0	22.30	22.32	22.22		
5	16QAM	1	0	22.71	22.68	22.70	23.5	1
5	16QAM	1	12	22.83	22.74	22.72		
5	16QAM	1	24	22.74	22.86	22.65		
5	16QAM	12	0	21.28	21.27	21.22	22.5	2
5	16QAM	12	7	21.35	21.34	21.19		
5	16QAM	12	13	21.27	21.42	21.06		
5	16QAM	25	0	21.31	21.29	21.26		
5	64QAM	1	0	21.63	21.55	20.93	22.5	2
5	64QAM	1	12	21.56	21.25	21.32		
5	64QAM	1	24	21.55	21.17	21.01		
5	64QAM	12	0	20.44	20.41	20.42	21.5	3
5	64QAM	12	7	20.45	20.41	20.44		
5	64QAM	12	13	20.46	20.51	20.33		
5	64QAM	25	0	20.47	20.46	20.44		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.23	23.27	23.29	24.5	0
3	QPSK	1	8	23.22	23.28	23.30		
3	QPSK	1	14	23.32	23.31	23.32		
3	QPSK	8	0	22.24	22.28	22.17	23.5	1
3	QPSK	8	4	22.27	22.37	22.18		
3	QPSK	8	7	22.24	22.30	22.17		
3	QPSK	15	0	22.26	22.23	22.25		
3	16QAM	1	0	22.57	22.57	22.56	23.5	1
3	16QAM	1	8	22.55	22.62	22.56		
3	16QAM	1	14	22.66	22.63	22.51		
3	16QAM	8	0	21.25	21.24	21.20	22.5	2
3	16QAM	8	4	21.24	21.28	21.28		
3	16QAM	8	7	21.27	21.26	21.27		
3	16QAM	15	0	21.33	21.36	21.09		
3	64QAM	1	0	21.28	21.58	21.40	22.5	2
3	64QAM	1	8	21.31	21.32	21.24		
3	64QAM	1	14	21.36	21.32	21.22		
3	64QAM	8	0	20.48	20.49	20.36	21.5	3
3	64QAM	8	4	20.46	20.50	20.37		
3	64QAM	8	7	20.41	20.51	20.52		
3	64QAM	15	0	20.43	20.50	20.38		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.22	23.27	23.02	24.5	0
1.4	QPSK	1	3	23.22	23.25	23.07		
1.4	QPSK	1	5	23.25	23.17	23.05		
1.4	QPSK	3	0	23.31	23.29	23.15		
1.4	QPSK	3	1	23.30	23.35	23.24		
1.4	QPSK	3	3	23.29	23.31	23.15		
1.4	QPSK	6	0	22.30	22.27	22.25	23.5	1
1.4	16QAM	1	0	22.41	22.22	22.03	23.5	1
1.4	16QAM	1	3	22.42	22.27	22.02		
1.4	16QAM	1	5	22.42	22.23	22.05		
1.4	16QAM	3	0	22.42	22.33	22.27		
1.4	16QAM	3	1	22.37	22.35	22.35		
1.4	16QAM	3	3	22.31	22.32	22.23		
1.4	16QAM	6	0	21.27	21.21	21.22	22.5	2
1.4	64QAM	1	0	21.56	21.67	21.45	22.5	2
1.4	64QAM	1	3	21.50	21.64	21.48		
1.4	64QAM	1	5	21.53	21.55	21.20		
1.4	64QAM	3	0	21.49	21.50	21.22		
1.4	64QAM	3	1	21.48	21.52	21.23		
1.4	64QAM	3	3	21.46	21.54	21.27		
1.4	64QAM	6	0	20.48	20.45	20.31	21.5	3

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	23.29	23.29	23.27	24.5	0
10	QPSK	1	25	23.43	23.44	23.42		
10	QPSK	1	49	23.40	23.38	23.38		
10	QPSK	25	0	22.25	22.18	22.14	23.5	1
10	QPSK	25	12	22.32	22.40	22.36		
10	QPSK	25	25	22.28	22.32	22.30		
10	QPSK	50	0	22.30	22.35	22.22		
10	16QAM	1	0	22.54	22.52	22.51	23.5	1
10	16QAM	1	25	22.69	22.63	22.60		
10	16QAM	1	49	22.57	22.56	22.54		
10	16QAM	25	0	21.27	21.22	21.15	22.5	2
10	16QAM	25	12	21.32	21.34	21.36		
10	16QAM	25	25	21.47	21.34	21.19		
10	16QAM	50	0	21.38	21.25	21.16		
10	64QAM	1	0	21.38	21.37	21.42	22.5	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.45	21.45	21.49		
10	64QAM	25	0	20.42	20.37	20.34	21.5	3
10	64QAM	25	12	20.47	20.51	20.52		
10	64QAM	25	25	20.63	20.49	20.36		
10	64QAM	50	0	20.51	20.43	20.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.38	23.38	23.24	24.5	0
5	QPSK	1	12	23.39	23.39	23.42		
5	QPSK	1	24	23.42	23.31	23.21		
5	QPSK	12	0	22.39	22.28	22.32	23.5	1
5	QPSK	12	7	22.35	22.33	22.31		
5	QPSK	12	13	22.38	22.38	22.11		
5	QPSK	25	0	22.35	22.39	22.28		
5	16QAM	1	0	22.57	22.67	22.59	23.5	1
5	16QAM	1	12	22.60	22.62	22.68		
5	16QAM	1	24	22.64	22.65	22.48		
5	16QAM	12	0	21.39	21.23	21.25	22.5	2
5	16QAM	12	7	21.35	21.22	21.26		
5	16QAM	12	13	21.41	21.34	21.06		
5	16QAM	25	0	21.36	21.33	21.19		
5	64QAM	1	0	21.31	21.34	21.50	22.5	2
5	64QAM	1	12	21.44	21.40	21.59		
5	64QAM	1	24	21.49	21.39	21.57		
5	64QAM	12	0	20.60	20.42	20.48	21.5	3
5	64QAM	12	7	20.49	20.46	20.39		
5	64QAM	12	13	20.53	20.49	20.29		
5	64QAM	25	0	20.49	20.50	20.34		

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BW [MHz]	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	23.38	23.28	23.35	24.5	0
10	QPSK	1	25	23.43	23.52	23.47		
10	QPSK	1	49	23.39	23.46	23.43		
10	QPSK	25	0	22.27	22.24	22.22	23.5	1
10	QPSK	25	12	22.35	22.40	22.39		
10	QPSK	25	25	22.31	22.30	22.24		
10	QPSK	50	0	22.10	22.39	22.30		
10	16QAM	1	0	22.46	22.71	22.77	23.5	1
10	16QAM	1	25	22.86	22.78	22.88		
10	16QAM	1	49	22.49	22.72	22.86		
10	16QAM	25	0	21.28	21.28	21.22	22.5	2
10	16QAM	25	12	21.34	21.44	21.38		
10	16QAM	25	25	21.29	21.32	21.27		
10	16QAM	50	0	21.30	21.27	21.28		
10	64QAM	1	0	21.57	21.27	21.23	22.5	2
10	64QAM	1	25	21.64	21.66	21.44		
10	64QAM	1	49	21.73	21.68	21.46		
10	64QAM	25	0	20.44	20.46	20.43	21.5	3
10	64QAM	25	12	20.46	20.57	20.61		
10	64QAM	25	25	20.65	20.54	20.41		
10	64QAM	50	0	20.46	20.51	20.45		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.30	23.35	23.30	24.5	0
5	QPSK	1	12	23.30	23.44	23.25		
5	QPSK	1	24	23.36	23.37	23.25		
5	QPSK	12	0	22.21	22.30	22.31	23.5	1
5	QPSK	12	7	22.26	22.37	22.40		
5	QPSK	12	13	22.39	22.34	22.15		
5	QPSK	25	0	22.28	22.36	22.21		
5	16QAM	1	0	22.20	22.34	22.34	23.5	1
5	16QAM	1	12	22.23	22.41	22.37		
5	16QAM	1	24	22.30	22.31	22.35		
5	16QAM	12	0	21.43	21.28	21.28	22.5	2
5	16QAM	12	7	21.31	21.30	21.24		
5	16QAM	12	13	21.36	21.27	21.11		
5	16QAM	25	0	21.32	21.31	21.24		
5	64QAM	1	0	21.74	21.40	21.52	22.5	2
5	64QAM	1	12	21.73	21.36	21.54		
5	64QAM	1	24	21.70	21.40	21.50		
5	64QAM	12	0	20.62	20.45	20.56	21.5	3
5	64QAM	12	7	20.62	20.43	20.50		
5	64QAM	12	13	20.67	20.39	20.42		
5	64QAM	25	0	20.49	20.47	20.32		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.81	19.80	19.73	20.9	0
20	QPSK	1	49	19.97	19.94	19.89		
20	QPSK	1	99	19.92	19.87	19.86		
20	QPSK	50	0	19.83	19.89	19.80	20.9	0
20	QPSK	50	24	19.95	19.92	19.87		
20	QPSK	50	50	19.93	19.89	19.83		
20	QPSK	100	0	19.94	19.81	19.89		
20	16QAM	1	0	19.78	19.74	19.73	20.9	0
20	16QAM	1	49	19.82	19.89	19.90		
20	16QAM	1	99	19.81	19.85	19.81		
20	16QAM	50	0	19.88	19.93	19.88	20.9	0
20	16QAM	50	24	19.87	19.92	19.94		
20	16QAM	50	50	19.96	19.93	19.90		
20	16QAM	100	0	19.89	19.88	19.89		
20	64QAM	1	0	19.70	19.75	19.66	20.9	0
20	64QAM	1	49	19.84	19.90	19.77		
20	64QAM	1	99	19.82	19.76	19.75		
20	64QAM	50	0	19.35	19.35	19.30	20.4	0.5
20	64QAM	50	24	19.39	19.38	19.38		
20	64QAM	50	50	19.44	19.34	19.40		
20	64QAM	100	0	19.39	19.37	19.34		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.89	19.83	19.65	20.9	0
15	QPSK	1	37	19.93	19.96	19.85		
15	QPSK	1	74	19.81	19.65	19.65		
15	QPSK	36	0	19.78	19.74	19.61	20.9	0
15	QPSK	36	20	19.85	19.83	19.93		
15	QPSK	36	39	19.92	19.94	19.86		
15	QPSK	75	0	19.75	19.60	19.77		
15	16QAM	1	0	19.62	19.53	19.70	20.9	0
15	16QAM	1	37	19.65	19.69	19.81		
15	16QAM	1	74	19.53	19.82	19.59		
15	16QAM	36	0	19.78	19.72	19.69	20.9	0
15	16QAM	36	20	19.70	19.92	19.94		
15	16QAM	36	39	19.70	19.76	19.65		
15	16QAM	75	0	19.90	19.73	19.62		
15	64QAM	1	0	19.66	19.65	19.59	20.9	0
15	64QAM	1	37	19.83	19.92	19.76		
15	64QAM	1	74	19.65	19.55	19.48		
15	64QAM	36	0	19.13	19.18	19.29	20.4	0.5
15	64QAM	36	20	19.24	19.12	19.28		
15	64QAM	36	39	19.34	19.11	19.13		
15	64QAM	75	0	19.45	19.15	19.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.83	19.70	19.46	20.9	0
10	QPSK	1	25	19.95	19.84	19.86		
10	QPSK	1	49	19.92	19.63	19.82		
10	QPSK	25	0	19.84	19.95	19.81	20.9	0
10	QPSK	25	12	19.82	19.77	19.89		
10	QPSK	25	25	19.92	19.85	19.75		
10	QPSK	50	0	19.90	19.54	19.93		
10	16QAM	1	0	19.70	19.80	19.70	20.9	0
10	16QAM	1	25	19.72	19.72	19.86		
10	16QAM	1	49	19.59	19.69	19.76		
10	16QAM	25	0	19.75	19.95	19.64	20.9	0
10	16QAM	25	12	19.77	19.97	19.85		
10	16QAM	25	25	19.75	19.94	19.72		
10	16QAM	50	0	19.84	19.68	19.76		
10	64QAM	1	0	19.74	19.61	19.55	20.9	0
10	64QAM	1	25	19.57	19.94	19.71		
10	64QAM	1	49	19.65	19.69	19.49		
10	64QAM	25	0	19.20	19.37	19.27	20.4	0.5
10	64QAM	25	12	19.22	19.32	19.38		
10	64QAM	25	25	19.46	19.29	19.23		
10	64QAM	50	0	19.29	19.22	19.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.55	19.60	19.74	20.9	0
5	QPSK	1	12	19.79	19.90	19.96		
5	QPSK	1	24	19.95	19.66	19.59		
5	QPSK	12	0	19.60	19.74	19.66	20.9	0
5	QPSK	12	7	19.79	19.75	19.95		
5	QPSK	12	13	19.75	19.74	19.55		
5	QPSK	25	0	19.85	19.63	19.91		
5	16QAM	1	0	19.80	19.75	19.63	20.9	0
5	16QAM	1	12	19.57	19.92	19.83		
5	16QAM	1	24	19.67	19.82	19.76		
5	16QAM	12	0	19.86	19.65	19.96	20.9	0
5	16QAM	12	7	19.75	19.95	19.87		
5	16QAM	12	13	19.68	19.67	19.68		
5	16QAM	25	0	19.85	19.77	19.72		
5	64QAM	1	0	19.64	19.53	19.63	20.9	0
5	64QAM	1	12	19.86	19.87	19.55		
5	64QAM	1	24	19.69	19.58	19.78		
5	64QAM	12	0	19.30	19.13	19.37	20.4	0.5
5	64QAM	12	7	19.25	19.37	19.38		
5	64QAM	12	13	19.51	19.37	19.43		
5	64QAM	25	0	19.16	19.16	19.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.54	22.54	22.45	23.8	0
20	QPSK	1	49	22.78	22.72	22.64		
20	QPSK	1	99	22.57	22.64	22.63		
20	QPSK	50	0	21.74	21.74	21.70	22.8	1
20	QPSK	50	24	21.85	21.84	21.79		
20	QPSK	50	50	21.72	21.77	21.78		
20	QPSK	100	0	21.82	21.74	21.72		
20	16QAM	1	0	21.80	21.75	21.77	22.8	1
20	16QAM	1	49	22.03	21.99	21.92		
20	16QAM	1	99	21.82	21.90	21.83		
20	16QAM	50	0	20.75	20.77	20.75	21.8	2
20	16QAM	50	24	20.81	20.85	20.78		
20	16QAM	50	50	20.80	20.81	20.76		
20	16QAM	100	0	20.74	20.77	20.74		
20	64QAM	1	0	20.63	20.65	20.58	21.8	2
20	64QAM	1	49	20.80	20.83	20.78		
20	64QAM	1	99	20.63	20.74	20.65		
20	64QAM	50	0	19.69	19.71	19.68	20.8	3
20	64QAM	50	24	19.73	19.77	19.74		
20	64QAM	50	50	19.71	19.74	19.73		
20	64QAM	100	0	19.70	19.73	19.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.64	22.66	22.64	23.8	0
15	QPSK	1	37	22.73	22.76	22.77		
15	QPSK	1	74	22.75	22.66	22.69		
15	QPSK	36	0	21.72	21.71	21.69	22.8	1
15	QPSK	36	20	21.74	21.73	21.68		
15	QPSK	36	39	21.71	21.70	21.70		
15	QPSK	75	0	21.74	21.68	21.73		
15	16QAM	1	0	21.81	21.81	21.75	22.8	1
15	16QAM	1	37	21.89	21.89	21.89		
15	16QAM	1	74	21.93	21.82	21.84		
15	16QAM	36	0	20.70	20.69	20.65	21.8	2
15	16QAM	36	20	20.69	20.72	20.66		
15	16QAM	36	39	20.73	20.69	20.69		
15	16QAM	75	0	20.74	20.73	20.71		
15	64QAM	1	0	20.67	20.67	20.59	21.8	2
15	64QAM	1	37	20.77	20.80	20.83		
15	64QAM	1	74	20.76	20.69	20.71		
15	64QAM	36	0	19.69	19.69	19.67	20.8	3
15	64QAM	36	20	19.68	19.72	19.70		
15	64QAM	36	39	19.70	19.71	19.69		
15	64QAM	75	0	19.70	19.67	19.67		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.61	22.65	22.59	23.8	0
10	QPSK	1	25	22.71	22.66	22.67		
10	QPSK	1	49	22.69	22.64	22.63		
10	QPSK	25	0	21.75	21.78	21.75	22.8	1
10	QPSK	25	12	21.71	21.76	21.73		
10	QPSK	25	25	21.72	21.70	21.79		
10	QPSK	50	0	21.75	21.73	21.78		
10	16QAM	1	0	21.84	21.90	21.84	22.8	1
10	16QAM	1	25	21.90	21.89	21.90		
10	16QAM	1	49	21.87	21.85	21.88		
10	16QAM	25	0	20.76	20.79	20.76	21.8	2
10	16QAM	25	12	20.79	20.74	20.76		
10	16QAM	25	25	20.75	20.74	20.80		
10	16QAM	50	0	20.76	20.78	20.79		
10	64QAM	1	0	20.73	20.71	20.67	21.8	2
10	64QAM	1	25	20.74	20.74	20.74		
10	64QAM	1	49	20.69	20.71	20.72		
10	64QAM	25	0	19.78	19.82	19.77	20.8	3
10	64QAM	25	12	19.77	19.77	19.81		
10	64QAM	25	25	19.74	19.75	19.83		
10	64QAM	50	0	19.71	19.70	19.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.66	22.62	22.62	23.8	0
5	QPSK	1	12	22.71	22.66	22.66		
5	QPSK	1	24	22.67	22.67	22.68		
5	QPSK	12	0	21.78	21.78	21.75	22.8	1
5	QPSK	12	7	21.73	21.69	21.80		
5	QPSK	12	13	21.70	21.75	21.72		
5	QPSK	25	0	21.77	21.76	21.76		
5	16QAM	1	0	21.89	21.89	21.86	22.8	1
5	16QAM	1	12	21.91	21.89	21.91		
5	16QAM	1	24	21.86	21.88	21.87		
5	16QAM	12	0	20.76	20.76	20.76	21.8	2
5	16QAM	12	7	20.75	20.68	20.77		
5	16QAM	12	13	20.70	20.74	20.71		
5	16QAM	25	0	20.78	20.81	20.80		
5	64QAM	1	0	20.73	20.77	20.73	21.8	2
5	64QAM	1	12	20.77	20.70	20.74		
5	64QAM	1	24	20.73	20.73	20.78		
5	64QAM	12	0	19.75	19.81	19.72	20.8	3
5	64QAM	12	7	19.73	19.70	19.75		
5	64QAM	12	13	19.75	19.73	19.73		
5	64QAM	25	0	19.75	19.81	19.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.77	19.70	19.73	19.77	19.65	20.9	0
20	QPSK	1	49	19.92	19.91	19.99	19.88	19.82		
20	QPSK	1	99	19.75	19.80	19.82	19.85	19.74		
20	QPSK	50	0	19.83	19.82	19.90	19.84	19.75	20.9	0
20	QPSK	50	24	19.90	19.89	19.97	19.86	19.80		
20	QPSK	50	50	19.84	19.87	19.92	19.84	19.78		
20	QPSK	100	0	19.87	19.85	19.95	19.83	19.79		
20	16QAM	1	0	19.79	19.73	19.78	19.75	19.70	20.9	0
20	16QAM	1	49	19.85	19.90	19.91	19.87	19.80		
20	16QAM	1	99	19.73	19.79	19.85	19.79	19.70		
20	16QAM	50	0	19.87	19.88	19.87	19.90	19.79	20.9	0
20	16QAM	50	24	19.84	19.92	19.93	19.95	19.87		
20	16QAM	50	50	19.84	19.90	19.94	19.92	19.88		
20	16QAM	100	0	19.82	19.81	19.88	19.90	19.83		
20	64QAM	1	0	19.78	19.71	19.77	19.76	19.70	20.9	0
20	64QAM	1	49	19.93	19.93	19.97	19.94	19.83		
20	64QAM	1	99	19.81	19.76	19.87	19.91	19.71		
20	64QAM	50	0	19.38	19.40	19.43	19.42	19.39	20.4	0.5
20	64QAM	50	24	19.45	19.45	19.50	19.54	19.43		
20	64QAM	50	50	19.43	19.45	19.46	19.47	19.46		
20	64QAM	100	0	19.45	19.43	19.50	19.45	19.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.70	19.67	19.63	19.57	19.71	20.9	0
15	QPSK	1	37	19.72	19.82	19.95	19.93	19.79		
15	QPSK	1	74	19.57	19.67	19.75	19.90	19.52		
15	QPSK	36	0	19.70	19.87	19.85	19.73	19.76	20.9	0
15	QPSK	36	20	19.79	19.82	19.73	19.72	19.87		
15	QPSK	36	39	19.72	19.77	19.87	19.66	19.70		
15	QPSK	75	0	19.86	19.75	19.92	19.89	19.86		
15	16QAM	1	0	19.82	19.52	19.74	19.70	19.73	20.9	0
15	16QAM	1	37	19.67	19.82	19.98	19.80	19.88		
15	16QAM	1	74	19.61	19.57	19.62	19.72	19.66		
15	16QAM	36	0	19.83	19.82	19.61	19.65	19.65	20.9	0
15	16QAM	36	20	19.88	19.73	19.78	19.72	19.76		
15	16QAM	36	39	19.83	19.75	19.91	19.87	19.85		
15	16QAM	75	0	19.80	19.53	19.76	19.69	19.91		
15	64QAM	1	0	19.56	19.53	19.54	19.73	19.69	20.9	0
15	64QAM	1	37	19.71	19.94	19.91	19.98	19.69		
15	64QAM	1	74	19.83	19.64	19.60	19.80	19.74		
15	64QAM	36	0	19.40	19.42	19.45	19.32	19.39	20.4	0.5
15	64QAM	36	20	19.34	19.21	19.42	19.42	19.44		
15	64QAM	36	39	19.35	19.43	19.43	19.40	19.33		
15	64QAM	75	0	19.46	19.38	19.51	19.31	19.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.59	19.71	19.52	19.66	19.67	20.9	0
10	QPSK	1	25	19.70	19.64	19.89	19.72	19.70		
10	QPSK	1	49	19.59	19.83	19.89	19.78	19.53		
10	QPSK	25	0	19.83	19.56	19.74	19.75	19.68	20.9	0
10	QPSK	25	12	19.78	19.66	19.98	19.64	19.73		
10	QPSK	25	25	19.81	19.64	19.70	19.91	19.57		
10	QPSK	50	0	19.73	19.89	19.85	19.61	19.70		
10	16QAM	1	0	19.81	19.49	19.86	19.49	19.67	20.9	0
10	16QAM	1	25	19.90	19.86	19.99	19.87	19.83		
10	16QAM	1	49	19.60	19.61	19.63	19.82	19.49		
10	16QAM	25	0	19.63	19.65	19.95	19.64	19.61	20.9	0
10	16QAM	25	12	19.85	19.81	19.90	19.98	19.86		
10	16QAM	25	25	19.85	19.96	19.76	19.72	19.83		
10	16QAM	50	0	19.81	19.89	19.84	19.66	19.63		
10	64QAM	1	0	19.55	19.49	19.59	19.77	19.58	20.9	0
10	64QAM	1	25	19.65	19.78	19.92	19.80	19.63		
10	64QAM	1	49	19.86	19.57	19.73	19.98	19.67		
10	64QAM	25	0	19.36	19.40	19.32	19.33	19.17	20.4	0.5
10	64QAM	25	12	19.25	19.28	19.36	19.60	19.25		
10	64QAM	25	25	19.32	19.29	19.24	19.20	19.23		
10	64QAM	50	0	19.28	19.26	19.46	19.53	19.35		
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	19.67	19.76	19.66	19.57	19.62	20.9	0
5	QPSK	1	12	19.68	19.94	19.91	19.73	19.65		
5	QPSK	1	24	19.68	19.77	19.67	19.86	19.67		
5	QPSK	12	0	19.80	19.83	19.85	19.57	19.75	20.9	0
5	QPSK	12	7	19.76	19.79	19.93	19.78	19.82		
5	QPSK	12	13	19.79	19.86	19.86	19.68	19.84		
5	QPSK	25	0	19.82	19.93	19.81	19.65	19.56		
5	16QAM	1	0	19.73	19.51	19.86	19.49	19.47	20.9	0
5	16QAM	1	12	19.85	19.62	19.70	19.88	19.55		
5	16QAM	1	24	19.81	19.83	19.92	19.72	19.62		
5	16QAM	12	0	19.86	19.91	19.89	19.89	19.79	20.9	0
5	16QAM	12	7	19.64	19.83	19.92	19.76	19.70		
5	16QAM	12	13	19.74	19.95	19.91	19.69	19.75		
5	16QAM	25	0	19.89	19.81	19.82	19.84	19.77		
5	64QAM	1	0	19.53	19.68	19.76	19.61	19.48	20.9	0
5	64QAM	1	12	19.68	19.73	19.74	19.67	19.80		
5	64QAM	1	24	19.73	19.73	19.70	19.73	19.49		
5	64QAM	12	0	19.25	19.36	19.19	19.28	19.20	20.4	0.5
5	64QAM	12	7	19.37	19.24	19.25	19.38	19.44		
5	64QAM	12	13	19.36	19.28	19.44	19.22	19.19		
5	64QAM	25	0	19.50	19.26	19.47	19.51	19.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.40	22.35	22.51	22.54	22.60	23.8	0
20	QPSK	1	49	22.46	22.51	22.82	22.71	22.78		
20	QPSK	1	99	22.39	22.48	22.60	22.64	22.59		
20	QPSK	50	0	21.46	21.63	21.77	21.77	21.79	22.8	1
20	QPSK	50	24	21.67	21.65	21.83	21.80	21.81		
20	QPSK	50	50	21.63	21.62	21.74	21.78	21.77		
20	QPSK	100	0	21.53	21.62	21.79	21.74	21.76		
20	16QAM	1	0	21.52	21.59	21.74	21.77	21.85	22.8	1
20	16QAM	1	49	21.72	21.81	22.01	21.94	22.07		
20	16QAM	1	99	21.59	21.72	21.84	21.86	21.89		
20	16QAM	50	0	20.46	20.57	20.76	20.79	20.81	21.8	2
20	16QAM	50	24	20.58	20.63	20.81	20.85	20.93		
20	16QAM	50	50	20.63	20.64	20.81	20.82	20.86		
20	16QAM	100	0	20.57	20.59	20.76	20.78	20.80		
20	64QAM	1	0	20.38	20.44	20.59	20.65	20.71	21.8	2
20	64QAM	1	49	20.60	20.72	20.79	20.77	20.86		
20	64QAM	1	99	20.46	20.56	20.66	20.72	20.75		
20	64QAM	50	0	19.40	19.56	19.73	19.71	19.76	20.8	3
20	64QAM	50	24	19.53	19.58	19.76	19.80	19.84		
20	64QAM	50	50	19.57	19.59	19.74	19.75	19.79		
20	64QAM	100	0	19.52	19.59	19.74	19.71	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.47	22.58	22.66	22.62	22.61	23.8	0
15	QPSK	1	37	22.59	22.75	22.81	22.79	22.65		
15	QPSK	1	74	22.53	22.66	22.69	22.65	22.64		
15	QPSK	36	0	21.45	21.62	21.69	21.68	21.70	22.8	1
15	QPSK	36	20	21.55	21.64	21.69	21.73	21.70		
15	QPSK	36	39	21.54	21.65	21.72	21.69	21.68		
15	QPSK	75	0	21.55	21.64	21.73	21.76	21.73		
15	16QAM	1	0	21.62	21.76	21.83	21.76	21.74	22.8	1
15	16QAM	1	37	21.79	21.90	21.90	21.90	21.83		
15	16QAM	1	74	21.68	21.80	21.85	21.82	21.75		
15	16QAM	36	0	20.45	20.63	20.69	20.67	20.64	21.8	2
15	16QAM	36	20	20.55	20.62	20.73	20.75	20.64		
15	16QAM	36	39	20.55	20.61	20.71	20.73	20.68		
15	16QAM	75	0	20.53	20.61	20.74	20.73	20.65		
15	64QAM	1	0	20.47	20.55	20.65	20.63	20.59	21.8	2
15	64QAM	1	37	20.64	20.70	20.79	20.72	20.68		
15	64QAM	1	74	20.55	20.65	20.67	20.70	20.57		
15	64QAM	36	0	19.43	19.60	19.70	19.65	19.69	20.8	3
15	64QAM	36	20	19.52	19.62	19.68	19.72	19.64		
15	64QAM	36	39	19.54	19.62	19.68	19.67	19.66		
15	64QAM	75	0	19.53	19.62	19.70	19.71	19.62		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.54	22.66	22.60	22.58	23.8	0
10	QPSK	1	25	22.54	22.60	22.72	22.63	22.62		
10	QPSK	1	49	22.48	22.50	22.59	22.61	22.58		
10	QPSK	25	0	21.53	21.68	21.73	21.76	21.76	22.8	1
10	QPSK	25	12	21.53	21.62	21.74	21.84	21.73		
10	QPSK	25	25	21.56	21.65	21.74	21.75	21.77		
10	QPSK	50	0	21.53	21.64	21.75	21.79	21.73		
10	16QAM	1	0	21.75	21.78	21.89	21.87	21.83	22.8	1
10	16QAM	1	25	21.76	21.83	21.93	21.92	21.85		
10	16QAM	1	49	21.69	21.81	21.87	21.86	21.84		
10	16QAM	25	0	20.56	20.71	20.78	20.78	20.75	21.8	2
10	16QAM	25	12	20.60	20.69	20.79	20.78	20.74		
10	16QAM	25	25	20.60	20.66	20.78	20.78	20.75		
10	16QAM	50	0	20.58	20.68	20.79	20.78	20.73		
10	64QAM	1	0	20.50	20.61	20.74	20.71	20.68	21.8	2
10	64QAM	1	25	20.55	20.68	20.81	20.77	20.71		
10	64QAM	1	49	20.55	20.62	20.71	20.71	20.65		
10	64QAM	25	0	19.56	19.72	19.78	19.85	19.76	20.8	3
10	64QAM	25	12	19.60	19.70	19.77	19.79	19.80		
10	64QAM	25	25	19.58	19.67	19.79	19.79	19.72		
10	64QAM	50	0	19.49	19.64	19.71	19.77	19.68		
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	22.47	22.57	22.66	22.63	22.62	23.8	0
5	QPSK	1	12	22.57	22.66	22.72	22.65	22.65		
5	QPSK	1	24	22.51	22.64	22.67	22.68	22.65		
5	QPSK	12	0	21.55	21.68	21.76	21.72	21.72	22.8	1
5	QPSK	12	7	21.56	21.64	21.76	21.72	21.77		
5	QPSK	12	13	21.57	21.69	21.67	21.70	21.70		
5	QPSK	25	0	21.57	21.70	21.74	21.74	21.71		
5	16QAM	1	0	21.64	21.78	21.87	21.84	21.83	22.8	1
5	16QAM	1	12	21.67	21.84	21.88	21.83	21.82		
5	16QAM	1	24	21.73	21.81	21.89	21.88	21.84		
5	16QAM	12	0	20.54	20.69	20.75	20.75	20.73	21.8	2
5	16QAM	12	7	20.56	20.68	20.72	20.77	20.76		
5	16QAM	12	13	20.55	20.62	20.72	20.74	20.69		
5	16QAM	25	0	20.62	20.73	20.76	20.77	20.76		
5	64QAM	1	0	20.58	20.70	20.76	20.79	20.76	21.8	2
5	64QAM	1	12	20.64	20.66	20.87	20.80	20.73		
5	64QAM	1	24	20.54	20.70	20.78	20.77	20.67		
5	64QAM	12	0	19.53	19.68	19.74	19.77	19.76	20.8	3
5	64QAM	12	7	19.52	19.67	19.74	19.74	19.74		
5	64QAM	12	13	19.53	19.65	19.72	19.73	19.65		
5	64QAM	25	0	19.59	19.72	19.80	19.77	19.76		

Reduced Power Mode for DSI8/10

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	32.33	32.36	32.30	33.50	23.33	23.36	23.30	24.50
GPRS 1 Tx slot	32.31	32.35	32.28	33.50	23.31	23.35	23.28	24.50
GPRS 2 Tx slots	29.99	30.02	30.06	30.50	23.99	24.02	24.06	24.50
GPRS 3 Tx slots	28.01	28.02	28.08	28.50	23.75	23.76	23.82	24.24
GPRS 4 Tx slots	27.15	27.25	27.23	28.00	24.15	24.25	24.23	25.00
EDGE(GMSK 1 Tx slot)	32.10	32.13	32.18	33.50	23.10	23.13	23.18	24.50
EDGE(GMSK 2 Tx slots)	29.96	30.02	30.06	30.50	23.96	24.02	24.06	24.50
EDGE(GMSK 3 Tx slots)	28.02	28.00	28.06	28.50	23.76	23.74	23.80	24.24
EDGE(GMSK 4 Tx slots)	27.03	27.03	27.17	28.00	24.03	24.03	24.17	25.00
EDGE 1 Tx slot	26.81	26.76	26.73	27.50	17.81	17.76	17.73	18.50
EDGE 2 Tx slots	24.57	24.68	24.45	25.50	18.57	18.68	18.45	19.50
EDGE 3 Tx slots	22.52	22.43	22.26	23.50	18.26	18.17	18.00	19.24
EDGE 4 Tx slots	20.87	20.91	20.65	22.00	17.87	17.91	17.65	19.00

GSM850_Ant 41	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	32.35	32.26	32.35	33.50	23.35	23.26	23.35	24.50
GPRS 1 Tx slot	32.33	32.23	32.32	33.50	23.33	23.23	23.32	24.50
GPRS 2 Tx slots	29.43	29.36	29.44	30.00	23.43	23.36	23.44	24.00
GPRS 3 Tx slots	27.96	27.86	27.95	28.50	23.70	23.60	23.69	24.24
GPRS 4 Tx slots	26.94	26.95	26.93	27.50	23.94	23.95	23.93	24.50
EDGE(GMSK 1 Tx slot)	32.24	32.18	32.16	33.50	23.24	23.18	23.16	24.50
EDGE(GMSK 2 Tx slots)	29.45	29.38	29.45	30.00	23.45	23.38	23.45	24.00
EDGE(GMSK 3 Tx slots)	27.96	27.88	27.94	28.50	23.70	23.62	23.68	24.24
EDGE(GMSK 4 Tx slots)	26.93	26.86	26.92	27.50	23.93	23.86	23.92	24.50
EDGE 1 Tx slot	26.85	26.84	26.61	27.50	17.85	17.84	17.61	18.50
EDGE 2 Tx slots	24.57	24.75	24.62	25.50	18.57	18.75	18.62	19.50
EDGE 3 Tx slots	22.48	22.54	22.31	23.50	18.22	18.28	18.05	19.24
EDGE 4 Tx slots	20.97	20.99	20.76	22.00	17.97	17.99	17.76	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	28.77	28.82	28.73	30.00	19.77	19.82	19.73	21.00
GPRS 1 Tx slot	28.75	28.80	28.71	30.00	19.75	19.80	19.71	21.00
GPRS 2 Tx slots	25.45	25.49	25.28	26.00	19.45	19.49	19.28	20.00
GPRS 3 Tx slots	23.50	23.51	23.25	24.00	19.24	19.25	18.99	19.74
GPRS 4 Tx slots	21.91	21.93	21.76	22.50	18.91	18.93	18.76	19.50
EDGE(GMSK 1 Tx slot)	28.72	28.77	28.70	30.00	19.72	19.77	19.70	21.00
EDGE(GMSK 2 Tx slots)	25.50	25.52	25.37	26.00	19.50	19.52	19.37	20.00
EDGE(GMSK 3 Tx slots)	23.49	23.55	23.37	24.00	19.23	19.29	19.11	19.74
EDGE(GMSK 4 Tx slots)	21.97	22.01	21.76	22.50	18.97	19.01	18.76	19.50
EDGE 1 Tx slot	26.41	26.32	26.25	26.50	17.41	17.32	17.25	17.50
EDGE 2 Tx slots	24.47	24.21	24.15	24.50	18.47	18.21	18.15	18.50
EDGE 3 Tx slots	22.33	22.04	21.84	22.50	18.07	17.78	17.58	18.24
EDGE 4 Tx slots	20.27	20.22	19.92	21.00	17.27	17.22	16.92	18.00

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	29.00	29.07	29.03	29.50	20.00	20.07	20.03	20.50
GPRS 1 Tx slot	28.98	29.05	29.01	29.50	19.98	20.05	20.01	20.50
GPRS 2 Tx slots	24.79	24.89	24.79	25.00	18.79	18.89	18.79	19.00
GPRS 3 Tx slots	23.24	23.36	23.27	23.50	18.98	19.10	19.01	19.24
GPRS 4 Tx slots	22.17	22.26	22.17	22.50	19.17	19.26	19.17	19.50
EDGE(GMSK 1 Tx slot)	28.91	29.00	28.98	29.50	19.91	20.00	19.98	20.50
EDGE(GMSK 2 Tx slots)	24.73	24.80	24.73	25.00	18.73	18.80	18.73	19.00
EDGE(GMSK 3 Tx slots)	23.19	23.27	23.19	23.50	18.93	19.01	18.93	19.24
EDGE(GMSK 4 Tx slots)	22.12	22.17	22.08	22.50	19.12	19.17	19.08	19.50
EDGE 1 Tx slot	26.40	26.41	26.39	26.50	17.40	17.41	17.39	17.50
EDGE 2 Tx slots	24.45	24.46	24.45	24.50	18.45	18.46	18.45	18.50
EDGE 3 Tx slots	22.47	22.25	22.11	22.50	18.21	17.99	17.85	18.24
EDGE 4 Tx slots	20.73	20.58	20.57	21.00	17.73	17.58	17.57	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.65	18.71	18.55	19.80	19.82	19.84	19.71	20.70
3GPP Rel 99	RMC 12.2Kbps	18.68	18.73	18.58	19.80	19.84	19.86	19.73	20.70
3GPP Rel 6	HSDPA Subtest-1	17.84	17.82	17.65	18.80	18.99	19.01	18.88	19.70
3GPP Rel 6	HSDPA Subtest-2	17.81	17.80	17.61	18.80	19.00	18.99	18.86	19.70
3GPP Rel 6	HSDPA Subtest-3	17.36	17.33	17.15	18.30	18.56	18.53	18.41	19.20
3GPP Rel 6	HSDPA Subtest-4	17.35	17.29	17.14	18.30	18.49	18.49	18.36	19.20
3GPP Rel 6	HSUPA Subtest-1	16.77	16.50	16.45	16.80	17.61	17.57	17.52	17.70
3GPP Rel 6	HSUPA Subtest-2	16.62	16.50	16.43	16.80	17.63	17.62	17.50	17.70
3GPP Rel 6	HSUPA Subtest-3	17.71	17.44	17.48	17.80	18.58	18.54	18.50	18.70
3GPP Rel 6	HSUPA Subtest-4	16.17	16.00	16.13	16.30	17.20	17.18	17.03	17.70
3GPP Rel 6	HSUPA Subtest-5	17.70	17.70	17.60	17.80	18.60	18.60	18.50	18.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.29	16.16	16.45	16.80	17.55	17.58	17.47	17.70

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.70	18.80	18.78	19.80	19.22	19.32	19.30	20.20
3GPP Rel 99	RMC 12.2Kbps	18.72	18.82	18.80	19.80	19.25	19.34	19.32	20.20
3GPP Rel 6	HSDPA Subtest-1	17.71	17.77	17.78	18.80	18.20	18.30	18.34	19.20
3GPP Rel 6	HSDPA Subtest-2	17.69	17.75	17.76	18.80	18.20	18.29	18.32	19.20
3GPP Rel 6	HSDPA Subtest-3	17.18	17.28	17.32	18.30	17.70	17.82	17.86	18.70
3GPP Rel 6	HSDPA Subtest-4	17.18	17.24	17.26	18.30	17.69	17.78	17.82	18.70
3GPP Rel 6	HSUPA Subtest-1	16.71	16.68	16.61	16.80	16.96	17.02	17.06	17.20
3GPP Rel 6	HSUPA Subtest-2	16.45	16.49	16.72	16.80	16.99	17.06	17.10	17.20
3GPP Rel 6	HSUPA Subtest-3	17.54	17.58	17.65	17.80	18.01	18.10	18.14	18.20
3GPP Rel 6	HSUPA Subtest-4	16.21	16.19	16.16	16.30	16.50	16.58	16.62	17.20
3GPP Rel 6	HSUPA Subtest-5	17.60	17.78	17.52	17.80	17.93	18.10	18.10	18.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.53	16.41	16.53	16.80	16.77	16.85	16.80	17.20

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.92	22.95	22.85	24.00	23.02	23.07	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	22.94	22.97	22.87	24.00	23.04	23.09	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	21.96	21.90	23.00	22.00	22.10	21.89	23.00
3GPP Rel 6	HSDPA Subtest-2	21.94	21.96	21.64	23.00	22.02	22.05	21.98	23.00
3GPP Rel 6	HSDPA Subtest-3	21.46	21.53	21.41	22.50	21.54	21.61	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.47	21.36	22.50	21.53	21.57	21.48	22.50
3GPP Rel 6	HSUPA Subtest-1	20.63	20.78	20.72	21.00	20.77	20.84	20.77	21.00
3GPP Rel 6	HSUPA Subtest-2	20.75	20.78	20.73	21.00	20.74	20.84	20.76	21.00
3GPP Rel 6	HSUPA Subtest-3	21.72	21.75	21.77	22.00	21.81	21.89	21.80	22.00
3GPP Rel 6	HSUPA Subtest-4	20.33	20.36	20.26	20.50	20.31	20.38	20.28	20.50
3GPP Rel 6	HSUPA Subtest-5	21.73	21.80	21.70	22.00	21.70	21.80	21.80	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.55	20.68	20.62	21.00	20.63	20.70	20.65	21.00

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	18.65	18.66	18.64	19.5	0
20	QPSK	1	49	18.68	18.71	18.65		
20	QPSK	1	99	18.47	18.51	18.51		
20	QPSK	50	0	18.62	18.65	18.57	19.5	0
20	QPSK	50	24	18.66	18.69	18.63		
20	QPSK	50	50	18.62	18.56	18.56		
20	QPSK	100	0	18.62	18.67	18.59		
20	16QAM	1	0	18.52	18.63	18.58	19.5	0
20	16QAM	1	49	18.67	18.70	18.58		
20	16QAM	1	99	18.40	18.48	18.44		
20	16QAM	50	0	18.60	18.55	18.50	19.5	0
20	16QAM	50	24	18.70	18.55	18.57		
20	16QAM	50	50	18.62	18.47	18.47		
20	16QAM	100	0	18.57	18.50	18.53		
20	64QAM	1	0	18.54	18.66	18.44	19.5	0
20	64QAM	1	49	18.60	18.70	18.55		
20	64QAM	1	99	18.65	18.57	18.32		
20	64QAM	50	0	18.59	18.54	18.57	19.5	0
20	64QAM	50	24	18.70	18.52	18.49		
20	64QAM	50	50	18.47	18.50	18.45		
20	64QAM	100	0	18.59	18.54	18.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.61	18.63	18.61	19.5	0
15	QPSK	1	37	18.42	18.43	18.53		
15	QPSK	1	74	18.35	18.29	18.42		
15	QPSK	36	0	18.68	18.42	18.63	19.5	0
15	QPSK	36	20	18.61	18.51	18.60		
15	QPSK	36	39	18.56	18.51	18.39		
15	QPSK	75	0	18.69	18.55	18.49		
15	16QAM	1	0	18.36	18.63	18.65	19.5	0
15	16QAM	1	37	18.65	18.43	18.47		
15	16QAM	1	74	18.30	18.54	18.25		
15	16QAM	36	0	18.56	18.54	18.42	19.5	0
15	16QAM	36	20	18.50	18.53	18.51		
15	16QAM	36	39	18.48	18.55	18.28		
15	16QAM	75	0	18.61	18.49	18.48		
15	64QAM	1	0	18.28	18.58	18.37	19.5	0
15	64QAM	1	37	18.36	18.54	18.29		
15	64QAM	1	74	18.50	18.42	18.23		
15	64QAM	36	0	18.50	18.60	18.35	19.5	0
15	64QAM	36	20	18.51	18.35	18.38		
15	64QAM	36	39	18.45	18.30	18.48		
15	64QAM	75	0	18.61	18.41	18.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.43	18.63	18.64	19.5	0
10	QPSK	1	25	18.45	18.66	18.38		
10	QPSK	1	49	18.39	18.49	18.42		
10	QPSK	25	0	18.61	18.42	18.31	19.5	0
10	QPSK	25	12	18.38	18.54	18.57		
10	QPSK	25	25	18.48	18.52	18.46		
10	QPSK	50	0	18.38	18.62	18.48		
10	16QAM	1	0	18.30	18.55	18.34	19.5	0
10	16QAM	1	25	18.69	18.63	18.49		
10	16QAM	1	49	18.39	18.56	18.42		
10	16QAM	25	0	18.34	18.27	18.26	19.5	0
10	16QAM	25	12	18.54	18.62	18.41		
10	16QAM	25	25	18.52	18.35	18.34		
10	16QAM	50	0	18.29	18.40	18.47		
10	64QAM	1	0	18.62	18.42	18.19	19.5	0
10	64QAM	1	25	18.57	18.63	18.46		
10	64QAM	1	49	18.63	18.65	18.33		
10	64QAM	25	0	18.39	18.56	18.36	19.5	0
10	64QAM	25	12	18.65	18.42	18.21		
10	64QAM	25	25	18.39	18.35	18.27		
10	64QAM	50	0	18.34	18.31	18.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.50	18.61	18.36	19.5	0
5	QPSK	1	12	18.65	18.68	18.41		
5	QPSK	1	24	18.42	18.50	18.52		
5	QPSK	12	0	18.58	18.61	18.36	19.5	0
5	QPSK	12	7	18.57	18.48	18.68		
5	QPSK	12	13	18.41	18.39	18.64		
5	QPSK	25	0	18.37	18.64	18.66		
5	16QAM	1	0	18.48	18.49	18.62	19.5	0
5	16QAM	1	12	18.60	18.59	18.59		
5	16QAM	1	24	18.15	18.28	18.35		
5	16QAM	12	0	18.67	18.43	18.34	19.5	0
5	16QAM	12	7	18.58	18.42	18.31		
5	16QAM	12	13	18.53	18.26	18.55		
5	16QAM	25	0	18.55	18.34	18.40		
5	64QAM	1	0	18.46	18.69	18.37	19.5	0
5	64QAM	1	12	18.44	18.60	18.30		
5	64QAM	1	24	18.55	18.42	18.11		
5	64QAM	12	0	18.40	18.58	18.33	19.5	0
5	64QAM	12	7	18.48	18.36	18.37		
5	64QAM	12	13	18.31	18.48	18.46		
5	64QAM	25	0	18.34	18.61	18.56		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.41	18.49	18.43	19.5	0
3	QPSK	1	8	18.60	18.58	18.47		
3	QPSK	1	14	18.55	18.44	18.28		
3	QPSK	8	0	18.47	18.41	18.40	19.5	0
3	QPSK	8	4	18.63	18.69	18.44		
3	QPSK	8	7	18.47	18.38	18.56		
3	QPSK	15	0	18.40	18.63	18.44		
3	16QAM	1	0	18.33	18.38	18.48	19.5	0
3	16QAM	1	8	18.46	18.63	18.39		
3	16QAM	1	14	18.37	18.54	18.40		
3	16QAM	8	0	18.66	18.38	18.58	19.5	0
3	16QAM	8	4	18.63	18.28	18.32		
3	16QAM	8	7	18.34	18.19	18.32		
3	16QAM	15	0	18.62	18.54	18.43		
3	64QAM	1	0	18.39	18.47	18.23	19.5	0
3	64QAM	1	8	18.44	18.44	18.51		
3	64QAM	1	14	18.46	18.56	18.30		
3	64QAM	8	0	18.49	18.54	18.32	19.5	0
3	64QAM	8	4	18.52	18.38	18.51		
3	64QAM	8	7	18.41	18.56	18.52		
3	64QAM	15	0	18.45	18.47	18.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.40	18.52	18.69	19.5	0
1.4	QPSK	1	3	18.43	18.51	18.56		
1.4	QPSK	1	5	18.20	18.57	18.45		
1.4	QPSK	3	0	18.48	18.45	18.29		
1.4	QPSK	3	1	18.60	18.62	18.47		
1.4	QPSK	3	3	18.40	18.48	18.64		
1.4	QPSK	6	0	18.40	18.45	18.50	19.5	0
1.4	16QAM	1	0	18.30	18.39	18.38	19.5	0
1.4	16QAM	1	3	18.51	18.58	18.48		
1.4	16QAM	1	5	18.16	18.49	18.39		
1.4	16QAM	3	0	18.47	18.55	18.37		
1.4	16QAM	3	1	18.43	18.60	18.51		
1.4	16QAM	3	3	18.50	18.19	18.42		
1.4	16QAM	6	0	18.47	18.25	18.42	19.5	0
1.4	64QAM	1	0	18.36	18.52	18.52	19.5	0
1.4	64QAM	1	3	18.44	18.65	18.53		
1.4	64QAM	1	5	18.54	18.65	18.35		
1.4	64QAM	3	0	18.52	18.42	18.59		
1.4	64QAM	3	1	18.65	18.45	18.28		
1.4	64QAM	3	3	18.42	18.52	18.23		
1.4	64QAM	6	0	18.35	18.53	18.63	19.5	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	19.69	19.72	19.65	20.5	0
20	QPSK	1	49	19.80	19.81	19.68		
20	QPSK	1	99	19.54	19.60	19.60		
20	QPSK	50	0	19.76	19.77	19.62	20.5	0
20	QPSK	50	24	19.78	19.79	19.66		
20	QPSK	50	50	19.77	19.72	19.59		
20	QPSK	100	0	19.73	19.77	19.65		
20	16QAM	1	0	19.61	19.78	19.71	20.5	0
20	16QAM	1	49	19.72	19.74	19.71		
20	16QAM	1	99	19.57	19.74	19.76		
20	16QAM	50	0	19.68	19.70	19.67	20.5	0
20	16QAM	50	24	19.76	19.68	19.67		
20	16QAM	50	50	19.61	19.53	19.60		
20	16QAM	100	0	19.63	19.64	19.66		
20	64QAM	1	0	19.79	19.75	19.49	20.5	0
20	64QAM	1	49	19.81	19.63	19.54		
20	64QAM	1	99	19.70	19.60	19.43		
20	64QAM	50	0	19.58	19.69	19.64	20.5	0
20	64QAM	50	24	19.72	19.69	19.65		
20	64QAM	50	50	19.59	19.51	19.54		
20	64QAM	100	0	19.68	19.58	19.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.75	19.59	19.62	20.5	0
15	QPSK	1	37	19.79	19.78	19.73		
15	QPSK	1	74	19.42	19.62	19.54		
15	QPSK	36	0	19.71	19.70	19.63	20.5	0
15	QPSK	36	20	19.54	19.67	19.47		
15	QPSK	36	39	19.56	19.51	19.60		
15	QPSK	75	0	19.49	19.78	19.38		
15	16QAM	1	0	19.33	19.54	19.70	20.5	0
15	16QAM	1	37	19.77	19.73	19.65		
15	16QAM	1	74	19.43	19.60	19.70		
15	16QAM	36	0	19.44	19.56	19.68	20.5	0
15	16QAM	36	20	19.49	19.47	19.68		
15	16QAM	36	39	19.58	19.34	19.66		
15	16QAM	75	0	19.57	19.43	19.50		
15	64QAM	1	0	19.59	19.66	19.42	20.5	0
15	64QAM	1	37	19.57	19.42	19.45		
15	64QAM	1	74	19.46	19.37	19.18		
15	64QAM	36	0	19.41	19.54	19.70	20.5	0
15	64QAM	36	20	19.75	19.59	19.37		
15	64QAM	36	39	19.31	19.59	19.26		
15	64QAM	75	0	19.72	19.62	19.62		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.66	19.46	19.49	20.5	0
10	QPSK	1	25	19.60	19.78	19.70		
10	QPSK	1	49	19.30	19.34	19.67		
10	QPSK	25	0	19.50	19.64	19.64	20.5	0
10	QPSK	25	12	19.53	19.53	19.56		
10	QPSK	25	25	19.69	19.73	19.38		
10	QPSK	50	0	19.49	19.73	19.46		
10	16QAM	1	0	19.33	19.78	19.57	20.5	0
10	16QAM	1	25	19.69	19.71	19.58		
10	16QAM	1	49	19.62	19.71	19.70		
10	16QAM	25	0	19.52	19.45	19.56	20.5	0
10	16QAM	25	12	19.63	19.54	19.71		
10	16QAM	25	25	19.69	19.28	19.62		
10	16QAM	50	0	19.68	19.49	19.40		
10	64QAM	1	0	19.79	19.72	19.40	20.5	0
10	64QAM	1	25	19.54	19.55	19.30		
10	64QAM	1	49	19.72	19.48	19.37		
10	64QAM	25	0	19.36	19.44	19.39	20.5	0
10	64QAM	25	12	19.61	19.64	19.43		
10	64QAM	25	25	19.67	19.59	19.61		
10	64QAM	50	0	19.47	19.66	19.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.63	19.70	19.46	20.5	0
5	QPSK	1	12	19.79	19.76	19.71		
5	QPSK	1	24	19.58	19.55	19.67		
5	QPSK	12	0	19.76	19.58	19.66	20.5	0
5	QPSK	12	7	19.61	19.77	19.45		
5	QPSK	12	13	19.51	19.45	19.31		
5	QPSK	25	0	19.58	19.66	19.62		
5	16QAM	1	0	19.60	19.74	19.49	20.5	0
5	16QAM	1	12	19.46	19.66	19.68		
5	16QAM	1	24	19.60	19.61	19.70		
5	16QAM	12	0	19.64	19.43	19.61	20.5	0
5	16QAM	12	7	19.52	19.60	19.65		
5	16QAM	12	13	19.68	19.59	19.53		
5	16QAM	25	0	19.47	19.40	19.72		
5	64QAM	1	0	19.74	19.71	19.52	20.5	0
5	64QAM	1	12	19.68	19.64	19.40		
5	64QAM	1	24	19.56	19.56	19.36		
5	64QAM	12	0	19.56	19.43	19.56	20.5	0
5	64QAM	12	7	19.70	19.59	19.46		
5	64QAM	12	13	19.42	19.35	19.56		
5	64QAM	25	0	19.51	19.35	19.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.52	19.76	19.68	20.5	0
3	QPSK	1	8	19.76	19.70	19.60		
3	QPSK	1	14	19.59	19.61	19.54		
3	QPSK	8	0	19.53	19.77	19.55	20.5	0
3	QPSK	8	4	19.50	19.77	19.40		
3	QPSK	8	7	19.51	19.66	19.65		
3	QPSK	15	0	19.64	19.75	19.44		
3	16QAM	1	0	19.58	19.70	19.61	20.5	0
3	16QAM	1	8	19.47	19.76	19.66		
3	16QAM	1	14	19.37	19.71	19.73		
3	16QAM	8	0	19.64	19.65	19.69	20.5	0
3	16QAM	8	4	19.55	19.70	19.68		
3	16QAM	8	7	19.58	19.42	19.48		
3	16QAM	15	0	19.40	19.67	19.72		
3	64QAM	1	0	19.58	19.71	19.56	20.5	0
3	64QAM	1	8	19.57	19.37	19.40		
3	64QAM	1	14	19.55	19.53	19.45		
3	64QAM	8	0	19.58	19.77	19.67	20.5	0
3	64QAM	8	4	19.73	19.47	19.73		
3	64QAM	8	7	19.36	19.24	19.60		
3	64QAM	15	0	19.70	19.63	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.43	19.61	19.60	20.5	0
1.4	QPSK	1	3	19.72	19.62	19.65		
1.4	QPSK	1	5	19.42	19.51	19.66		
1.4	QPSK	3	0	19.75	19.75	19.47		
1.4	QPSK	3	1	19.72	19.59	19.47		
1.4	QPSK	3	3	19.73	19.60	19.34		
1.4	QPSK	6	0	19.51	19.71	19.70	20.5	0
1.4	16QAM	1	0	19.43	19.57	19.63	20.5	0
1.4	16QAM	1	3	19.52	19.49	19.47		
1.4	16QAM	1	5	19.34	19.78	19.65		
1.4	16QAM	3	0	19.70	19.71	19.41		
1.4	16QAM	3	1	19.57	19.67	19.54		
1.4	16QAM	3	3	19.50	19.47	19.46		
1.4	16QAM	6	0	19.70	19.53	19.48	20.5	0
1.4	64QAM	1	0	19.64	19.61	19.28	20.5	0
1.4	64QAM	1	3	19.69	19.53	19.30		
1.4	64QAM	1	5	19.48	19.56	19.36		
1.4	64QAM	3	0	19.66	19.77	19.43		
1.4	64QAM	3	1	19.52	19.41	19.41		
1.4	64QAM	3	3	19.43	19.43	19.50		
1.4	64QAM	6	0	19.71	19.54	19.44	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	18.88	19.10	19.06	20.5	0
20	QPSK	1	49	19.13	19.20	19.23		
20	QPSK	1	99	18.98	19.07	19.06		
20	QPSK	50	0	19.11	19.12	19.20	20.5	0
20	QPSK	50	24	19.12	19.18	19.21		
20	QPSK	50	50	19.10	19.08	19.15		
20	QPSK	100	0	19.15	19.16	19.18		
20	16QAM	1	0	18.88	18.86	19.03	20.5	0
20	16QAM	1	49	18.87	18.90	19.18		
20	16QAM	1	99	18.94	18.94	19.03		
20	16QAM	50	0	19.14	19.02	19.20	20.5	0
20	16QAM	50	24	19.17	19.12	19.21		
20	16QAM	50	50	19.12	19.13	19.18		
20	16QAM	100	0	19.11	19.00	19.21		
20	64QAM	1	0	19.02	19.19	19.12	20.5	0
20	64QAM	1	49	19.17	19.15	19.17		
20	64QAM	1	99	19.04	19.08	19.17		
20	64QAM	50	0	19.05	18.94	19.17	20.5	0
20	64QAM	50	24	19.02	19.09	19.16		
20	64QAM	50	50	19.00	19.04	19.12		
20	64QAM	100	0	18.99	19.02	19.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.75	18.85	19.06	20.5	0
15	QPSK	1	37	19.08	18.94	19.15		
15	QPSK	1	74	18.79	19.12	18.85		
15	QPSK	36	0	18.99	19.18	18.92	20.5	0
15	QPSK	36	20	18.85	19.13	18.95		
15	QPSK	36	39	18.88	18.81	18.94		
15	QPSK	75	0	19.05	19.14	19.06		
15	16QAM	1	0	18.64	18.90	18.89	20.5	0
15	16QAM	1	37	18.81	18.89	18.98		
15	16QAM	1	74	18.82	18.78	18.75		
15	16QAM	36	0	19.11	18.95	19.01	20.5	0
15	16QAM	36	20	19.00	18.89	19.11		
15	16QAM	36	39	18.96	18.91	18.92		
15	16QAM	75	0	19.08	18.72	18.97		
15	64QAM	1	0	18.92	18.96	19.05	20.5	0
15	64QAM	1	37	19.16	18.90	19.14		
15	64QAM	1	74	18.83	18.82	19.04		
15	64QAM	36	0	18.88	18.88	19.09	20.5	0
15	64QAM	36	20	18.96	19.11	19.09		
15	64QAM	36	39	18.77	19.02	19.05		
15	64QAM	75	0	18.97	18.93	19.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.86	18.98	18.94	20.5	0
10	QPSK	1	25	19.14	18.95	18.95		
10	QPSK	1	49	18.89	19.07	18.85		
10	QPSK	25	0	18.93	19.05	19.04	20.5	0
10	QPSK	25	12	19.08	18.91	19.10		
10	QPSK	25	25	19.07	18.82	18.89		
10	QPSK	50	0	18.99	18.89	18.93		
10	16QAM	1	0	18.66	18.84	19.06	20.5	0
10	16QAM	1	25	18.80	18.86	19.12		
10	16QAM	1	49	18.67	19.01	18.97		
10	16QAM	25	0	19.13	18.88	19.01	20.5	0
10	16QAM	25	12	19.07	18.88	19.14		
10	16QAM	25	25	19.00	18.88	19.02		
10	16QAM	50	0	19.13	18.89	19.12		
10	64QAM	1	0	18.75	19.10	19.03	20.5	0
10	64QAM	1	25	19.06	18.88	19.13		
10	64QAM	1	49	18.95	19.00	18.96		
10	64QAM	25	0	18.95	18.90	19.04	20.5	0
10	64QAM	25	12	18.85	19.09	19.13		
10	64QAM	25	25	18.97	19.00	19.02		
10	64QAM	50	0	18.89	19.01	19.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.84	19.16	18.87	20.5	0
5	QPSK	1	12	18.87	19.07	19.08		
5	QPSK	1	24	18.97	19.05	19.08		
5	QPSK	12	0	19.18	19.05	18.93	20.5	0
5	QPSK	12	7	19.16	19.14	19.05		
5	QPSK	12	13	19.05	18.89	19.13		
5	QPSK	25	0	19.10	18.99	19.08		
5	16QAM	1	0	18.77	18.69	18.91	20.5	0
5	16QAM	1	12	18.91	18.75	19.14		
5	16QAM	1	24	18.80	18.75	19.07		
5	16QAM	12	0	19.17	18.92	19.19	20.5	0
5	16QAM	12	7	18.94	18.90	19.10		
5	16QAM	12	13	18.96	19.17	19.19		
5	16QAM	25	0	18.89	18.94	19.19		
5	64QAM	1	0	18.92	19.05	18.97	20.5	0
5	64QAM	1	12	19.01	18.93	19.12		
5	64QAM	1	24	18.78	18.95	18.99		
5	64QAM	12	0	18.90	18.86	18.89	20.5	0
5	64QAM	12	7	18.96	19.06	18.91		
5	64QAM	12	13	19.03	18.95	19.10		
5	64QAM	25	0	18.96	18.87	18.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.75	18.92	19.13	20.5	0
3	QPSK	1	8	19.19	19.03	19.18		
3	QPSK	1	14	18.86	18.85	18.81		
3	QPSK	8	0	19.07	19.00	19.11	20.5	0
3	QPSK	8	4	19.18	19.10	19.12		
3	QPSK	8	7	18.90	19.07	19.12		
3	QPSK	15	0	18.94	19.13	19.11		
3	16QAM	1	0	18.75	18.92	18.82	20.5	0
3	16QAM	1	8	18.80	18.64	19.10		
3	16QAM	1	14	18.83	18.95	19.11		
3	16QAM	8	0	18.89	18.91	19.12	20.5	0
3	16QAM	8	4	19.19	18.97	19.14		
3	16QAM	8	7	18.91	19.13	19.01		
3	16QAM	15	0	19.04	18.86	18.95		
3	64QAM	1	0	18.85	19.07	19.10	20.5	0
3	64QAM	1	8	19.07	19.02	19.14		
3	64QAM	1	14	18.93	18.93	19.10		
3	64QAM	8	0	19.11	18.77	19.11	20.5	0
3	64QAM	8	4	18.85	19.17	18.90		
3	64QAM	8	7	18.83	18.78	19.19		
3	64QAM	15	0	18.96	19.04	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.88	18.86	19.06	20.5	0
1.4	QPSK	1	3	18.98	19.05	18.96		
1.4	QPSK	1	5	18.71	19.15	18.96		
1.4	QPSK	3	0	19.18	18.87	19.15		
1.4	QPSK	3	1	18.99	18.96	19.09		
1.4	QPSK	3	3	18.99	19.05	19.01		
1.4	QPSK	6	0	18.95	19.10	19.10	20.5	0
1.4	16QAM	1	0	18.86	18.90	19.11	20.5	0
1.4	16QAM	1	3	18.67	18.91	19.10		
1.4	16QAM	1	5	18.93	18.90	18.83		
1.4	16QAM	3	0	18.98	18.75	18.98		
1.4	16QAM	3	1	18.97	19.11	19.18		
1.4	16QAM	3	3	18.98	19.08	18.97		
1.4	16QAM	6	0	18.99	19.00	18.96	20.5	0
1.4	64QAM	1	0	18.88	19.00	18.99	20.5	0
1.4	64QAM	1	3	19.07	19.18	18.95		
1.4	64QAM	1	5	18.78	19.15	19.05		
1.4	64QAM	3	0	18.96	18.96	18.99		
1.4	64QAM	3	1	19.05	19.01	19.10		
1.4	64QAM	3	3	19.05	18.98	19.08		
1.4	64QAM	6	0	18.91	18.75	19.09	20.5	0

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.30	19.43	19.36	21.1	0
20	QPSK	1	49	19.57	19.58	19.60		
20	QPSK	1	99	19.37	19.33	19.42		
20	QPSK	50	0	19.53	19.34	19.56	21.1	0
20	QPSK	50	24	19.55	19.56	19.58		
20	QPSK	50	50	19.53	19.43	19.48		
20	QPSK	100	0	19.54	19.55	19.57		
20	16QAM	1	0	19.29	19.23	19.38	21.1	0
20	16QAM	1	49	19.51	19.37	19.52		
20	16QAM	1	99	19.40	19.41	19.36		
20	16QAM	50	0	19.41	19.19	19.52	21.1	0
20	16QAM	50	24	19.39	19.46	19.48		
20	16QAM	50	50	19.42	19.37	19.39		
20	16QAM	100	0	19.35	19.29	19.49		
20	64QAM	1	0	19.17	19.35	19.37	21.1	0
20	64QAM	1	49	19.48	19.54	19.55		
20	64QAM	1	99	19.36	19.38	19.39		
20	64QAM	50	0	19.42	19.24	19.54	21.1	0
20	64QAM	50	24	19.30	19.38	19.50		
20	64QAM	50	50	19.36	19.31	19.42		
20	64QAM	100	0	19.34	19.28	19.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.29	19.39	19.35	21.1	0
15	QPSK	1	37	19.54	19.56	19.51		
15	QPSK	1	74	19.22	19.23	19.50		
15	QPSK	36	0	19.46	19.18	19.39	21.1	0
15	QPSK	36	20	19.29	19.39	19.54		
15	QPSK	36	39	19.28	19.44	19.36		
15	QPSK	75	0	19.51	19.36	19.52		
15	16QAM	1	0	19.13	19.28	19.26	21.1	0
15	16QAM	1	37	19.32	19.22	19.28		
15	16QAM	1	74	19.37	19.44	19.40		
15	16QAM	36	0	19.42	19.26	19.28	21.1	0
15	16QAM	36	20	19.37	19.26	19.38		
15	16QAM	36	39	19.24	19.13	19.14		
15	16QAM	75	0	19.33	19.27	19.51		
15	64QAM	1	0	19.25	19.25	19.41	21.1	0
15	64QAM	1	37	19.51	19.48	19.44		
15	64QAM	1	74	19.40	19.24	19.13		
15	64QAM	36	0	19.28	19.20	19.53	21.1	0
15	64QAM	36	20	19.37	19.39	19.41		
15	64QAM	36	39	19.18	19.32	19.22		
15	64QAM	75	0	19.12	19.31	19.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.37	19.27	19.13	21.1	0
10	QPSK	1	25	19.39	19.32	19.55		
10	QPSK	1	49	19.29	19.15	19.19		
10	QPSK	25	0	19.35	19.28	19.52	21.1	0
10	QPSK	25	12	19.39	19.54	19.47		
10	QPSK	25	25	19.26	19.50	19.39		
10	QPSK	50	0	19.52	19.50	19.32		
10	16QAM	1	0	19.36	19.22	19.28	21.1	0
10	16QAM	1	25	19.26	19.40	19.31		
10	16QAM	1	49	19.23	19.38	19.36		
10	16QAM	25	0	19.39	19.22	19.53	21.1	0
10	16QAM	25	12	19.20	19.35	19.21		
10	16QAM	25	25	19.43	19.45	19.17		
10	16QAM	50	0	19.26	19.23	19.55		
10	64QAM	1	0	19.18	19.28	19.44	21.1	0
10	64QAM	1	25	19.40	19.54	19.38		
10	64QAM	1	49	19.25	19.27	19.14		
10	64QAM	25	0	19.37	19.18	19.57	21.1	0
10	64QAM	25	12	19.16	19.40	19.31		
10	64QAM	25	25	19.31	19.35	19.15		
10	64QAM	50	0	19.28	19.14	19.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.11	19.17	19.30	21.1	0
5	QPSK	1	12	19.39	19.53	19.46		
5	QPSK	1	24	19.29	19.36	19.49		
5	QPSK	12	0	19.58	19.30	19.39	21.1	0
5	QPSK	12	7	19.36	19.41	19.34		
5	QPSK	12	13	19.41	19.47	19.33		
5	QPSK	25	0	19.38	19.31	19.31		
5	16QAM	1	0	19.23	19.24	19.14	21.1	0
5	16QAM	1	12	19.45	19.28	19.30		
5	16QAM	1	24	19.45	19.47	19.10		
5	16QAM	12	0	19.17	19.21	19.24	21.1	0
5	16QAM	12	7	19.12	19.24	19.27		
5	16QAM	12	13	19.21	19.36	19.33		
5	16QAM	25	0	19.39	19.20	19.49		
5	64QAM	1	0	19.14	19.43	19.33	21.1	0
5	64QAM	1	12	19.28	19.30	19.32		
5	64QAM	1	24	19.28	19.37	19.45		
5	64QAM	12	0	19.50	19.28	19.28	21.1	0
5	64QAM	12	7	19.21	19.18	19.29		
5	64QAM	12	13	19.26	19.24	19.27		
5	64QAM	25	0	19.26	19.22	19.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.33	19.40	19.12	21.1	0
3	QPSK	1	8	19.50	19.31	19.41		
3	QPSK	1	14	19.35	19.36	19.18		
3	QPSK	8	0	19.48	19.28	19.50	21.1	0
3	QPSK	8	4	19.37	19.44	19.55		
3	QPSK	8	7	19.34	19.47	19.52		
3	QPSK	15	0	19.58	19.53	19.36		
3	16QAM	1	0	19.10	19.28	19.18	21.1	0
3	16QAM	1	8	19.25	19.28	19.54		
3	16QAM	1	14	19.15	19.29	19.43		
3	16QAM	8	0	19.16	19.16	19.35	21.1	0
3	16QAM	8	4	19.22	19.53	19.26		
3	16QAM	8	7	19.41	19.27	19.14		
3	16QAM	15	0	19.25	19.10	19.47		
3	64QAM	1	0	19.10	19.17	19.20	21.1	0
3	64QAM	1	8	19.30	19.47	19.47		
3	64QAM	1	14	19.13	19.28	19.13		
3	64QAM	8	0	19.41	19.22	19.51	21.1	0
3	64QAM	8	4	19.25	19.44	19.58		
3	64QAM	8	7	19.31	19.37	19.16		
3	64QAM	15	0	19.42	19.28	19.59		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.16	19.43	19.28	21.1	0
1.4	QPSK	1	3	19.40	19.48	19.36		
1.4	QPSK	1	5	19.24	19.30	19.17		
1.4	QPSK	3	0	19.31	19.39	19.50		
1.4	QPSK	3	1	19.32	19.50	19.43		
1.4	QPSK	3	3	19.51	19.30	19.45		
1.4	QPSK	6	0	19.36	19.32	19.52	21.1	0
1.4	16QAM	1	0	19.24	19.27	19.19	21.1	0
1.4	16QAM	1	3	19.28	19.35	19.50		
1.4	16QAM	1	5	19.47	19.26	19.22		
1.4	16QAM	3	0	19.24	19.23	19.47		
1.4	16QAM	3	1	19.28	19.53	19.42		
1.4	16QAM	3	3	19.38	19.12	19.16		
1.4	16QAM	6	0	19.10	19.35	19.22	21.1	0
1.4	64QAM	1	0	19.15	19.29	19.33	21.1	0
1.4	64QAM	1	3	19.27	19.51	19.41		
1.4	64QAM	1	5	19.30	19.43	19.40		
1.4	64QAM	3	0	19.28	19.15	19.52		
1.4	64QAM	3	1	19.32	19.36	19.26		
1.4	64QAM	3	3	19.41	19.29	19.38		
1.4	64QAM	6	0	19.33	19.18	19.35	21.1	0

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BW [MHz]	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	23.20	23.29	23.04	24.5	0
10	QPSK	1	25	23.28	23.37	23.16		
10	QPSK	1	49	23.21	23.27	23.05		
10	QPSK	25	0	22.25	22.25	22.22	23.5	1
10	QPSK	25	12	22.26	22.31	22.24		
10	QPSK	25	25	22.24	22.24	22.17		
10	QPSK	50	0	22.24	22.28	22.23		
10	16QAM	1	0	22.06	22.35	21.96	23.5	1
10	16QAM	1	25	22.22	22.36	22.22		
10	16QAM	1	49	22.09	22.32	21.97		
10	16QAM	25	0	21.28	21.31	21.23	22.5	2
10	16QAM	25	12	21.27	21.32	21.15		
10	16QAM	25	25	21.25	21.31	21.13		
10	16QAM	50	0	21.24	21.20	21.25		
10	64QAM	1	0	21.54	21.52	21.40	22.5	2
10	64QAM	1	25	21.74	21.66	21.45		
10	64QAM	1	49	21.49	21.48	21.41		
10	64QAM	25	0	20.15	20.18	20.19	21.5	3
10	64QAM	25	12	20.14	20.15	20.15		
10	64QAM	25	25	20.11	20.13	20.08		
10	64QAM	50	0	20.30	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.27	23.19	23.27	24.5	0
5	QPSK	1	12	23.32	23.28	23.26		
5	QPSK	1	24	23.30	23.18	23.26		
5	QPSK	12	0	22.25	22.26	22.19	23.5	1
5	QPSK	12	7	22.25	22.25	22.18		
5	QPSK	12	13	22.19	22.28	22.13		
5	QPSK	25	0	22.33	22.26	22.14		
5	16QAM	1	0	22.60	22.66	22.61	23.5	1
5	16QAM	1	12	22.66	22.65	22.49		
5	16QAM	1	24	22.68	22.54	22.50		
5	16QAM	12	0	21.17	21.24	21.14	22.5	2
5	16QAM	12	7	21.22	21.18	21.11		
5	16QAM	12	13	21.13	21.16	21.03		
5	16QAM	25	0	21.24	21.23	21.13		
5	64QAM	1	0	21.62	21.51	21.45	22.5	2
5	64QAM	1	12	21.64	21.61	21.61		
5	64QAM	1	24	21.50	21.54	21.46		
5	64QAM	12	0	20.26	20.18	20.14	21.5	3
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.20	20.20	20.10		
5	64QAM	25	0	20.19	20.15	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.19	23.10	24.5	0
3	QPSK	1	8	23.16	23.36	23.13		
3	QPSK	1	14	23.16	23.22	23.13		
3	QPSK	8	0	22.27	22.15	22.19	23.5	1
3	QPSK	8	4	22.22	22.23	22.11		
3	QPSK	8	7	22.18	22.19	22.13		
3	QPSK	15	0	22.20	22.24	22.11		
3	16QAM	1	0	22.62	22.80	22.34	23.5	1
3	16QAM	1	8	22.48	22.70	22.35		
3	16QAM	1	14	22.56	22.67	22.34		
3	16QAM	8	0	21.27	21.19	21.24	22.5	2
3	16QAM	8	4	21.33	21.27	21.24		
3	16QAM	8	7	21.31	21.24	21.14		
3	16QAM	15	0	21.27	21.34	21.22		
3	64QAM	1	0	21.25	21.06	20.88	22.5	2
3	64QAM	1	8	21.16	20.94	20.96		
3	64QAM	1	14	21.15	21.18	21.10		
3	64QAM	8	0	20.12	20.09	20.04	21.5	3
3	64QAM	8	4	20.10	20.25	20.20		
3	64QAM	8	7	20.16	20.06	20.21		
3	64QAM	15	0	20.19	20.15	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.22	23.25	22.93	24.5	0
1.4	QPSK	1	3	23.27	23.30	22.97		
1.4	QPSK	1	5	23.24	23.19	22.89		
1.4	QPSK	3	0	23.35	23.34	23.14		
1.4	QPSK	3	1	23.32	23.32	23.11		
1.4	QPSK	3	3	23.36	23.36	23.11		
1.4	QPSK	6	0	22.24	22.20	22.17	23.5	1
1.4	16QAM	1	0	22.64	22.36	22.11	23.5	1
1.4	16QAM	1	3	22.64	22.16	22.11		
1.4	16QAM	1	5	22.72	22.15	22.08		
1.4	16QAM	3	0	22.34	22.30	22.16		
1.4	16QAM	3	1	22.36	22.30	22.18		
1.4	16QAM	3	3	22.37	22.22	22.17		
1.4	16QAM	6	0	21.50	21.32	21.12	22.5	2
1.4	64QAM	1	0	21.58	21.54	21.42	22.5	2
1.4	64QAM	1	3	21.60	21.56	21.36		
1.4	64QAM	1	5	21.55	21.49	21.37		
1.4	64QAM	3	0	21.23	21.46	21.33		
1.4	64QAM	3	1	21.25	21.47	21.31		
1.4	64QAM	3	3	21.34	21.49	21.41		
1.4	64QAM	6	0	20.12	20.16	20.07	21.5	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	23.21	23.27	23.14	24.5	0
10	QPSK	1	25	23.28	23.33	23.21		
10	QPSK	1	49	23.21	23.24	23.17		
10	QPSK	25	0	22.21	22.22	22.18	23.5	1
10	QPSK	25	12	22.24	22.27	22.23		
10	QPSK	25	25	22.22	22.25	22.16		
10	QPSK	50	0	22.21	22.24	22.19		
10	16QAM	1	0	22.39	22.51	22.36	23.5	1
10	16QAM	1	25	22.52	22.54	22.41		
10	16QAM	1	49	22.47	22.46	22.37		
10	16QAM	25	0	21.26	21.21	21.21	22.5	2
10	16QAM	25	12	21.22	21.26	21.18		
10	16QAM	25	25	21.22	21.19	21.15		
10	16QAM	50	0	21.22	21.22	21.22		
10	64QAM	1	0	21.32	21.37	21.20	22.5	2
10	64QAM	1	25	21.41	21.44	21.27		
10	64QAM	1	49	21.36	21.35	21.25		
10	64QAM	25	0	20.22	20.20	20.20	21.5	3
10	64QAM	25	12	20.21	20.23	20.17		
10	64QAM	25	25	20.20	20.16	20.10		
10	64QAM	50	0	20.19	20.18	20.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.28	23.20	24.5	0
5	QPSK	1	12	23.29	23.31	23.23		
5	QPSK	1	24	23.26	23.29	23.21		
5	QPSK	12	0	22.27	22.27	22.21	23.5	1
5	QPSK	12	7	22.22	22.25	22.20		
5	QPSK	12	13	22.21	22.23	22.15		
5	QPSK	25	0	22.25	22.25	22.21		
5	16QAM	1	0	22.46	22.47	22.36	23.5	1
5	16QAM	1	12	22.50	22.51	22.43		
5	16QAM	1	24	22.45	22.46	22.35		
5	16QAM	12	0	21.20	21.22	21.18	22.5	2
5	16QAM	12	7	21.20	21.22	21.17		
5	16QAM	12	13	21.18	21.21	21.11		
5	16QAM	25	0	21.22	21.24	21.21		
5	64QAM	1	0	21.37	21.33	21.31	22.5	2
5	64QAM	1	12	21.44	21.43	21.34		
5	64QAM	1	24	21.36	21.34	21.27		
5	64QAM	12	0	20.25	20.20	20.18	21.5	3
5	64QAM	12	7	20.23	20.23	20.16		
5	64QAM	12	13	20.20	20.20	20.15		
5	64QAM	25	0	20.21	20.20	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.26	23.29	23.16	24.5	0
3	QPSK	1	8	23.26	23.27	23.18		
3	QPSK	1	14	23.24	23.26	23.16		
3	QPSK	8	0	22.24	22.25	22.18	23.5	1
3	QPSK	8	4	22.23	22.24	22.18		
3	QPSK	8	7	22.18	22.22	22.14		
3	QPSK	15	0	22.20	22.21	22.16		
3	16QAM	1	0	22.39	22.48	22.38	23.5	1
3	16QAM	1	8	22.45	22.51	22.41		
3	16QAM	1	14	22.45	22.45	22.40		
3	16QAM	8	0	21.29	21.30	21.22	22.5	2
3	16QAM	8	4	21.27	21.29	21.20		
3	16QAM	8	7	21.27	21.26	21.19		
3	16QAM	15	0	21.24	21.23	21.19		
3	64QAM	1	0	21.34	21.37	21.30	22.5	2
3	64QAM	1	8	21.38	21.41	21.30		
3	64QAM	1	14	21.35	21.37	21.27		
3	64QAM	8	0	20.23	20.23	20.17	21.5	3
3	64QAM	8	4	20.22	20.22	20.17		
3	64QAM	8	7	20.21	20.21	20.16		
3	64QAM	15	0	20.17	20.18	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.27	23.16	24.5	0
1.4	QPSK	1	3	23.24	23.26	23.17		
1.4	QPSK	1	5	23.23	23.27	23.16		
1.4	QPSK	3	0	23.28	23.26	23.17		
1.4	QPSK	3	1	23.26	23.27	23.20		
1.4	QPSK	3	3	23.26	23.27	23.21		
1.4	QPSK	6	0	22.28	22.27	22.19	23.5	1
1.4	16QAM	1	0	22.43	22.50	22.37	23.5	1
1.4	16QAM	1	3	22.45	22.50	22.40		
1.4	16QAM	1	5	22.42	22.50	22.36		
1.4	16QAM	3	0	22.26	22.25	22.21		
1.4	16QAM	3	1	22.27	22.26	22.20		
1.4	16QAM	3	3	22.25	22.24	22.18		
1.4	16QAM	6	0	21.31	21.30	21.21	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.31	22.5	2
1.4	64QAM	1	3	21.37	21.42	21.31		
1.4	64QAM	1	5	21.37	21.39	21.25		
1.4	64QAM	3	0	21.28	21.30	21.26		
1.4	64QAM	3	1	21.30	21.31	21.27		
1.4	64QAM	3	3	21.32	21.32	21.24		
1.4	64QAM	6	0	20.19	20.16	20.12	21.5	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	14.72	14.77	14.69	16	0
20	QPSK	1	49	14.84	15.04	14.92		
20	QPSK	1	99	14.80	14.93	14.90		
20	QPSK	50	0	14.80	14.97	14.85	16	0
20	QPSK	50	24	14.82	15.02	14.90		
20	QPSK	50	50	14.80	14.96	14.86		
20	QPSK	100	0	14.89	15.00	14.85		
20	16QAM	1	0	15.03	15.02	14.70	16	0
20	16QAM	1	49	14.94	14.96	14.91		
20	16QAM	1	99	15.02	15.00	14.86		
20	16QAM	50	0	14.79	14.93	14.86	16	0
20	16QAM	50	24	14.90	14.87	14.92		
20	16QAM	50	50	14.83	14.84	14.94		
20	16QAM	100	0	14.81	14.85	15.01		
20	64QAM	1	0	14.55	14.60	14.89	16	0
20	64QAM	1	49	14.74	14.75	15.03		
20	64QAM	1	99	14.72	14.72	14.98		
20	64QAM	50	0	14.88	14.88	14.87	16	0
20	64QAM	50	24	14.94	14.99	14.93		
20	64QAM	50	50	14.95	14.95	14.96		
20	64QAM	100	0	14.77	14.86	14.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.63	14.82	14.76	16	0
15	QPSK	1	37	14.56	14.83	14.82		
15	QPSK	1	74	14.61	14.84	14.81		
15	QPSK	36	0	14.73	15.02	14.67	16	0
15	QPSK	36	20	14.76	15.03	14.91		
15	QPSK	36	39	14.66	14.85	14.63		
15	QPSK	75	0	14.96	15.00	14.76		
15	16QAM	1	0	14.90	14.97	14.61	16	0
15	16QAM	1	37	14.72	14.87	14.93		
15	16QAM	1	74	14.90	15.00	14.94		
15	16QAM	36	0	14.65	14.96	14.86	16	0
15	16QAM	36	20	14.79	14.75	14.94		
15	16QAM	36	39	14.76	14.61	14.74		
15	16QAM	75	0	14.67	14.79	14.77		
15	64QAM	1	0	14.36	14.47	14.63	16	0
15	64QAM	1	37	14.57	14.72	14.76		
15	64QAM	1	74	14.65	14.49	14.89		
15	64QAM	36	0	14.63	14.60	14.81	16	0
15	64QAM	36	20	14.91	14.82	15.00		
15	64QAM	36	39	14.73	14.85	14.73		
15	64QAM	75	0	14.71	14.68	15.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.58	14.67	14.62	16	0
10	QPSK	1	25	14.72	14.97	14.76		
10	QPSK	1	49	14.66	14.79	14.84		
10	QPSK	25	0	14.57	14.90	14.67	16	0
10	QPSK	25	12	14.66	14.96	14.69		
10	QPSK	25	25	14.63	15.00	14.89		
10	QPSK	50	0	14.78	14.96	14.58		
10	16QAM	1	0	14.77	15.03	14.64	16	0
10	16QAM	1	25	14.88	14.91	14.95		
10	16QAM	1	49	14.74	14.88	14.70		
10	16QAM	25	0	14.75	14.67	14.60	16	0
10	16QAM	25	12	14.87	14.72	14.71		
10	16QAM	25	25	14.80	14.56	14.85		
10	16QAM	50	0	14.63	14.90	14.76		
10	64QAM	1	0	14.50	14.45	14.94	16	0
10	64QAM	1	25	14.76	14.71	14.85		
10	64QAM	1	49	14.78	14.78	14.82		
10	64QAM	25	0	14.95	14.61	14.85	16	0
10	64QAM	25	12	14.79	14.71	14.85		
10	64QAM	25	25	14.72	14.82	14.99		
10	64QAM	50	0	14.51	14.62	14.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.50	14.73	14.68	16	0
5	QPSK	1	12	14.68	14.82	14.80		
5	QPSK	1	24	14.83	14.84	14.66		
5	QPSK	12	0	14.59	15.01	14.74	16	0
5	QPSK	12	7	14.78	14.90	14.81		
5	QPSK	12	13	14.67	14.71	14.84		
5	QPSK	25	0	14.85	14.77	14.75		
5	16QAM	1	0	15.00	15.02	14.60	16	0
5	16QAM	1	12	14.86	14.73	14.73		
5	16QAM	1	24	15.02	15.01	14.80		
5	16QAM	12	0	14.74	14.84	14.79	16	0
5	16QAM	12	7	14.66	14.91	14.71		
5	16QAM	12	13	14.69	14.84	14.99		
5	16QAM	25	0	14.89	14.80	14.88		
5	64QAM	1	0	14.48	14.62	14.63	16	0
5	64QAM	1	12	14.52	14.66	14.95		
5	64QAM	1	24	14.52	14.58	14.98		
5	64QAM	12	0	14.71	14.69	14.81	16	0
5	64QAM	12	7	14.77	15.02	14.98		
5	64QAM	12	13	14.93	14.94	15.03		
5	64QAM	25	0	14.56	14.88	14.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.59	18.61	18.51	20	0
20	QPSK	1	49	18.87	18.91	18.72		
20	QPSK	1	99	18.67	18.59	18.70		
20	QPSK	50	0	18.74	18.73	18.64	20	0
20	QPSK	50	24	18.85	18.89	18.70		
20	QPSK	50	50	18.75	18.75	18.68		
20	QPSK	100	0	18.83	18.87	18.68		
20	16QAM	1	0	18.87	18.65	18.48	20	0
20	16QAM	1	49	18.90	18.79	18.85		
20	16QAM	1	99	18.68	18.70	18.77		
20	16QAM	50	0	18.78	18.77	18.75	20	0
20	16QAM	50	24	18.81	18.78	18.81		
20	16QAM	50	50	18.79	18.71	18.85		
20	16QAM	100	0	18.70	18.81	18.85		
20	64QAM	1	0	18.50	18.69	18.63	20	0
20	64QAM	1	49	18.60	18.87	18.83		
20	64QAM	1	99	18.45	18.79	18.74		
20	64QAM	50	0	18.75	18.73	18.75	20	0
20	64QAM	50	24	18.82	18.78	18.75		
20	64QAM	50	50	18.63	18.70	18.83		
20	64QAM	100	0	18.71	18.75	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.56	18.69	18.53	20	0
15	QPSK	1	37	18.80	18.86	18.74		
15	QPSK	1	74	18.72	18.36	18.62		
15	QPSK	36	0	18.62	18.76	18.42	20	0
15	QPSK	36	20	18.91	18.78	18.60		
15	QPSK	36	39	18.50	18.58	18.41		
15	QPSK	75	0	18.69	18.89	18.61		
15	16QAM	1	0	18.87	18.69	18.50	20	0
15	16QAM	1	37	18.75	18.55	18.71		
15	16QAM	1	74	18.71	18.73	18.80		
15	16QAM	36	0	18.77	18.82	18.75	20	0
15	16QAM	36	20	18.85	18.54	18.57		
15	16QAM	36	39	18.65	18.65	18.86		
15	16QAM	75	0	18.46	18.71	18.63		
15	64QAM	1	0	18.56	18.74	18.70	20	0
15	64QAM	1	37	18.68	18.85	18.68		
15	64QAM	1	74	18.39	18.65	18.53		
15	64QAM	36	0	18.63	18.51	18.52	20	0
15	64QAM	36	20	18.66	18.50	18.83		
15	64QAM	36	39	18.40	18.54	18.87		
15	64QAM	75	0	18.56	18.56	18.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.49	18.62	18.45	20	0
10	QPSK	1	25	18.76	18.80	18.50		
10	QPSK	1	49	18.65	18.38	18.78		
10	QPSK	25	0	18.80	18.60	18.68	20	0
10	QPSK	25	12	18.57	18.77	18.54		
10	QPSK	25	25	18.57	18.69	18.44		
10	QPSK	50	0	18.69	18.76	18.68		
10	16QAM	1	0	18.84	18.45	18.38	20	0
10	16QAM	1	25	18.63	18.81	18.83		
10	16QAM	1	49	18.58	18.55	18.65		
10	16QAM	25	0	18.52	18.74	18.78	20	0
10	16QAM	25	12	18.60	18.67	18.88		
10	16QAM	25	25	18.71	18.73	18.60		
10	16QAM	50	0	18.70	18.83	18.73		
10	64QAM	1	0	18.52	18.77	18.39	20	0
10	64QAM	1	25	18.45	18.72	18.59		
10	64QAM	1	49	18.44	18.72	18.54		
10	64QAM	25	0	18.50	18.54	18.71	20	0
10	64QAM	25	12	18.59	18.51	18.69		
10	64QAM	25	25	18.48	18.76	18.87		
10	64QAM	50	0	18.54	18.68	18.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.50	18.35	18.38	20	0
5	QPSK	1	12	18.75	18.67	18.64		
5	QPSK	1	24	18.60	18.64	18.48		
5	QPSK	12	0	18.76	18.74	18.58	20	0
5	QPSK	12	7	18.88	18.84	18.61		
5	QPSK	12	13	18.63	18.61	18.52		
5	QPSK	25	0	18.82	18.80	18.52		
5	16QAM	1	0	18.66	18.40	18.43	20	0
5	16QAM	1	12	18.77	18.82	18.66		
5	16QAM	1	24	18.43	18.76	18.82		
5	16QAM	12	0	18.73	18.84	18.52	20	0
5	16QAM	12	7	18.56	18.83	18.55		
5	16QAM	12	13	18.66	18.62	18.82		
5	16QAM	25	0	18.49	18.66	18.87		
5	64QAM	1	0	18.57	18.41	18.71	20	0
5	64QAM	1	12	18.49	18.80	18.57		
5	64QAM	1	24	18.36	18.69	18.66		
5	64QAM	12	0	18.52	18.57	18.49	20	0
5	64QAM	12	7	18.73	18.85	18.74		
5	64QAM	12	13	18.60	18.52	18.63		
5	64QAM	25	0	18.79	18.83	18.89		

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BW [MHz]	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	23.30	23.29	23.32	24.5	0
10	QPSK	1	25	23.42	23.45	23.41		
10	QPSK	1	49	23.41	23.40	23.37		
10	QPSK	25	0	22.34	22.35	22.22	23.5	1
10	QPSK	25	12	22.39	22.48	22.35		
10	QPSK	25	25	22.37	22.41	22.24		
10	QPSK	50	0	22.34	22.47	22.25		
10	16QAM	1	0	22.53	22.53	22.55	23.5	1
10	16QAM	1	25	22.61	22.66	22.60		
10	16QAM	1	49	22.66	22.58	22.58		
10	16QAM	25	0	21.35	21.39	21.22	22.5	2
10	16QAM	25	12	21.36	21.37	21.35		
10	16QAM	25	25	21.35	21.55	21.24		
10	16QAM	50	0	21.40	21.46	21.21		
10	64QAM	1	0	21.40	21.39	21.47	22.5	2
10	64QAM	1	25	21.47	21.51	21.47		
10	64QAM	1	49	21.52	21.48	21.48		
10	64QAM	25	0	20.50	20.52	20.39	21.5	3
10	64QAM	25	12	20.50	20.55	20.51		
10	64QAM	25	25	20.49	20.70	20.39		
10	64QAM	50	0	20.52	20.61	20.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.31	23.37	23.24	24.5	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	23.32	23.42	23.24		
5	QPSK	12	0	22.33	22.34	22.36	23.5	1
5	QPSK	12	7	22.42	22.37	22.34		
5	QPSK	12	13	22.36	22.45	22.14		
5	QPSK	25	0	22.32	22.39	22.31		
5	16QAM	1	0	22.55	22.55	22.56	23.5	1
5	16QAM	1	12	22.64	22.70	22.51		
5	16QAM	1	24	22.66	22.66	22.57		
5	16QAM	12	0	21.34	21.36	21.27	22.5	2
5	16QAM	12	7	21.37	21.44	21.27		
5	16QAM	12	13	21.33	21.41	21.09		
5	16QAM	25	0	21.35	21.46	21.26		
5	64QAM	1	0	21.36	21.40	21.29	22.5	2
5	64QAM	1	12	21.41	21.48	21.37		
5	64QAM	1	24	21.48	21.51	21.27		
5	64QAM	12	0	20.47	20.51	20.41	21.5	3
5	64QAM	12	7	20.52	20.56	20.41		
5	64QAM	12	13	20.52	20.60	20.30		
5	64QAM	25	0	20.52	20.52	20.34		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.36	23.39	23.15	24.5	0
3	QPSK	1	8	23.32	23.36	23.19		
3	QPSK	1	14	23.39	23.41	23.17		
3	QPSK	8	0	22.33	22.35	22.30	23.5	1
3	QPSK	8	4	22.41	22.40	22.28		
3	QPSK	8	7	22.37	22.36	22.27		
3	QPSK	15	0	22.31	22.37	22.31		
3	16QAM	1	0	22.34	22.33	22.32	23.5	1
3	16QAM	1	8	22.45	22.37	22.39		
3	16QAM	1	14	22.43	22.43	22.60		
3	16QAM	8	0	21.35	21.40	21.27	22.5	2
3	16QAM	8	4	21.44	21.35	21.17		
3	16QAM	8	7	21.39	21.50	21.32		
3	16QAM	15	0	21.26	21.37	21.35		
3	64QAM	1	0	21.33	21.60	21.49	22.5	2
3	64QAM	1	8	21.37	21.68	21.53		
3	64QAM	1	14	21.41	21.66	21.54		
3	64QAM	8	0	20.54	20.61	20.51	21.5	3
3	64QAM	8	4	20.54	20.60	20.50		
3	64QAM	8	7	20.57	20.60	20.46		
3	64QAM	15	0	20.51	20.44	20.44		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.42	23.36	23.43	24.5	0
1.4	QPSK	1	3	23.43	23.34	23.43		
1.4	QPSK	1	5	23.32	23.30	23.33		
1.4	QPSK	3	0	23.40	23.28	23.29		
1.4	QPSK	3	1	23.36	23.32	23.31		
1.4	QPSK	3	3	23.30	23.36	23.31		
1.4	QPSK	6	0	22.43	22.38	22.23	23.5	1
1.4	16QAM	1	0	22.94	22.92	22.42	23.5	1
1.4	16QAM	1	3	22.92	22.95	22.59		
1.4	16QAM	1	5	22.87	22.64	22.46		
1.4	16QAM	3	0	22.36	22.31	22.31		
1.4	16QAM	3	1	22.39	22.42	22.36		
1.4	16QAM	3	3	22.42	22.36	22.37		
1.4	16QAM	6	0	21.46	21.44	21.33	22.5	2
1.4	64QAM	1	0	21.39	21.45	21.27	22.5	2
1.4	64QAM	1	3	21.40	21.49	21.25		
1.4	64QAM	1	5	21.18	21.49	21.23		
1.4	64QAM	3	0	21.36	21.57	21.11		
1.4	64QAM	3	1	21.36	21.57	21.12		
1.4	64QAM	3	3	21.44	21.50	21.38		
1.4	64QAM	6	0	20.48	20.48	20.34	21.5	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	23.40	23.51	23.33	24.5	0
10	QPSK	1	25	23.50	23.54	23.48		
10	QPSK	1	49	23.47	23.50	23.47		
10	QPSK	25	0	22.43	22.40	22.29	23.5	1
10	QPSK	25	12	22.45	22.48	22.31		
10	QPSK	25	25	22.44	22.41	22.27		
10	QPSK	50	0	22.46	22.48	22.33		
10	16QAM	1	0	22.80	22.75	22.84	23.5	1
10	16QAM	1	25	22.82	22.85	22.84		
10	16QAM	1	49	22.86	22.84	22.85		
10	16QAM	25	0	21.40	21.32	21.31	22.5	2
10	16QAM	25	12	21.35	21.37	21.48		
10	16QAM	25	25	21.42	21.50	21.36		
10	16QAM	50	0	21.49	21.45	21.27		
10	64QAM	1	0	21.59	21.40	21.61	22.5	2
10	64QAM	1	25	21.62	21.57	21.65		
10	64QAM	1	49	21.73	21.47	21.60		
10	64QAM	25	0	20.57	20.52	20.48	21.5	3
10	64QAM	25	12	20.57	20.61	20.57		
10	64QAM	25	25	20.62	20.67	20.41		
10	64QAM	50	0	20.55	20.57	20.38		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.29	23.37	23.36	24.5	0
5	QPSK	1	12	23.43	23.38	23.39		
5	QPSK	1	24	23.45	23.45	23.43		
5	QPSK	12	0	22.27	22.27	22.28	23.5	1
5	QPSK	12	7	22.33	22.35	22.22		
5	QPSK	12	13	22.31	22.33	22.13		
5	QPSK	25	0	22.30	22.32	22.22		
5	16QAM	1	0	22.71	22.68	22.70	23.5	1
5	16QAM	1	12	22.83	22.74	22.72		
5	16QAM	1	24	22.74	22.86	22.65		
5	16QAM	12	0	21.28	21.27	21.22	22.5	2
5	16QAM	12	7	21.35	21.34	21.19		
5	16QAM	12	13	21.27	21.42	21.06		
5	16QAM	25	0	21.31	21.29	21.26		
5	64QAM	1	0	21.63	21.55	20.93	22.5	2
5	64QAM	1	12	21.56	21.25	21.32		
5	64QAM	1	24	21.55	21.17	21.01		
5	64QAM	12	0	20.44	20.41	20.42	21.5	3
5	64QAM	12	7	20.45	20.41	20.44		
5	64QAM	12	13	20.46	20.51	20.33		
5	64QAM	25	0	20.47	20.46	20.44		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.23	23.27	23.29	24.5	0
3	QPSK	1	8	23.22	23.28	23.30		
3	QPSK	1	14	23.32	23.31	23.32		
3	QPSK	8	0	22.24	22.28	22.17	23.5	1
3	QPSK	8	4	22.27	22.37	22.18		
3	QPSK	8	7	22.24	22.30	22.17		
3	QPSK	15	0	22.26	22.23	22.25		
3	16QAM	1	0	22.57	22.57	22.56	23.5	1
3	16QAM	1	8	22.55	22.62	22.56		
3	16QAM	1	14	22.66	22.63	22.51		
3	16QAM	8	0	21.25	21.24	21.20	22.5	2
3	16QAM	8	4	21.24	21.28	21.28		
3	16QAM	8	7	21.27	21.26	21.27		
3	16QAM	15	0	21.33	21.36	21.09		
3	64QAM	1	0	21.28	21.58	21.40	22.5	2
3	64QAM	1	8	21.31	21.32	21.24		
3	64QAM	1	14	21.36	21.32	21.22		
3	64QAM	8	0	20.48	20.49	20.36	21.5	3
3	64QAM	8	4	20.46	20.50	20.37		
3	64QAM	8	7	20.41	20.51	20.52		
3	64QAM	15	0	20.43	20.50	20.38		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.22	23.27	23.02	24.5	0
1.4	QPSK	1	3	23.22	23.25	23.07		
1.4	QPSK	1	5	23.25	23.17	23.05		
1.4	QPSK	3	0	23.31	23.29	23.15		
1.4	QPSK	3	1	23.30	23.35	23.24		
1.4	QPSK	3	3	23.29	23.31	23.15		
1.4	QPSK	6	0	22.30	22.27	22.25	23.5	1
1.4	16QAM	1	0	22.41	22.22	22.03	23.5	1
1.4	16QAM	1	3	22.42	22.27	22.02		
1.4	16QAM	1	5	22.42	22.23	22.05		
1.4	16QAM	3	0	22.42	22.33	22.27		
1.4	16QAM	3	1	22.37	22.35	22.35		
1.4	16QAM	3	3	22.31	22.32	22.23		
1.4	16QAM	6	0	21.27	21.21	21.22	22.5	2
1.4	64QAM	1	0	21.56	21.67	21.45	22.5	2
1.4	64QAM	1	3	21.50	21.64	21.48		
1.4	64QAM	1	5	21.53	21.55	21.20		
1.4	64QAM	3	0	21.49	21.50	21.22		
1.4	64QAM	3	1	21.48	21.52	21.23		
1.4	64QAM	3	3	21.46	21.54	21.27		
1.4	64QAM	6	0	20.48	20.45	20.31	21.5	3

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	23.29	23.29	23.27	24.5	0
10	QPSK	1	25	23.43	23.44	23.42		
10	QPSK	1	49	23.40	23.38	23.38		
10	QPSK	25	0	22.25	22.18	22.14	23.5	1
10	QPSK	25	12	22.32	22.40	22.36		
10	QPSK	25	25	22.28	22.32	22.30		
10	QPSK	50	0	22.30	22.35	22.22		
10	16QAM	1	0	22.54	22.52	22.51	23.5	1
10	16QAM	1	25	22.69	22.63	22.60		
10	16QAM	1	49	22.57	22.56	22.54		
10	16QAM	25	0	21.27	21.22	21.15	22.5	2
10	16QAM	25	12	21.32	21.34	21.36		
10	16QAM	25	25	21.47	21.34	21.19		
10	16QAM	50	0	21.38	21.25	21.16		
10	64QAM	1	0	21.38	21.37	21.42	22.5	2
10	64QAM	1	25	21.47	21.47	21.52		
10	64QAM	1	49	21.45	21.45	21.49		
10	64QAM	25	0	20.42	20.37	20.34	21.5	3
10	64QAM	25	12	20.47	20.51	20.52		
10	64QAM	25	25	20.63	20.49	20.36		
10	64QAM	50	0	20.51	20.43	20.35		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.38	23.38	23.24	24.5	0
5	QPSK	1	12	23.39	23.39	23.42		
5	QPSK	1	24	23.42	23.31	23.21		
5	QPSK	12	0	22.39	22.28	22.32	23.5	1
5	QPSK	12	7	22.35	22.33	22.31		
5	QPSK	12	13	22.38	22.38	22.11		
5	QPSK	25	0	22.35	22.39	22.28		
5	16QAM	1	0	22.57	22.67	22.59	23.5	1
5	16QAM	1	12	22.60	22.62	22.68		
5	16QAM	1	24	22.64	22.65	22.48		
5	16QAM	12	0	21.39	21.23	21.25	22.5	2
5	16QAM	12	7	21.35	21.22	21.26		
5	16QAM	12	13	21.41	21.34	21.06		
5	16QAM	25	0	21.36	21.33	21.19		
5	64QAM	1	0	21.31	21.34	21.50	22.5	2
5	64QAM	1	12	21.44	21.40	21.59		
5	64QAM	1	24	21.49	21.39	21.57		
5	64QAM	12	0	20.60	20.42	20.48	21.5	3
5	64QAM	12	7	20.49	20.46	20.39		
5	64QAM	12	13	20.53	20.49	20.29		
5	64QAM	25	0	20.49	20.50	20.34		

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BW [MHz]	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	23.38	23.28	23.35	24.5	0
10	QPSK	1	25	23.43	23.52	23.47		
10	QPSK	1	49	23.39	23.46	23.43		
10	QPSK	25	0	22.27	22.24	22.22	23.5	1
10	QPSK	25	12	22.35	22.40	22.39		
10	QPSK	25	25	22.31	22.30	22.24		
10	QPSK	50	0	22.10	22.39	22.30		
10	16QAM	1	0	22.46	22.71	22.77	23.5	1
10	16QAM	1	25	22.86	22.78	22.88		
10	16QAM	1	49	22.49	22.72	22.86		
10	16QAM	25	0	21.28	21.28	21.22	22.5	2
10	16QAM	25	12	21.34	21.44	21.38		
10	16QAM	25	25	21.29	21.32	21.27		
10	16QAM	50	0	21.30	21.27	21.28		
10	64QAM	1	0	21.57	21.27	21.23	22.5	2
10	64QAM	1	25	21.64	21.66	21.44		
10	64QAM	1	49	21.73	21.68	21.46		
10	64QAM	25	0	20.44	20.46	20.43	21.5	3
10	64QAM	25	12	20.46	20.57	20.61		
10	64QAM	25	25	20.65	20.54	20.41		
10	64QAM	50	0	20.46	20.51	20.45		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.30	23.35	23.30	24.5	0
5	QPSK	1	12	23.30	23.44	23.25		
5	QPSK	1	24	23.36	23.37	23.25		
5	QPSK	12	0	22.21	22.30	22.31	23.5	1
5	QPSK	12	7	22.26	22.37	22.40		
5	QPSK	12	13	22.39	22.34	22.15		
5	QPSK	25	0	22.28	22.36	22.21		
5	16QAM	1	0	22.20	22.34	22.34	23.5	1
5	16QAM	1	12	22.23	22.41	22.37		
5	16QAM	1	24	22.30	22.31	22.35		
5	16QAM	12	0	21.43	21.28	21.28	22.5	2
5	16QAM	12	7	21.31	21.30	21.24		
5	16QAM	12	13	21.36	21.27	21.11		
5	16QAM	25	0	21.32	21.31	21.24		
5	64QAM	1	0	21.74	21.40	21.52	22.5	2
5	64QAM	1	12	21.73	21.36	21.54		
5	64QAM	1	24	21.70	21.40	21.50		
5	64QAM	12	0	20.62	20.45	20.56	21.5	3
5	64QAM	12	7	20.62	20.43	20.50		
5	64QAM	12	13	20.67	20.39	20.42		
5	64QAM	25	0	20.49	20.47	20.32		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.84	17.80	17.69	18.9	0
20	QPSK	1	49	17.91	17.87	17.82		
20	QPSK	1	99	17.90	17.83	17.75		
20	QPSK	50	0	17.88	17.80	17.73	18.9	0
20	QPSK	50	24	17.89	17.85	17.80		
20	QPSK	50	50	17.83	17.84	17.75		
20	QPSK	100	0	17.86	17.85	17.84		
20	16QAM	1	0	17.69	17.71	17.67	18.9	0
20	16QAM	1	49	17.84	17.82	17.82		
20	16QAM	1	99	17.80	17.71	17.74		
20	16QAM	50	0	17.74	17.79	17.74	18.9	0
20	16QAM	50	24	17.84	17.80	17.81		
20	16QAM	50	50	17.82	17.77	17.72		
20	16QAM	100	0	17.76	17.70	17.77		
20	64QAM	1	0	17.64	17.67	17.57	18.9	0
20	64QAM	1	49	17.84	17.77	17.75		
20	64QAM	1	99	17.71	17.62	17.72		
20	64QAM	50	0	17.81	17.85	17.82	18.9	0
20	64QAM	50	24	17.78	17.77	17.78		
20	64QAM	50	50	17.83	17.74	17.76		
20	64QAM	100	0	17.76	17.74	17.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.58	17.66	17.69	18.9	0
15	QPSK	1	37	17.79	17.75	17.80		
15	QPSK	1	74	17.67	17.89	17.61		
15	QPSK	36	0	17.70	17.59	17.53	18.9	0
15	QPSK	36	20	17.84	17.78	17.72		
15	QPSK	36	39	17.81	17.78	17.49		
15	QPSK	75	0	17.65	17.70	17.81		
15	16QAM	1	0	17.60	17.53	17.70	18.9	0
15	16QAM	1	37	17.77	17.62	17.72		
15	16QAM	1	74	17.76	17.72	17.76		
15	16QAM	36	0	17.75	17.76	17.56	18.9	0
15	16QAM	36	20	17.88	17.81	17.87		
15	16QAM	36	39	17.70	17.75	17.61		
15	16QAM	75	0	17.49	17.69	17.56		
15	64QAM	1	0	17.65	17.70	17.49	18.9	0
15	64QAM	1	37	17.69	17.82	17.82		
15	64QAM	1	74	17.75	17.49	17.51		
15	64QAM	36	0	17.59	17.84	17.71	18.9	0
15	64QAM	36	20	17.65	17.73	17.50		
15	64QAM	36	39	17.63	17.81	17.76		
15	64QAM	75	0	17.79	17.69	17.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.80	17.78	17.63	18.9	0
10	QPSK	1	25	17.75	17.82	17.57		
10	QPSK	1	49	17.62	17.67	17.48		
10	QPSK	25	0	17.60	17.79	17.75	18.9	0
10	QPSK	25	12	17.84	17.80	17.83		
10	QPSK	25	25	17.81	17.87	17.63		
10	QPSK	50	0	17.63	17.82	17.68		
10	16QAM	1	0	17.63	17.47	17.73	18.9	0
10	16QAM	1	25	17.74	17.77	17.70		
10	16QAM	1	49	17.65	17.77	17.65		
10	16QAM	25	0	17.52	17.80	17.62	18.9	0
10	16QAM	25	12	17.78	17.75	17.58		
10	16QAM	25	25	17.79	17.52	17.46		
10	16QAM	50	0	17.59	17.72	17.52		
10	64QAM	1	0	17.72	17.60	17.59	18.9	0
10	64QAM	1	25	17.88	17.75	17.63		
10	64QAM	1	49	17.59	17.45	17.79		
10	64QAM	25	0	17.69	17.77	17.69	18.9	0
10	64QAM	25	12	17.52	17.83	17.65		
10	64QAM	25	25	17.81	17.77	17.48		
10	64QAM	50	0	17.73	17.55	17.71		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.64	17.84	17.57	18.9	0
5	QPSK	1	12	17.87	17.82	17.76		
5	QPSK	1	24	17.88	17.67	17.80		
5	QPSK	12	0	17.64	17.74	17.58	18.9	0
5	QPSK	12	7	17.87	17.57	17.62		
5	QPSK	12	13	17.74	17.78	17.82		
5	QPSK	25	0	17.68	17.81	17.78		
5	16QAM	1	0	17.41	17.63	17.55	18.9	0
5	16QAM	1	12	17.83	17.89	17.55		
5	16QAM	1	24	17.55	17.52	17.62		
5	16QAM	12	0	17.72	17.82	17.48	18.9	0
5	16QAM	12	7	17.71	17.77	17.71		
5	16QAM	12	13	17.67	17.79	17.74		
5	16QAM	25	0	17.57	17.53	17.54		
5	64QAM	1	0	17.43	17.41	17.47	18.9	0
5	64QAM	1	12	17.75	17.66	17.65		
5	64QAM	1	24	17.74	17.62	17.56		
5	64QAM	12	0	17.74	17.61	17.80	18.9	0
5	64QAM	12	7	17.64	17.62	17.56		
5	64QAM	12	13	17.55	17.72	17.52		
5	64QAM	25	0	17.80	17.71	17.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.15	21.15	21.09	22.3	0
20	QPSK	1	49	21.35	21.25	21.24		
20	QPSK	1	99	21.25	21.22	21.22		
20	QPSK	50	0	21.24	21.20	21.22	22.3	0
20	QPSK	50	24	21.32	21.23	21.27		
20	QPSK	50	50	21.30	21.15	21.23		
20	QPSK	100	0	21.29	21.24	21.21		
20	16QAM	1	0	21.22	21.29	21.17	22.3	0
20	16QAM	1	49	21.21	21.28	21.28		
20	16QAM	1	99	21.29	21.28	21.25		
20	16QAM	50	0	20.85	20.83	20.82	21.8	0.5
20	16QAM	50	24	20.92	20.88	20.90		
20	16QAM	50	50	20.95	20.84	20.91		
20	16QAM	100	0	20.84	20.84	20.84		
20	64QAM	1	0	20.68	20.80	20.68	21.8	0.5
20	64QAM	1	49	20.91	20.87	20.83		
20	64QAM	1	99	20.86	20.78	20.79		
20	64QAM	50	0	19.80	19.80	19.78	20.8	1.5
20	64QAM	50	24	19.86	19.84	19.86		
20	64QAM	50	50	19.88	19.83	19.82		
20	64QAM	100	0	19.82	19.82	19.80		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.20	21.02	20.89	22.3	0
15	QPSK	1	37	21.09	21.06	21.20		
15	QPSK	1	74	21.22	21.08	21.09		
15	QPSK	36	0	21.27	21.28	21.00	22.3	0
15	QPSK	36	20	21.23	21.20	21.16		
15	QPSK	36	39	21.06	21.14	21.12		
15	QPSK	75	0	21.16	21.14	21.21		
15	16QAM	1	0	20.96	21.24	21.13	22.3	0
15	16QAM	1	37	21.28	21.21	21.23		
15	16QAM	1	74	21.22	21.24	21.23		
15	16QAM	36	0	20.76	20.58	20.67	21.8	0.5
15	16QAM	36	20	20.64	20.65	20.90		
15	16QAM	36	39	20.72	20.79	20.72		
15	16QAM	75	0	20.80	20.68	20.71		
15	64QAM	1	0	20.59	20.61	20.50	21.8	0.5
15	64QAM	1	37	20.96	20.67	20.66		
15	64QAM	1	74	20.80	20.84	20.74		
15	64QAM	36	0	19.70	19.77	19.60	20.8	1.5
15	64QAM	36	20	19.58	19.92	19.68		
15	64QAM	36	39	19.96	19.61	19.57		
15	64QAM	75	0	19.73	19.66	19.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.22	20.88	21.16	22.3	0
10	QPSK	1	25	21.25	21.27	21.27		
10	QPSK	1	49	21.26	20.94	21.14		
10	QPSK	25	0	21.05	21.26	20.99	22.3	0
10	QPSK	25	12	21.21	21.25	21.09		
10	QPSK	25	25	21.16	21.06	21.23		
10	QPSK	50	0	21.21	21.24	21.00		
10	16QAM	1	0	21.01	21.26	21.08	22.3	0
10	16QAM	1	25	21.27	21.23	21.22		
10	16QAM	1	49	21.22	21.24	21.00		
10	16QAM	25	0	20.74	20.79	20.86	21.8	0.5
10	16QAM	25	12	20.87	20.63	20.68		
10	16QAM	25	25	20.94	20.89	20.64		
10	16QAM	50	0	20.58	20.81	20.87		
10	64QAM	1	0	20.60	20.63	20.59	21.8	0.5
10	64QAM	1	25	20.63	20.70	20.59		
10	64QAM	1	49	20.82	20.66	20.64		
10	64QAM	25	0	19.52	19.72	19.69	20.8	1.5
10	64QAM	25	12	19.90	19.63	19.72		
10	64QAM	25	25	19.69	19.61	19.81		
10	64QAM	50	0	19.75	19.80	19.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.02	21.20	20.85	22.3	0
5	QPSK	1	12	21.08	21.20	21.21		
5	QPSK	1	24	21.24	21.02	21.08		
5	QPSK	12	0	21.13	21.12	21.07	22.3	0
5	QPSK	12	7	21.28	21.19	21.06		
5	QPSK	12	13	21.12	21.02	21.08		
5	QPSK	25	0	21.03	21.14	21.11		
5	16QAM	1	0	21.22	21.10	21.15	22.3	0
5	16QAM	1	12	21.28	21.16	21.20		
5	16QAM	1	24	21.18	21.19	21.27		
5	16QAM	12	0	20.86	20.57	20.80	21.8	0.5
5	16QAM	12	7	20.78	20.89	20.97		
5	16QAM	12	13	21.03	20.65	20.81		
5	16QAM	25	0	20.80	20.89	20.59		
5	64QAM	1	0	20.59	20.76	20.47	21.8	0.5
5	64QAM	1	12	20.76	20.77	20.74		
5	64QAM	1	24	20.88	20.64	20.73		
5	64QAM	12	0	19.85	19.75	19.66	20.8	1.5
5	64QAM	12	7	19.58	19.59	19.90		
5	64QAM	12	13	19.84	19.64	19.81		
5	64QAM	25	0	19.80	19.77	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.74	17.69	17.74	17.71	17.62	18.9	0
20	QPSK	1	49	17.90	17.84	17.95	17.81	17.83		
20	QPSK	1	99	17.74	17.77	17.80	17.78	17.73		
20	QPSK	50	0	17.83	17.78	17.83	17.72	17.74	18.9	0
20	QPSK	50	24	17.88	17.82	17.90	17.79	17.80		
20	QPSK	50	50	17.85	17.80	17.87	17.78	17.78		
20	QPSK	100	0	17.84	17.84	17.88	17.85	17.77		
20	16QAM	1	0	17.90	17.88	17.88	17.84	17.77	18.9	0
20	16QAM	1	49	17.93	17.89	17.92	17.89	17.92		
20	16QAM	1	99	17.88	17.90	17.91	17.90	17.80		
20	16QAM	50	0	17.81	17.85	17.85	17.84	17.77	18.9	0
20	16QAM	50	24	17.87	17.86	17.93	17.92	17.81		
20	16QAM	50	50	17.86	17.85	17.92	17.89	17.80		
20	16QAM	100	0	17.83	17.84	17.87	17.89	17.78		
20	64QAM	1	0	17.64	17.68	17.72	17.64	17.62	18.9	0
20	64QAM	1	49	17.83	17.88	17.88	17.81	17.79		
20	64QAM	1	99	17.70	17.71	17.79	17.77	17.64		
20	64QAM	50	0	17.79	17.78	17.82	17.79	17.75	18.9	0
20	64QAM	50	24	17.82	17.84	17.88	17.89	17.79		
20	64QAM	50	50	17.84	17.82	17.90	17.89	17.82		
20	64QAM	100	0	17.81	17.81	17.89	17.86	17.75		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.61	17.66	17.54	17.61	17.58	18.9	0
15	QPSK	1	37	17.68	17.78	17.67	17.87	17.60		
15	QPSK	1	74	17.62	17.82	17.86	17.67	17.69		
15	QPSK	36	0	17.62	17.71	17.83	17.58	17.48	18.9	0
15	QPSK	36	20	17.60	17.79	17.62	17.57	17.52		
15	QPSK	36	39	17.77	17.86	17.76	17.75	17.67		
15	QPSK	75	0	17.58	17.67	17.91	17.64	17.56		
15	16QAM	1	0	17.82	17.73	17.63	17.79	17.60	18.9	0
15	16QAM	1	37	17.79	17.92	17.91	17.78	17.81		
15	16QAM	1	74	17.62	17.75	17.90	17.92	17.56		
15	16QAM	36	0	17.68	17.59	17.90	17.60	17.82	18.9	0
15	16QAM	36	20	17.67	17.91	17.82	17.91	17.81		
15	16QAM	36	39	17.87	17.57	17.82	17.70	17.64		
15	16QAM	75	0	17.82	17.58	17.80	17.85	17.84		
15	64QAM	1	0	17.63	17.65	17.50	17.46	17.48	18.9	0
15	64QAM	1	37	17.81	17.65	17.72	17.66	17.83		
15	64QAM	1	74	17.45	17.57	17.53	17.69	17.64		
15	64QAM	36	0	17.78	17.86	17.89	17.63	17.67	18.9	0
15	64QAM	36	20	17.69	17.78	17.77	17.69	17.57		
15	64QAM	36	39	17.68	17.80	17.67	17.75	17.60		
15	64QAM	75	0	17.66	17.79	17.71	17.75	17.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.59	17.41	17.51	17.77	17.46	18.9	0
10	QPSK	1	25	17.70	17.67	17.83	17.86	17.58		
10	QPSK	1	49	17.79	17.76	17.74	17.75	17.77		
10	QPSK	25	0	17.78	17.85	17.61	17.71	17.57	18.9	0
10	QPSK	25	12	17.66	17.86	17.75	17.62	17.79		
10	QPSK	25	25	17.88	17.66	17.81	17.86	17.80		
10	QPSK	50	0	17.72	17.59	17.72	17.84	17.50		
10	16QAM	1	0	17.89	17.86	17.90	17.60	17.72	18.9	0
10	16QAM	1	25	17.68	17.69	17.84	17.83	17.72		
10	16QAM	1	49	17.93	17.70	17.86	17.90	17.73		
10	16QAM	25	0	17.61	17.72	17.77	17.68	17.78	18.9	0
10	16QAM	25	12	17.77	17.87	17.82	17.69	17.89		
10	16QAM	25	25	17.63	17.85	17.83	17.66	17.61		
10	16QAM	50	0	17.87	17.62	17.67	17.65	17.73		
10	64QAM	1	0	17.46	17.59	17.71	17.49	17.44	18.9	0
10	64QAM	1	25	17.72	17.62	17.79	17.58	17.53		
10	64QAM	1	49	17.70	17.75	17.85	17.60	17.44		
10	64QAM	25	0	17.83	17.52	17.86	17.87	17.51	18.9	0
10	64QAM	25	12	17.54	17.81	17.83	17.80	17.77		
10	64QAM	25	25	17.59	17.56	17.92	17.86	17.85		
10	64QAM	50	0	17.72	17.86	17.77	17.86	17.68		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.81	17.69	17.61	17.67	17.47	18.9	0
5	QPSK	1	12	17.89	17.82	17.90	17.89	17.90		
5	QPSK	1	24	17.67	17.67	17.79	17.58	17.56		
5	QPSK	12	0	17.59	17.62	17.66	17.66	17.64	18.9	0
5	QPSK	12	7	17.73	17.74	17.73	17.72	17.67		
5	QPSK	12	13	17.77	17.79	17.81	17.68	17.60		
5	QPSK	25	0	17.56	17.91	17.75	17.64	17.75		
5	16QAM	1	0	17.88	17.81	17.83	17.67	17.80	18.9	0
5	16QAM	1	12	17.81	17.78	17.69	17.71	17.71		
5	16QAM	1	24	17.64	17.95	17.93	17.76	17.59		
5	16QAM	12	0	17.66	17.93	17.61	17.69	17.61	18.9	0
5	16QAM	12	7	17.78	17.85	17.68	17.84	17.84		
5	16QAM	12	13	17.76	17.60	17.83	17.61	17.58		
5	16QAM	25	0	17.77	17.61	17.61	17.91	17.70		
5	64QAM	1	0	17.55	17.41	17.61	17.57	17.68	18.9	0
5	64QAM	1	12	17.57	17.80	17.86	17.74	17.84		
5	64QAM	1	24	17.52	17.73	17.85	17.58	17.67		
5	64QAM	12	0	17.82	17.83	17.76	17.72	17.52	18.9	0
5	64QAM	12	7	17.66	17.72	17.92	17.68	17.84		
5	64QAM	12	13	17.81	17.67	17.82	17.68	17.54		
5	64QAM	25	0	17.87	17.67	17.84	17.83	17.70		

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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	21.14	21.13	21.26	21.21	21.18	22.3	0
20	QPSK	1	49	21.31	21.26	21.42	21.36	21.37		
20	QPSK	1	99	21.21	21.19	21.30	21.34	21.27		
20	QPSK	50	0	21.23	21.22	21.30	21.33	21.30	22.3	0
20	QPSK	50	24	21.29	21.24	21.40	21.34	21.35		
20	QPSK	50	50	21.27	21.23	21.34	21.30	21.33		
20	QPSK	100	0	21.27	21.26	21.38	21.30	21.32		
20	16QAM	1	0	21.35	21.33	21.35	21.39	21.33	22.3	0
20	16QAM	1	49	21.30	21.28	21.37	21.35	21.30		
20	16QAM	1	99	21.29	21.24	21.32	21.34	21.27		
20	16QAM	50	0	20.83	20.83	20.93	20.98	20.93	21.8	0.5
20	16QAM	50	24	20.89	20.86	20.99	21.03	20.96		
20	16QAM	50	50	20.88	20.86	20.97	21.03	20.97		
20	16QAM	100	0	20.85	20.83	20.95	20.99	20.93		
20	64QAM	1	0	20.77	20.73	20.82	20.81	20.75	21.8	0.5
20	64QAM	1	49	20.86	20.90	21.04	20.98	20.90		
20	64QAM	1	99	20.79	20.74	20.86	20.86	20.79		
20	64QAM	50	0	19.78	19.80	19.87	19.92	19.84	20.8	1.5
20	64QAM	50	24	19.84	19.83	19.94	19.98	19.91		
20	64QAM	50	50	19.84	19.82	19.92	19.91	19.95		
20	64QAM	100	0	19.82	19.80	19.92	19.90	19.87		
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	20.87	21.08	21.25	20.99	20.96	22.3	0
15	QPSK	1	37	21.11	21.13	21.15	21.08	21.14		
15	QPSK	1	74	21.02	20.93	21.32	21.25	21.23		
15	QPSK	36	0	21.02	21.01	21.34	21.38	21.20	22.3	0
15	QPSK	36	20	21.02	21.32	21.31	21.23	21.23		
15	QPSK	36	39	21.08	21.27	21.20	21.27	21.15		
15	QPSK	75	0	21.23	21.19	21.34	21.37	21.05		
15	16QAM	1	0	21.09	21.24	21.11	21.12	21.18	22.3	0
15	16QAM	1	37	21.26	21.29	21.31	21.28	21.04		
15	16QAM	1	74	21.24	21.22	21.23	21.26	21.11		
15	16QAM	36	0	20.78	20.79	20.82	21.00	20.82	21.8	0.5
15	16QAM	36	20	20.90	20.94	20.73	21.07	20.84		
15	16QAM	36	39	20.84	20.72	20.92	20.78	20.76		
15	16QAM	75	0	20.91	20.89	20.99	20.74	20.89		
15	64QAM	1	0	20.71	20.45	20.56	20.89	20.78	21.8	0.5
15	64QAM	1	37	20.60	20.85	21.01	20.71	20.94		
15	64QAM	1	74	20.71	20.51	20.93	20.73	20.67		
15	64QAM	36	0	19.57	19.79	19.94	19.80	19.88	20.8	1.5
15	64QAM	36	20	19.78	19.78	19.83	20.06	19.94		
15	64QAM	36	39	19.89	19.67	19.81	19.93	19.69		
15	64QAM	75	0	19.86	19.72	19.94	19.81	19.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.16	21.21	21.07	21.25	20.98	22.3	0
10	QPSK	1	25	21.03	21.24	21.35	21.19	21.27		
10	QPSK	1	49	21.25	20.95	21.16	21.10	21.26		
10	QPSK	25	0	20.96	21.11	21.30	21.36	21.27	22.3	0
10	QPSK	25	12	21.37	21.14	21.39	21.14	21.33		
10	QPSK	25	25	21.18	21.00	21.30	21.16	21.06		
10	QPSK	50	0	21.34	20.98	21.32	21.38	21.17		
10	16QAM	1	0	21.39	21.31	21.14	21.33	21.22	22.3	0
10	16QAM	1	25	21.26	21.30	21.35	21.30	21.13		
10	16QAM	1	49	21.32	21.08	21.39	21.35	21.15		
10	16QAM	25	0	20.79	20.83	20.82	20.82	20.95	21.8	0.5
10	16QAM	25	12	20.75	20.59	21.02	20.90	20.80		
10	16QAM	25	25	20.93	20.61	20.82	21.01	21.04		
10	16QAM	50	0	20.80	20.65	21.01	21.01	20.73		
10	64QAM	1	0	20.49	20.75	20.89	20.59	20.65	21.8	0.5
10	64QAM	1	25	20.72	20.92	20.93	21.00	20.93		
10	64QAM	1	49	20.84	20.71	20.79	20.90	20.83		
10	64QAM	25	0	19.69	19.62	19.62	19.99	19.88	20.8	1.5
10	64QAM	25	12	19.78	19.79	19.83	19.97	19.99		
10	64QAM	25	25	19.86	19.54	19.80	19.82	19.90		
10	64QAM	50	0	19.81	19.68	19.88	19.71	19.84		
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	20.99	21.12	21.30	20.97	21.19	22.3	0
5	QPSK	1	12	21.19	21.03	21.21	21.39	21.34		
5	QPSK	1	24	21.08	21.23	21.17	21.39	21.20		
5	QPSK	12	0	21.27	21.07	21.16	21.19	21.04	22.3	0
5	QPSK	12	7	21.29	21.14	21.38	21.21	21.14		
5	QPSK	12	13	21.34	21.16	21.31	21.07	21.38		
5	QPSK	25	0	21.32	21.02	21.30	21.23	21.17		
5	16QAM	1	0	21.32	21.26	21.28	21.20	21.19	22.3	0
5	16QAM	1	12	21.36	21.00	21.29	21.07	21.27		
5	16QAM	1	24	21.22	21.19	21.17	21.08	21.26		
5	16QAM	12	0	20.77	20.86	20.88	21.02	20.86	21.8	0.5
5	16QAM	12	7	20.93	20.71	20.86	21.03	21.01		
5	16QAM	12	13	20.64	20.85	20.83	20.88	20.70		
5	16QAM	25	0	20.86	20.80	20.74	20.95	20.82		
5	64QAM	1	0	20.78	20.72	20.88	20.65	20.83	21.8	0.5
5	64QAM	1	12	20.62	20.65	20.81	21.03	20.88		
5	64QAM	1	24	20.60	20.60	20.69	20.91	20.63		
5	64QAM	12	0	19.62	19.65	19.74	19.97	19.61	20.8	1.5
5	64QAM	12	7	19.67	19.63	19.81	19.84	19.96		
5	64QAM	12	13	19.68	19.75	19.70	19.71	19.70		
5	64QAM	25	0	19.84	19.87	19.69	19.96	19.74		

Full/Default Power --ENDC

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	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	21	3

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	21.52	21.47	21.56	23	0
20	QPSK	1	49	21.61	21.96	21.80		
20	QPSK	1	99	21.50	21.60	21.73		
20	QPSK	50	0	20.48	20.60	20.82	22	1
20	QPSK	50	24	20.57	20.88	20.86		
20	QPSK	50	50	20.54	20.68	20.85		
20	QPSK	100	0	20.48	20.87	20.83		
20	16QAM	1	0	20.60	20.74	20.84	22	1
20	16QAM	1	49	20.83	20.95	21.05		
20	16QAM	1	99	20.75	20.82	20.93		
20	16QAM	50	0	19.47	19.61	19.78	21	2
20	16QAM	50	24	19.58	19.65	19.79		
20	16QAM	50	50	19.57	19.65	19.93		
20	16QAM	100	0	19.46	19.61	19.84		
20	64QAM	1	0	19.50	19.58	19.66	21	2
20	64QAM	1	49	19.74	19.81	19.87		
20	64QAM	1	99	19.62	19.68	19.80		
20	64QAM	50	0	18.44	18.54	18.76	20	3
20	64QAM	50	24	18.56	18.66	18.78		
20	64QAM	50	50	18.52	18.66	18.91		
20	64QAM	100	0	18.47	18.59	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.82	21.88	21.87	23	0
15	QPSK	1	37	21.82	21.86	21.84		
15	QPSK	1	74	21.85	21.95	21.89		
15	QPSK	36	0	20.59	20.75	20.78	22	1
15	QPSK	36	20	20.70	20.75	20.80		
15	QPSK	36	39	20.68	20.77	20.85		
15	QPSK	75	0	20.66	20.81	20.84		
15	16QAM	1	0	21.13	20.97	20.92	22	1
15	16QAM	1	37	21.16	21.00	21.06		
15	16QAM	1	74	21.22	20.98	21.00		
15	16QAM	36	0	19.70	19.72	19.74	21	2
15	16QAM	36	20	19.70	19.78	19.78		
15	16QAM	36	39	19.68	19.80	19.84		
15	16QAM	75	0	19.66	19.79	19.86		
15	64QAM	1	0	19.56	19.72	19.67	21	2
15	64QAM	1	37	19.79	19.82	19.99		
15	64QAM	1	74	19.70	20.02	19.74		
15	64QAM	36	0	18.61	18.70	18.77	20	3
15	64QAM	36	20	18.64	18.78	18.83		
15	64QAM	36	39	18.64	18.71	18.92		
15	64QAM	75	0	18.68	18.76	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.67	21.75	21.72	23	0
10	QPSK	1	25	21.65	21.94	21.73		
10	QPSK	1	49	21.65	21.85	21.75		
10	QPSK	25	0	20.63	20.75	20.70	22	1
10	QPSK	25	12	20.70	20.77	20.80		
10	QPSK	25	25	20.68	20.82	20.80		
10	QPSK	50	0	20.69	20.82	20.76		
10	16QAM	1	0	20.85	21.14	21.16	22	1
10	16QAM	1	25	20.95	21.21	21.30		
10	16QAM	1	49	21.04	21.19	21.23		
10	16QAM	25	0	19.62	19.70	19.64	21	2
10	16QAM	25	12	19.64	19.70	19.70		
10	16QAM	25	25	19.66	19.77	19.80		
10	16QAM	50	0	19.66	19.79	19.76		
10	64QAM	1	0	19.93	20.06	19.83	21	2
10	64QAM	1	25	20.00	20.14	20.05		
10	64QAM	1	49	19.99	20.05	19.98		
10	64QAM	25	0	18.61	18.75	18.67	20	3
10	64QAM	25	12	18.65	18.70	18.74		
10	64QAM	25	25	18.69	18.77	18.82		
10	64QAM	50	0	18.63	18.75	18.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.69	21.73	21.72	23	0
5	QPSK	1	12	21.76	21.79	21.90		
5	QPSK	1	24	21.64	21.76	21.78		
5	QPSK	12	0	20.72	20.79	20.82	22	1
5	QPSK	12	7	20.68	20.75	20.82		
5	QPSK	12	13	20.72	20.77	20.83		
5	QPSK	25	0	20.72	20.73	20.81		
5	16QAM	1	0	20.73	20.84	20.81	22	1
5	16QAM	1	12	20.77	20.89	20.97		
5	16QAM	1	24	20.77	20.86	20.88		
5	16QAM	12	0	19.65	19.75	19.84	21	2
5	16QAM	12	7	19.60	19.74	19.84		
5	16QAM	12	13	19.69	19.71	19.74		
5	16QAM	25	0	19.72	19.72	19.81		
5	64QAM	1	0	19.67	19.98	20.09	21	2
5	64QAM	1	12	19.68	19.98	20.13		
5	64QAM	1	24	19.92	19.96	20.09		
5	64QAM	12	0	18.67	18.81	18.72	20	3
5	64QAM	12	7	18.68	18.77	18.82		
5	64QAM	12	13	18.62	18.79	18.76		
5	64QAM	25	0	18.58	18.67	18.81		

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	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

Reduced Power Mode for DSI2--ENDC

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	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	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	10.53	10.52	10.61	12	0
20	QPSK	1	49	10.72	10.89	10.79		
20	QPSK	1	99	10.70	10.79	10.73		
20	QPSK	50	0	10.59	10.69	10.74	12	0
20	QPSK	50	24	10.68	10.85	10.84		
20	QPSK	50	50	10.67	10.74	10.83		
20	QPSK	100	0	10.57	10.84	10.81		
20	16QAM	1	0	10.75	10.83	10.52	12	0
20	16QAM	1	49	10.86	10.65	10.83		
20	16QAM	1	99	10.87	10.87	10.79		
20	16QAM	50	0	10.52	10.74	10.72	12	0
20	16QAM	50	24	10.64	10.82	10.76		
20	16QAM	50	50	10.64	10.80	10.84		
20	16QAM	100	0	10.55	10.70	10.83		
20	64QAM	1	0	10.82	10.70	10.59	12	0
20	64QAM	1	49	10.84	10.84	10.63		
20	64QAM	1	99	10.74	10.87	10.71		
20	64QAM	50	0	10.57	10.69	10.76	12	0
20	64QAM	50	24	10.64	10.78	10.74		
20	64QAM	50	50	10.65	10.74	10.84		
20	64QAM	100	0	10.56	10.70	10.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.46	10.57	10.37	12	0
15	QPSK	1	37	10.64	10.72	10.87		
15	QPSK	1	74	10.71	10.80	10.69		
15	QPSK	36	0	10.52	10.53	10.55	12	0
15	QPSK	36	20	10.57	10.73	10.65		
15	QPSK	36	39	10.75	10.52	10.71		
15	QPSK	75	0	10.34	10.57	10.65		
15	16QAM	1	0	10.60	10.62	10.51	12	0
15	16QAM	1	37	10.88	10.55	10.65		
15	16QAM	1	74	10.85	10.87	10.55		
15	16QAM	36	0	10.36	10.48	10.64	12	0
15	16QAM	36	20	10.51	10.71	10.48		
15	16QAM	36	39	10.59	10.83	10.88		
15	16QAM	75	0	10.47	10.50	10.88		
15	64QAM	1	0	10.61	10.56	10.55	12	0
15	64QAM	1	37	10.87	10.60	10.46		
15	64QAM	1	74	10.77	10.85	10.74		
15	64QAM	36	0	10.41	10.56	10.52	12	0
15	64QAM	36	20	10.38	10.51	10.52		
15	64QAM	36	39	10.47	10.70	10.57		
15	64QAM	75	0	10.35	10.56	10.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.57	10.58	10.59	12	0
10	QPSK	1	25	10.77	10.68	10.70		
10	QPSK	1	49	10.58	10.54	10.62		
10	QPSK	25	0	10.33	10.74	10.55	12	0
10	QPSK	25	12	10.47	10.85	10.60		
10	QPSK	25	25	10.49	10.63	10.72		
10	QPSK	50	0	10.32	10.69	10.66		
10	16QAM	1	0	10.62	10.59	10.37	12	0
10	16QAM	1	25	10.63	10.47	10.67		
10	16QAM	1	49	10.69	10.65	10.76		
10	16QAM	25	0	10.55	10.48	10.67	12	0
10	16QAM	25	12	10.67	10.55	10.48		
10	16QAM	25	25	10.43	10.54	10.65		
10	16QAM	50	0	10.55	10.49	10.59		
10	64QAM	1	0	10.88	10.54	10.41	12	0
10	64QAM	1	25	10.83	10.77	10.64		
10	64QAM	1	49	10.70	10.78	10.44		
10	64QAM	25	0	10.43	10.58	10.63	12	0
10	64QAM	25	12	10.65	10.63	10.77		
10	64QAM	25	25	10.71	10.69	10.68		
10	64QAM	50	0	10.28	10.43	10.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	10.47	10.24	10.49	12	0
5	QPSK	1	12	10.75	10.72	10.87		
5	QPSK	1	24	10.69	10.79	10.73		
5	QPSK	12	0	10.53	10.42	10.80	12	0
5	QPSK	12	7	10.41	10.60	10.57		
5	QPSK	12	13	10.49	10.68	10.59		
5	QPSK	25	0	10.63	10.76	10.82		
5	16QAM	1	0	10.59	10.69	10.53	12	0
5	16QAM	1	12	10.86	10.53	10.79		
5	16QAM	1	24	10.71	10.84	10.60		
5	16QAM	12	0	10.54	10.69	10.55	12	0
5	16QAM	12	7	10.72	10.56	10.74		
5	16QAM	12	13	10.66	10.86	10.86		
5	16QAM	25	0	10.47	10.66	10.87		
5	64QAM	1	0	10.75	10.72	10.35	12	0
5	64QAM	1	12	10.60	10.67	10.58		
5	64QAM	1	24	10.54	10.70	10.73		
5	64QAM	12	0	10.62	10.41	10.75	12	0
5	64QAM	12	7	10.61	10.61	10.56		
5	64QAM	12	13	10.46	10.77	10.75		
5	64QAM	25	0	10.64	10.52	10.55		

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	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

Reduced Power Mode for DSI3--ENDC

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	22.99	22.94	22.88	24	0
20	QPSK	1	49	23.00	23.03	22.91		
20	QPSK	1	99	22.76	22.74	22.83		
20	QPSK	50	0	21.91	21.99	21.92	23	1
20	QPSK	50	24	21.99	22.02	21.93		
20	QPSK	50	50	21.90	21.85	21.86		
20	QPSK	100	0	21.89	21.96	21.89		
20	16QAM	1	0	22.05	21.98	22.25	23	1
20	16QAM	1	49	22.08	22.09	22.32		
20	16QAM	1	99	21.82	21.84	22.10		
20	16QAM	50	0	20.90	20.91	20.88	22	2
20	16QAM	50	24	20.94	20.91	20.86		
20	16QAM	50	50	20.82	20.80	20.80		
20	16QAM	100	0	20.86	20.82	20.86		
20	64QAM	1	0	20.93	21.11	21.06	22	2
20	64QAM	1	49	20.96	21.19	21.15		
20	64QAM	1	99	20.79	20.92	21.02		
20	64QAM	50	0	19.92	19.92	19.88	21	3
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.88	19.84	19.80		
20	64QAM	100	0	19.83	19.79	19.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.73	22.67	22.60	24	0
15	QPSK	1	37	22.75	22.73	22.73		
15	QPSK	1	74	22.64	22.60	22.67		
15	QPSK	36	0	21.69	21.68	21.64	23	1
15	QPSK	36	20	21.69	21.70	21.68		
15	QPSK	36	39	21.64	21.60	21.69		
15	QPSK	75	0	21.66	21.66	21.69		
15	16QAM	1	0	21.91	21.89	21.83	23	1
15	16QAM	1	37	21.95	21.96	21.92		
15	16QAM	1	74	21.88	21.78	21.81		
15	16QAM	36	0	20.64	20.70	20.66	22	2
15	16QAM	36	20	20.69	20.68	20.70		
15	16QAM	36	39	20.57	20.58	20.68		
15	16QAM	75	0	20.65	20.60	20.66		
15	64QAM	1	0	20.82	20.80	20.74	22	2
15	64QAM	1	37	20.86	20.84	20.87		
15	64QAM	1	74	20.78	20.69	20.74		
15	64QAM	36	0	19.68	19.70	19.64	21	3
15	64QAM	36	20	19.66	19.68	19.68		
15	64QAM	36	39	19.63	19.59	19.68		
15	64QAM	75	0	19.65	19.63	19.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.75	22.71	22.70	24	0
10	QPSK	1	25	22.75	22.75	22.77		
10	QPSK	1	49	22.65	22.63	22.72		
10	QPSK	25	0	21.67	21.67	21.74	23	1
10	QPSK	25	12	21.69	21.65	21.71		
10	QPSK	25	25	21.66	21.64	21.69		
10	QPSK	50	0	21.69	21.69	21.73		
10	16QAM	1	0	21.93	21.92	21.90	23	1
10	16QAM	1	25	21.92	21.94	21.96		
10	16QAM	1	49	21.86	21.83	21.88		
10	16QAM	25	0	20.70	20.69	20.69	22	2
10	16QAM	25	12	20.68	20.67	20.71		
10	16QAM	25	25	20.63	20.64	20.74		
10	16QAM	50	0	20.64	20.67	20.70		
10	64QAM	1	0	20.81	20.84	20.76	22	2
10	64QAM	1	25	20.79	20.87	20.82		
10	64QAM	1	49	20.73	20.76	20.76		
10	64QAM	25	0	19.65	19.67	19.70	21	3
10	64QAM	25	12	19.68	19.64	19.69		
10	64QAM	25	25	19.61	19.60	19.68		
10	64QAM	50	0	19.64	19.65	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.78	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.74	22.78		
5	QPSK	1	24	22.68	22.69	22.79		
5	QPSK	12	0	21.70	21.68	21.74	23	1
5	QPSK	12	7	21.69	21.68	21.75		
5	QPSK	12	13	21.63	21.66	21.70		
5	QPSK	25	0	21.70	21.69	21.74		
5	16QAM	1	0	21.95	21.94	21.91	23	1
5	16QAM	1	12	21.93	21.96	21.95		
5	16QAM	1	24	21.86	21.89	21.90		
5	16QAM	12	0	20.67	20.67	20.70	22	2
5	16QAM	12	7	20.67	20.63	20.71		
5	16QAM	12	13	20.65	20.64	20.66		
5	16QAM	25	0	20.68	20.66	20.71		
5	64QAM	1	0	20.85	20.84	20.83	22	2
5	64QAM	1	12	20.84	20.84	20.86		
5	64QAM	1	24	20.77	20.80	20.82		
5	64QAM	12	0	19.66	19.67	19.69	21	3
5	64QAM	12	7	19.69	19.63	19.73		
5	64QAM	12	13	19.62	19.64	19.66		
5	64QAM	25	0	19.67	19.64	19.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.68	22.72	24	0
3	QPSK	1	8	22.71	22.69	22.75		
3	QPSK	1	14	22.67	22.69	22.74		
3	QPSK	8	0	21.70	21.66	21.74	23	1
3	QPSK	8	4	21.68	21.65	21.72		
3	QPSK	8	7	21.67	21.62	21.70		
3	QPSK	15	0	21.68	21.63	21.72		
3	16QAM	1	0	21.95	21.90	21.91	23	1
3	16QAM	1	8	21.90	21.91	21.92		
3	16QAM	1	14	21.85	21.90	21.89		
3	16QAM	8	0	20.76	20.72	20.79	22	2
3	16QAM	8	4	20.73	20.69	20.77		
3	16QAM	8	7	20.71	20.67	20.75		
3	16QAM	15	0	20.70	20.65	20.74		
3	64QAM	1	0	20.83	20.79	20.79	22	2
3	64QAM	1	8	20.82	20.80	20.81		
3	64QAM	1	14	20.75	20.78	20.82		
3	64QAM	8	0	19.72	19.65	19.74	21	3
3	64QAM	8	4	19.68	19.63	19.73		
3	64QAM	8	7	19.68	19.63	19.71		
3	64QAM	15	0	19.65	19.60	19.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.74	22.67	22.72	24	0
1.4	QPSK	1	3	22.77	22.69	22.75		
1.4	QPSK	1	5	22.75	22.67	22.72		
1.4	QPSK	3	0	22.77	22.70	22.76		
1.4	QPSK	3	1	22.77	22.72	22.76		
1.4	QPSK	3	3	22.76	22.69	22.77		
1.4	QPSK	6	0	21.77	21.70	21.74	23	1
1.4	16QAM	1	0	21.94	21.90	21.89	23	1
1.4	16QAM	1	3	21.95	21.89	21.91		
1.4	16QAM	1	5	21.94	21.89	21.88		
1.4	16QAM	3	0	21.78	21.71	21.76		
1.4	16QAM	3	1	21.79	21.72	21.78		
1.4	16QAM	3	3	21.77	21.68	21.77		
1.4	16QAM	6	0	20.79	20.74	20.79	22	2
1.4	64QAM	1	0	20.84	20.79	20.87	22	2
1.4	64QAM	1	3	20.83	20.79	20.87		
1.4	64QAM	1	5	20.86	20.79	20.86		
1.4	64QAM	3	0	20.82	20.78	20.81		
1.4	64QAM	3	1	20.84	20.79	20.82		
1.4	64QAM	3	3	20.83	20.75	20.81		
1.4	64QAM	6	0	19.68	19.63	19.65	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	8.09	8.04	8.08	9	0
20	QPSK	1	49	8.15	8.16	8.14		
20	QPSK	1	99	8.04	8.08	8.12		
20	QPSK	50	0	8.08	8.08	8.08	9	0
20	QPSK	50	24	8.12	8.14	8.11		
20	QPSK	50	50	8.07	8.10	8.05		
20	QPSK	100	0	8.07	8.12	8.11		
20	16QAM	1	0	7.83	8.06	8.06	9	0
20	16QAM	1	49	7.80	8.06	7.97		
20	16QAM	1	99	7.78	8.02	7.76		
20	16QAM	50	0	7.80	8.01	7.85	9	0
20	16QAM	50	24	8.04	8.07	8.04		
20	16QAM	50	50	7.99	8.06	7.83		
20	16QAM	100	0	7.99	8.10	7.99		
20	64QAM	1	0	8.04	8.11	8.05	9	0
20	64QAM	1	49	7.87	8.14	8.03		
20	64QAM	1	99	8.15	8.12	7.91		
20	64QAM	50	0	7.98	8.03	8.06	9	0
20	64QAM	50	24	8.02	8.05	7.98		
20	64QAM	50	50	7.96	8.12	7.85		
20	64QAM	100	0	8.09	8.05	8.04		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	7.97	8.10	7.95	9	0
15	QPSK	1	37	7.88	7.93	8.10		
15	QPSK	1	74	7.84	7.99	8.13		
15	QPSK	36	0	7.92	8.14	7.96	9	0
15	QPSK	36	20	8.00	8.01	7.95		
15	QPSK	36	39	8.03	7.94	7.83		
15	QPSK	75	0	7.98	7.89	7.85		
15	16QAM	1	0	7.79	8.02	7.92	9	0
15	16QAM	1	37	7.69	7.91	7.92		
15	16QAM	1	74	7.61	7.92	7.62		
15	16QAM	36	0	7.83	7.81	7.82	9	0
15	16QAM	36	20	8.04	7.82	8.00		
15	16QAM	36	39	7.95	7.88	7.89		
15	16QAM	75	0	7.86	7.85	7.88		
15	64QAM	1	0	7.92	8.06	7.92	9	0
15	64QAM	1	37	7.91	8.09	8.03		
15	64QAM	1	74	8.04	7.89	7.94		
15	64QAM	36	0	7.76	7.92	8.06	9	0
15	64QAM	36	20	8.06	7.85	7.70		
15	64QAM	36	39	7.85	7.88	7.63		
15	64QAM	75	0	8.14	7.96	7.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	8.10	7.97	7.92	9	0
10	QPSK	1	25	8.13	7.97	8.07		
10	QPSK	1	49	7.85	8.15	7.95		
10	QPSK	25	0	7.80	8.12	8.02	9	0
10	QPSK	25	12	7.96	8.07	7.89		
10	QPSK	25	25	8.10	7.98	7.82		
10	QPSK	50	0	7.88	7.90	8.13		
10	16QAM	1	0	7.77	8.05	8.01	9	0
10	16QAM	1	25	7.78	7.80	7.98		
10	16QAM	1	49	7.76	7.74	7.64		
10	16QAM	25	0	7.73	8.01	7.76	9	0
10	16QAM	25	12	8.03	7.90	7.82		
10	16QAM	25	25	7.87	8.08	7.58		
10	16QAM	50	0	7.72	8.15	7.84		
10	64QAM	1	0	7.89	8.07	7.82	9	0
10	64QAM	1	25	7.74	8.15	7.96		
10	64QAM	1	49	7.97	7.90	7.92		
10	64QAM	25	0	7.87	7.99	8.04	9	0
10	64QAM	25	12	7.88	8.13	7.80		
10	64QAM	25	25	7.75	8.00	7.79		
10	64QAM	50	0	8.14	7.89	7.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	7.92	7.98	7.90	9	0
5	QPSK	1	12	8.15	7.98	8.09		
5	QPSK	1	24	8.12	7.84	7.86		
5	QPSK	12	0	8.05	7.88	8.08	9	0
5	QPSK	12	7	7.98	7.95	8.11		
5	QPSK	12	13	7.90	7.99	7.98		
5	QPSK	25	0	8.02	7.97	7.83		
5	16QAM	1	0	7.77	8.14	7.86	9	0
5	16QAM	1	12	7.84	7.95	7.99		
5	16QAM	1	24	7.75	7.77	7.56		
5	16QAM	12	0	7.53	7.82	7.70	9	0
5	16QAM	12	7	8.10	7.92	7.97		
5	16QAM	12	13	7.79	7.96	7.55		
5	16QAM	25	0	7.82	8.10	7.80		
5	64QAM	1	0	7.76	8.14	7.85	9	0
5	64QAM	1	12	7.64	8.13	7.91		
5	64QAM	1	24	8.00	8.12	7.71		
5	64QAM	12	0	7.88	7.83	8.13	9	0
5	64QAM	12	7	8.04	7.93	7.75		
5	64QAM	12	13	7.85	7.84	7.68		
5	64QAM	25	0	8.14	7.90	8.01		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.99	21.86	22.00	23.5	0
20	QPSK	1	49	22.21	22.29	22.21		
20	QPSK	1	99	21.93	22.02	22.20		
20	QPSK	50	0	21.03	21.10	21.19	22.5	1
20	QPSK	50	24	21.18	21.23	21.21		
20	QPSK	50	50	21.13	21.22	21.19		
20	QPSK	100	0	21.02	21.20	21.14		
20	16QAM	1	0	21.34	21.48	21.16	22.5	1
20	16QAM	1	49	21.52	21.70	21.38		
20	16QAM	1	99	21.47	21.57	21.30		
20	16QAM	50	0	19.95	20.06	20.26	21.5	2
20	16QAM	50	24	20.07	20.20	20.22		
20	16QAM	50	50	20.06	20.10	20.38		
20	16QAM	100	0	19.99	20.12	20.33		
20	64QAM	1	0	20.00	20.14	20.29	21.5	2
20	64QAM	1	49	20.29	20.28	20.44		
20	64QAM	1	99	20.11	20.20	20.41		
20	64QAM	50	0	18.94	19.05	19.28	20.5	3
20	64QAM	50	24	19.01	19.09	19.24		
20	64QAM	50	50	18.97	19.13	19.40		
20	64QAM	100	0	18.97	19.12	19.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.20	22.12	23.5	0
15	QPSK	1	37	22.18	22.28	22.16		
15	QPSK	1	74	22.13	22.19	22.24		
15	QPSK	36	0	21.03	21.18	21.19	22.5	1
15	QPSK	36	20	21.11	21.21	21.23		
15	QPSK	36	39	21.13	21.25	21.33		
15	QPSK	75	0	21.07	21.24	21.30		
15	16QAM	1	0	21.26	21.39	21.35	22.5	1
15	16QAM	1	37	21.41	21.48	21.54		
15	16QAM	1	74	21.32	21.37	21.42		
15	16QAM	36	0	20.05	20.19	20.19	21.5	2
15	16QAM	36	20	20.12	20.24	20.26		
15	16QAM	36	39	20.15	20.23	20.35		
15	16QAM	75	0	20.04	20.21	20.26		
15	64QAM	1	0	20.13	20.29	20.22	21.5	2
15	64QAM	1	37	20.30	20.41	20.41		
15	64QAM	1	74	20.22	20.29	20.30		
15	64QAM	36	0	19.00	19.23	19.19	20.5	3
15	64QAM	36	20	19.08	19.21	19.25		
15	64QAM	36	39	19.12	19.20	19.33		
15	64QAM	75	0	19.02	19.19	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.07	22.20	22.19	23.5	0
10	QPSK	1	25	22.17	22.26	22.27		
10	QPSK	1	49	22.15	22.24	22.22		
10	QPSK	25	0	21.08	21.18	21.12	22.5	1
10	QPSK	25	12	21.10	21.24	21.22		
10	QPSK	25	25	21.12	21.25	21.32		
10	QPSK	50	0	21.16	21.24	21.23		
10	16QAM	1	0	21.27	21.46	21.39	22.5	1
10	16QAM	1	25	21.35	21.48	21.50		
10	16QAM	1	49	21.31	21.44	21.43		
10	16QAM	25	0	20.05	20.19	20.13	21.5	2
10	16QAM	25	12	20.09	20.19	20.22		
10	16QAM	25	25	20.11	20.23	20.32		
10	16QAM	50	0	20.14	20.22	20.21		
10	64QAM	1	0	20.16	20.29	20.31	21.5	2
10	64QAM	1	25	20.27	20.34	20.43		
10	64QAM	1	49	20.26	20.30	20.37		
10	64QAM	25	0	19.06	19.21	19.12	20.5	3
10	64QAM	25	12	19.09	19.22	19.23		
10	64QAM	25	25	19.09	19.26	19.29		
10	64QAM	50	0	19.07	19.21	19.19		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.11	22.26	22.26	23.5	0
5	QPSK	1	12	22.16	22.25	22.17		
5	QPSK	1	24	22.16	22.27	22.22		
5	QPSK	12	0	21.11	21.25	21.26	22.5	1
5	QPSK	12	7	21.10	21.22	21.28		
5	QPSK	12	13	21.17	21.20	21.24		
5	QPSK	25	0	21.13	21.22	21.28		
5	16QAM	1	0	21.29	21.43	21.49	22.5	1
5	16QAM	1	12	21.30	21.45	21.52		
5	16QAM	1	24	21.33	21.42	21.46		
5	16QAM	12	0	20.06	20.21	20.23	21.5	2
5	16QAM	12	7	20.07	20.15	20.26		
5	16QAM	12	13	20.11	20.19	20.21		
5	16QAM	25	0	20.12	20.22	20.23		
5	64QAM	1	0	20.20	20.34	20.35	21.5	2
5	64QAM	1	12	20.20	20.38	20.43		
5	64QAM	1	24	20.20	20.32	20.35		
5	64QAM	12	0	19.08	19.23	19.25	20.5	3
5	64QAM	12	7	19.09	19.20	19.26		
5	64QAM	12	13	19.14	19.17	19.24		
5	64QAM	25	0	19.06	19.17	19.22		

Reduced Power Mode for DSI4--ENDC

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	19.73	19.81	19.81	21	0
20	QPSK	1	49	19.86	19.99	19.95		
20	QPSK	1	99	19.71	19.83	19.83		
20	QPSK	50	0	19.71	19.85	19.90	21	0
20	QPSK	50	24	19.84	19.97	19.93		
20	QPSK	50	50	19.72	19.92	19.91		
20	QPSK	100	0	19.80	19.95	19.89		
20	16QAM	1	0	19.58	19.94	19.70	21	0
20	16QAM	1	49	19.82	19.90	19.64		
20	16QAM	1	99	19.58	19.92	19.90		
20	16QAM	50	0	19.46	19.83	19.85	21	0
20	16QAM	50	24	19.58	19.88	19.90		
20	16QAM	50	50	19.62	19.84	19.68		
20	16QAM	100	0	19.70	19.85	19.70		
20	64QAM	1	0	19.51	19.87	19.81	21	0
20	64QAM	1	49	19.80	19.96	19.98		
20	64QAM	1	99	19.70	19.82	19.87		
20	64QAM	50	0	18.77	18.82	18.76	20	1
20	64QAM	50	24	18.72	18.89	18.62		
20	64QAM	50	50	18.60	18.88	18.83		
20	64QAM	100	0	18.48	18.82	18.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.58	19.74	19.57	21	0
15	QPSK	1	37	19.91	19.91	19.75		
15	QPSK	1	74	19.46	19.55	19.55		
15	QPSK	36	0	19.72	19.74	19.95	21	0
15	QPSK	36	20	19.66	19.90	19.77		
15	QPSK	36	39	19.78	19.97	19.87		
15	QPSK	75	0	19.76	19.78	19.63		
15	16QAM	1	0	19.66	19.99	19.68	21	0
15	16QAM	1	37	19.90	19.90	19.60		
15	16QAM	1	74	19.54	19.79	19.96		
15	16QAM	36	0	19.69	19.70	19.93	21	0
15	16QAM	36	20	19.56	19.67	19.75		
15	16QAM	36	39	19.60	19.65	19.60		
15	16QAM	75	0	19.77	19.82	19.50		
15	64QAM	1	0	19.47	19.83	19.55	21	0
15	64QAM	1	37	19.53	19.93	19.95		
15	64QAM	1	74	19.49	19.86	19.78		
15	64QAM	36	0	18.53	18.89	18.48	20	1
15	64QAM	36	20	18.48	18.75	18.49		
15	64QAM	36	39	18.43	18.68	18.78		
15	64QAM	75	0	18.51	18.83	18.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.49	19.59	19.85	21	0
10	QPSK	1	25	19.92	19.94	19.85		
10	QPSK	1	49	19.57	19.88	19.74		
10	QPSK	25	0	19.50	19.73	19.62	21	0
10	QPSK	25	12	19.85	19.89	19.85		
10	QPSK	25	25	19.62	19.68	19.77		
10	QPSK	50	0	19.66	19.67	19.92		
10	16QAM	1	0	19.40	19.84	19.58	21	0
10	16QAM	1	25	19.61	19.73	19.52		
10	16QAM	1	49	19.64	19.81	19.64		
10	16QAM	25	0	19.40	19.89	19.58	21	0
10	16QAM	25	12	19.44	19.62	19.72		
10	16QAM	25	25	19.63	19.56	19.58		
10	16QAM	50	0	19.73	19.60	19.78		
10	64QAM	1	0	19.38	19.69	19.70	21	0
10	64QAM	1	25	19.77	19.70	19.86		
10	64QAM	1	49	19.73	19.55	19.59		
10	64QAM	25	0	18.67	18.67	18.51	20	1
10	64QAM	25	12	18.64	18.70	18.54		
10	64QAM	25	25	18.53	18.64	18.74		
10	64QAM	50	0	18.25	18.68	18.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.51	19.56	19.56	21	0
5	QPSK	1	12	19.64	19.91	19.92		
5	QPSK	1	24	19.71	19.73	19.57		
5	QPSK	12	0	19.45	19.90	19.80	21	0
5	QPSK	12	7	19.61	19.85	19.90		
5	QPSK	12	13	19.47	19.90	19.73		
5	QPSK	25	0	19.86	19.88	19.68		
5	16QAM	1	0	19.61	19.98	19.62	21	0
5	16QAM	1	12	19.59	19.87	19.65		
5	16QAM	1	24	19.60	19.81	19.64		
5	16QAM	12	0	19.49	19.75	19.87	21	0
5	16QAM	12	7	19.56	19.71	19.93		
5	16QAM	12	13	19.54	19.68	19.58		
5	16QAM	25	0	19.58	19.82	19.61		
5	64QAM	1	0	19.54	19.67	19.56	21	0
5	64QAM	1	12	19.87	19.79	19.97		
5	64QAM	1	24	19.67	19.61	19.86		
5	64QAM	12	0	18.72	18.64	18.70	20	1
5	64QAM	12	7	18.70	18.92	18.66		
5	64QAM	12	13	18.54	18.64	18.62		
5	64QAM	25	0	18.47	18.75	18.52		

Reduced Power Mode for DSI5--ENDC

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	20.07	20.04	19.94	21	0
20	QPSK	1	49	20.11	20.13	20.06		
20	QPSK	1	99	19.97	19.95	19.97		
20	QPSK	50	0	20.05	20.09	20.03	21	0
20	QPSK	50	24	20.08	20.11	20.05		
20	QPSK	50	50	20.04	20.05	19.98		
20	QPSK	100	0	20.07	20.08	20.01		
20	16QAM	1	0	19.95	20.02	19.85	21	0
20	16QAM	1	49	19.92	20.09	20.00		
20	16QAM	1	99	20.10	20.04	20.02		
20	16QAM	50	0	19.86	20.09	19.84	21	0
20	16QAM	50	24	20.07	20.10	20.10		
20	16QAM	50	50	20.10	20.05	19.86		
20	16QAM	100	0	19.92	20.04	20.06		
20	64QAM	1	0	20.00	20.06	20.08	21	0
20	64QAM	1	49	19.89	20.08	19.97		
20	64QAM	1	99	19.90	19.94	20.01		
20	64QAM	50	0	20.10	20.09	20.02	21	0
20	64QAM	50	24	20.07	20.08	19.98		
20	64QAM	50	50	20.05	19.97	19.97		
20	64QAM	100	0	19.79	20.03	19.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.07	19.95	19.90	21	0
15	QPSK	1	37	19.87	20.04	19.79		
15	QPSK	1	74	19.70	20.01	20.03		
15	QPSK	36	0	19.87	19.84	20.01	21	0
15	QPSK	36	20	20.01	20.02	19.85		
15	QPSK	36	39	20.03	19.90	19.74		
15	QPSK	75	0	20.03	19.86	19.88		
15	16QAM	1	0	19.76	20.03	19.80	21	0
15	16QAM	1	37	19.91	20.04	20.04		
15	16QAM	1	74	19.83	20.04	20.03		
15	16QAM	36	0	19.74	20.05	19.77	21	0
15	16QAM	36	20	20.08	20.03	20.07		
15	16QAM	36	39	19.90	20.03	19.85		
15	16QAM	75	0	19.68	20.00	20.03		
15	64QAM	1	0	19.88	19.95	20.01	21	0
15	64QAM	1	37	19.68	19.94	19.69		
15	64QAM	1	74	19.71	19.84	20.00		
15	64QAM	36	0	19.98	19.93	20.05	21	0
15	64QAM	36	20	20.09	19.89	19.99		
15	64QAM	36	39	19.91	19.74	19.84		
15	64QAM	75	0	19.61	19.93	19.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.90	20.00	19.74	21	0
10	QPSK	1	25	20.01	20.10	19.99		
10	QPSK	1	49	20.01	19.97	20.03		
10	QPSK	25	0	20.07	19.96	19.79	21	0
10	QPSK	25	12	20.07	20.05	19.85		
10	QPSK	25	25	20.07	19.88	19.96		
10	QPSK	50	0	19.86	20.06	19.85		
10	16QAM	1	0	19.91	20.05	19.93	21	0
10	16QAM	1	25	19.65	20.01	19.87		
10	16QAM	1	49	20.00	19.77	19.87		
10	16QAM	25	0	19.90	20.05	19.89	21	0
10	16QAM	25	12	19.95	19.96	20.00		
10	16QAM	25	25	20.06	20.07	19.89		
10	16QAM	50	0	19.74	19.80	19.81		
10	64QAM	1	0	19.86	19.97	19.88	21	0
10	64QAM	1	25	19.71	20.01	19.77		
10	64QAM	1	49	19.98	19.86	20.02		
10	64QAM	25	0	19.97	20.01	19.96	21	0
10	64QAM	25	12	20.01	19.84	19.70		
10	64QAM	25	25	19.78	19.82	19.75		
10	64QAM	50	0	19.70	19.92	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.93	19.85	19.97	21	0
5	QPSK	1	12	20.00	20.04	20.03		
5	QPSK	1	24	19.95	19.80	19.82		
5	QPSK	12	0	20.03	20.00	19.81	21	0
5	QPSK	12	7	19.95	19.99	20.02		
5	QPSK	12	13	19.80	19.88	19.99		
5	QPSK	25	0	20.09	20.06	20.06		
5	16QAM	1	0	19.80	20.09	19.91	21	0
5	16QAM	1	12	19.99	19.81	19.86		
5	16QAM	1	24	20.06	19.78	19.80		
5	16QAM	12	0	19.93	19.89	19.83	21	0
5	16QAM	12	7	19.81	19.83	19.89		
5	16QAM	12	13	19.87	20.01	19.87		
5	16QAM	25	0	19.94	20.04	20.01		
5	64QAM	1	0	19.92	19.88	19.92	21	0
5	64QAM	1	12	19.68	20.04	19.81		
5	64QAM	1	24	19.88	19.84	20.05		
5	64QAM	12	0	20.04	19.84	19.90	21	0
5	64QAM	12	7	20.05	20.02	20.01		
5	64QAM	12	13	20.02	19.87	19.83		
5	64QAM	25	0	19.85	19.90	19.69		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.80	19.98	19.76	21	0
3	QPSK	1	8	19.99	19.94	19.86		
3	QPSK	1	14	19.74	19.72	20.04		
3	QPSK	8	0	20.01	20.09	19.95	21	0
3	QPSK	8	4	19.99	19.88	20.01		
3	QPSK	8	7	19.80	19.79	19.70		
3	QPSK	15	0	19.97	20.01	19.82		
3	16QAM	1	0	20.03	20.02	19.93	21	0
3	16QAM	1	8	19.96	19.89	19.77		
3	16QAM	1	14	20.07	19.78	20.06		
3	16QAM	8	0	19.67	20.02	19.70	21	0
3	16QAM	8	4	20.00	20.09	19.96		
3	16QAM	8	7	19.82	20.03	19.77		
3	16QAM	15	0	19.92	20.02	19.91		
3	64QAM	1	0	19.86	20.01	19.95	21	0
3	64QAM	1	8	19.84	19.85	19.74		
3	64QAM	1	14	19.83	19.68	19.78		
3	64QAM	8	0	19.85	19.87	20.06	21	0
3	64QAM	8	4	20.01	20.07	20.04		
3	64QAM	8	7	19.99	19.96	19.74		
3	64QAM	15	0	19.68	19.77	19.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.92	20.09	19.77	21	0
1.4	QPSK	1	3	19.86	20.00	19.94		
1.4	QPSK	1	5	20.04	19.88	19.81		
1.4	QPSK	3	0	19.82	20.02	20.04		
1.4	QPSK	3	1	19.95	19.83	20.04		
1.4	QPSK	3	3	19.77	20.05	19.70		
1.4	QPSK	6	0	20.05	19.99	19.73	21	0
1.4	16QAM	1	0	19.92	19.82	19.65	21	0
1.4	16QAM	1	3	19.81	20.00	19.87		
1.4	16QAM	1	5	19.86	20.02	19.89		
1.4	16QAM	3	0	19.90	20.02	19.87		
1.4	16QAM	3	1	19.93	19.83	19.92		
1.4	16QAM	3	3	20.02	19.83	19.72		
1.4	16QAM	6	0	19.69	19.95	20.06	21	0
1.4	64QAM	1	0	19.77	20.01	19.84	21	0
1.4	64QAM	1	3	19.65	20.06	19.72		
1.4	64QAM	1	5	19.80	19.75	20.04		
1.4	64QAM	3	0	20.07	20.04	20.09		
1.4	64QAM	3	1	19.95	19.95	19.99		
1.4	64QAM	3	3	20.05	19.88	19.86		
1.4	64QAM	6	0	19.61	20.03	19.71	21	0

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	15.83	15.82	15.84	17	0
20	QPSK	1	49	16.02	16.07	15.98		
20	QPSK	1	99	15.82	15.84	15.82		
20	QPSK	50	0	15.85	15.91	15.88	17	0
20	QPSK	50	24	16.00	16.05	15.95		
20	QPSK	50	50	15.85	15.87	15.86		
20	QPSK	100	0	15.97	16.03	15.92		
20	16QAM	1	0	15.70	15.86	15.91	17	0
20	16QAM	1	49	15.77	15.97	15.72		
20	16QAM	1	99	15.93	15.87	15.94		
20	16QAM	50	0	15.69	15.85	15.83	17	0
20	16QAM	50	24	15.87	15.88	15.92		
20	16QAM	50	50	15.87	15.89	15.75		
20	16QAM	100	0	15.81	15.88	15.61		
20	64QAM	1	0	16.01	15.94	15.90	17	0
20	64QAM	1	49	15.97	15.95	15.84		
20	64QAM	1	99	15.85	15.89	15.80		
20	64QAM	50	0	15.93	15.87	15.72	17	0
20	64QAM	50	24	15.70	15.88	15.89		
20	64QAM	50	50	15.72	15.85	15.63		
20	64QAM	100	0	15.84	15.89	15.94		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.82	15.57	15.69	17	0
15	QPSK	1	37	15.89	15.84	16.03		
15	QPSK	1	74	15.72	15.74	15.55		
15	QPSK	36	0	15.71	15.75	15.78	17	0
15	QPSK	36	20	15.94	15.93	15.69		
15	QPSK	36	39	15.91	15.72	15.88		
15	QPSK	75	0	15.83	15.98	15.98		
15	16QAM	1	0	15.63	15.63	15.81	17	0
15	16QAM	1	37	15.70	15.69	15.77		
15	16QAM	1	74	15.76	15.62	15.94		
15	16QAM	36	0	15.54	15.87	15.71	17	0
15	16QAM	36	20	15.59	15.62	15.88		
15	16QAM	36	39	15.60	15.73	15.52		
15	16QAM	75	0	15.71	15.80	15.44		
15	64QAM	1	0	15.87	15.98	15.71	17	0
15	64QAM	1	37	15.86	16.02	15.67		
15	64QAM	1	74	15.87	15.73	15.69		
15	64QAM	36	0	15.79	15.80	15.80	17	0
15	64QAM	36	20	15.46	15.69	15.72		
15	64QAM	36	39	15.68	15.69	15.59		
15	64QAM	75	0	15.64	15.66	15.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.87	15.78	15.65	17	0
10	QPSK	1	25	15.81	16.05	15.99		
10	QPSK	1	49	15.67	15.70	15.82		
10	QPSK	25	0	15.58	15.79	15.73	17	0
10	QPSK	25	12	15.88	15.82	16.01		
10	QPSK	25	25	15.71	15.66	15.65		
10	QPSK	50	0	15.96	15.75	15.99		
10	16QAM	1	0	15.63	15.65	15.84	17	0
10	16QAM	1	25	15.76	16.04	15.61		
10	16QAM	1	49	15.90	15.62	15.82		
10	16QAM	25	0	15.46	15.60	15.57	17	0
10	16QAM	25	12	15.63	15.93	15.90		
10	16QAM	25	25	15.89	15.66	15.61		
10	16QAM	50	0	15.68	15.94	15.64		
10	64QAM	1	0	15.83	15.66	15.91	17	0
10	64QAM	1	25	16.03	15.82	15.76		
10	64QAM	1	49	15.82	15.79	15.60		
10	64QAM	25	0	16.01	15.77	15.80	17	0
10	64QAM	25	12	15.54	15.96	15.86		
10	64QAM	25	25	15.62	15.62	15.57		
10	64QAM	50	0	15.57	15.83	15.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.69	15.87	15.56	17	0
5	QPSK	1	12	15.78	15.99	15.99		
5	QPSK	1	24	15.80	15.66	15.61		
5	QPSK	12	0	15.80	15.67	15.75	17	0
5	QPSK	12	7	15.81	15.97	15.75		
5	QPSK	12	13	15.67	15.84	15.58		
5	QPSK	25	0	15.78	16.06	15.84		
5	16QAM	1	0	15.68	15.80	15.75	17	0
5	16QAM	1	12	15.69	15.70	15.53		
5	16QAM	1	24	15.74	15.88	15.93		
5	16QAM	12	0	15.51	15.57	15.60	17	0
5	16QAM	12	7	15.70	15.95	15.87		
5	16QAM	12	13	15.68	15.90	15.54		
5	16QAM	25	0	15.89	15.64	15.45		
5	64QAM	1	0	15.73	15.91	15.70	17	0
5	64QAM	1	12	15.86	15.97	15.76		
5	64QAM	1	24	15.79	15.79	15.60		
5	64QAM	12	0	15.82	15.80	15.72	17	0
5	64QAM	12	7	15.47	15.87	15.65		
5	64QAM	12	13	15.54	15.81	15.65		
5	64QAM	25	0	15.84	15.92	15.96		

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	18.77	18.74	18.74	20	0
20	QPSK	1	49	18.96	18.98	18.94		
20	QPSK	1	99	18.78	18.77	18.77		
20	QPSK	50	0	18.78	18.82	18.91	20	0
20	QPSK	50	24	18.93	18.96	18.92		
20	QPSK	50	50	18.80	18.84	18.87		
20	QPSK	100	0	18.90	18.95	18.88		
20	16QAM	1	0	18.50	18.77	18.78	20	0
20	16QAM	1	49	18.73	18.97	18.82		
20	16QAM	1	99	18.86	18.95	18.80		
20	16QAM	50	0	18.72	18.79	18.74	20	0
20	16QAM	50	24	18.60	18.86	18.84		
20	16QAM	50	50	18.67	18.88	18.72		
20	16QAM	100	0	18.55	18.82	18.57		
20	64QAM	1	0	18.75	18.85	18.88	20	0
20	64QAM	1	49	18.93	18.97	18.75		
20	64QAM	1	99	18.70	18.79	18.81		
20	64QAM	50	0	18.62	18.81	18.63	20	0
20	64QAM	50	24	18.61	18.85	18.79		
20	64QAM	50	50	18.92	18.84	18.90		
20	64QAM	100	0	18.91	18.83	18.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.74	18.47	18.66	20	0
15	QPSK	1	37	18.84	18.95	18.70		
15	QPSK	1	74	18.52	18.65	18.50		
15	QPSK	36	0	18.61	18.69	18.77	20	0
15	QPSK	36	20	18.74	18.71	18.94		
15	QPSK	36	39	18.85	18.80	18.94		
15	QPSK	75	0	18.90	18.92	18.67		
15	16QAM	1	0	18.43	18.70	18.59	20	0
15	16QAM	1	37	18.77	18.88	18.61		
15	16QAM	1	74	18.92	18.80	18.53		
15	16QAM	36	0	18.67	18.81	18.72	20	0
15	16QAM	36	20	18.54	18.66	18.72		
15	16QAM	36	39	18.54	18.84	18.76		
15	16QAM	75	0	18.51	18.85	18.36		
15	64QAM	1	0	18.71	18.60	18.91	20	0
15	64QAM	1	37	18.82	18.90	18.75		
15	64QAM	1	74	18.57	18.57	18.69		
15	64QAM	36	0	18.59	18.75	18.59	20	0
15	64QAM	36	20	18.69	18.66	18.69		
15	64QAM	36	39	18.90	18.85	18.95		
15	64QAM	75	0	18.89	18.66	18.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.50	18.76	18.70	20	0
10	QPSK	1	25	18.91	18.93	18.86		
10	QPSK	1	49	18.74	18.85	18.85		
10	QPSK	25	0	18.76	18.54	18.93	20	0
10	QPSK	25	12	18.69	18.76	18.89		
10	QPSK	25	25	18.54	18.90	18.63		
10	QPSK	50	0	18.66	18.78	18.68		
10	16QAM	1	0	18.49	18.49	18.61	20	0
10	16QAM	1	25	18.60	18.97	18.86		
10	16QAM	1	49	18.77	18.82	18.69		
10	16QAM	25	0	18.67	18.83	18.72	20	0
10	16QAM	25	12	18.47	18.91	18.89		
10	16QAM	25	25	18.64	18.95	18.47		
10	16QAM	50	0	18.54	18.83	18.61		
10	64QAM	1	0	18.50	18.66	18.68	20	0
10	64QAM	1	25	18.70	18.82	18.71		
10	64QAM	1	49	18.53	18.85	18.63		
10	64QAM	25	0	18.35	18.78	18.63	20	0
10	64QAM	25	12	18.53	18.65	18.52		
10	64QAM	25	25	18.90	18.69	18.96		
10	64QAM	50	0	18.66	18.67	18.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.53	18.58	18.59	20	0
5	QPSK	1	12	18.82	18.96	18.66		
5	QPSK	1	24	18.52	18.59	18.83		
5	QPSK	12	0	18.51	18.58	18.80	20	0
5	QPSK	12	7	18.74	18.88	18.85		
5	QPSK	12	13	18.88	18.78	18.67		
5	QPSK	25	0	18.91	18.77	18.85		
5	16QAM	1	0	18.49	18.77	18.65	20	0
5	16QAM	1	12	18.47	18.84	18.80		
5	16QAM	1	24	18.73	18.70	18.83		
5	16QAM	12	0	18.60	18.76	18.74	20	0
5	16QAM	12	7	18.61	18.67	18.76		
5	16QAM	12	13	18.41	18.84	18.72		
5	16QAM	25	0	18.38	18.73	18.42		
5	64QAM	1	0	18.68	18.89	18.93	20	0
5	64QAM	1	12	18.74	18.83	18.51		
5	64QAM	1	24	18.63	18.85	18.59		
5	64QAM	12	0	18.47	18.65	18.43	20	0
5	64QAM	12	7	18.34	18.65	18.53		
5	64QAM	12	13	18.93	18.65	18.69		
5	64QAM	25	0	18.74	18.84	18.82		

Reduced Power Mode for DSI8/10--ENDC

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	16.67	16.68	16.56	17.5	0
20	QPSK	1	49	16.76	16.81	16.68		
20	QPSK	1	99	16.68	16.72	16.58		
20	QPSK	50	0	16.65	16.71	16.62	17.5	0
20	QPSK	50	24	16.74	16.78	16.67		
20	QPSK	50	50	16.67	16.62	16.56		
20	QPSK	100	0	16.69	16.76	16.64		
20	16QAM	1	0	16.47	16.71	16.79	17.5	0
20	16QAM	1	49	16.62	16.66	16.59		
20	16QAM	1	99	16.56	16.65	16.45		
20	16QAM	50	0	16.59	16.64	16.60	17.5	0
20	16QAM	50	24	16.78	16.70	16.62		
20	16QAM	50	50	16.65	16.58	16.40		
20	16QAM	100	0	16.74	16.67	16.44		
20	64QAM	1	0	16.41	16.66	16.50	17.5	0
20	64QAM	1	49	16.75	16.72	16.76		
20	64QAM	1	99	16.29	16.53	16.43		
20	64QAM	50	0	16.49	16.68	16.54	17.5	0
20	64QAM	50	24	16.69	16.72	16.80		
20	64QAM	50	50	16.62	16.65	16.65		
20	64QAM	100	0	16.38	16.62	16.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.62	16.43	16.62	17.5	0
15	QPSK	1	37	16.57	16.68	16.73		
15	QPSK	1	74	16.51	16.49	16.54		
15	QPSK	36	0	16.58	16.54	16.53	17.5	0
15	QPSK	36	20	16.64	16.52	16.65		
15	QPSK	36	39	16.71	16.63	16.36		
15	QPSK	75	0	16.41	16.62	16.61		
15	16QAM	1	0	16.24	16.67	16.79	17.5	0
15	16QAM	1	37	16.59	16.46	16.43		
15	16QAM	1	74	16.63	16.61	16.53		
15	16QAM	36	0	16.66	16.42	16.45	17.5	0
15	16QAM	36	20	16.51	16.73	16.66		
15	16QAM	36	39	16.73	16.52	16.24		
15	16QAM	75	0	16.72	16.58	16.39		
15	64QAM	1	0	16.36	16.64	16.43	17.5	0
15	64QAM	1	37	16.60	16.64	16.66		
15	64QAM	1	74	16.22	16.29	16.28		
15	64QAM	36	0	16.31	16.66	16.62	17.5	0
15	64QAM	36	20	16.58	16.60	16.70		
15	64QAM	36	39	16.37	16.72	16.69		
15	64QAM	75	0	16.44	16.36	16.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.44	16.40	16.28	17.5	0
10	QPSK	1	25	16.57	16.53	16.63		
10	QPSK	1	49	16.52	16.70	16.38		
10	QPSK	25	0	16.73	16.63	16.45	17.5	0
10	QPSK	25	12	16.62	16.64	16.75		
10	QPSK	25	25	16.58	16.50	16.36		
10	QPSK	50	0	16.65	16.67	16.37		
10	16QAM	1	0	16.21	16.63	16.53	17.5	0
10	16QAM	1	25	16.65	16.46	16.64		
10	16QAM	1	49	16.38	16.67	16.39		
10	16QAM	25	0	16.46	16.70	16.54	17.5	0
10	16QAM	25	12	16.75	16.60	16.46		
10	16QAM	25	25	16.55	16.65	16.36		
10	16QAM	50	0	16.70	16.51	16.44		
10	64QAM	1	0	16.39	16.44	16.41	17.5	0
10	64QAM	1	25	16.76	16.71	16.73		
10	64QAM	1	49	16.26	16.55	16.31		
10	64QAM	25	0	16.36	16.71	16.41	17.5	0
10	64QAM	25	12	16.74	16.56	16.55		
10	64QAM	25	25	16.59	16.62	16.53		
10	64QAM	50	0	16.39	16.64	16.66		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.60	16.59	16.35	17.5	0
5	QPSK	1	12	16.56	16.65	16.55		
5	QPSK	1	24	16.41	16.76	16.56		
5	QPSK	12	0	16.45	16.68	16.54	17.5	0
5	QPSK	12	7	16.68	16.50	16.58		
5	QPSK	12	13	16.39	16.37	16.49		
5	QPSK	25	0	16.42	16.56	16.40		
5	16QAM	1	0	16.38	16.52	16.69	17.5	0
5	16QAM	1	12	16.46	16.68	16.56		
5	16QAM	1	24	16.55	16.45	16.45		
5	16QAM	12	0	16.43	16.47	16.56	17.5	0
5	16QAM	12	7	16.57	16.67	16.43		
5	16QAM	12	13	16.53	16.47	16.29		
5	16QAM	25	0	16.70	16.48	16.31		
5	64QAM	1	0	16.20	16.58	16.37	17.5	0
5	64QAM	1	12	16.60	16.58	16.55		
5	64QAM	1	24	16.23	16.48	16.20		
5	64QAM	12	0	16.34	16.63	16.49	17.5	0
5	64QAM	12	7	16.42	16.75	16.68		
5	64QAM	12	13	16.56	16.47	16.49		
5	64QAM	25	0	16.33	16.68	16.31		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.66	16.41	16.52	17.5	0
3	QPSK	1	8	16.73	16.75	16.66		
3	QPSK	1	14	16.69	16.79	16.36		
3	QPSK	8	0	16.63	16.62	16.58	17.5	0
3	QPSK	8	4	16.55	16.72	16.73		
3	QPSK	8	7	16.73	16.66	16.59		
3	QPSK	15	0	16.76	16.57	16.51		
3	16QAM	1	0	16.26	16.72	16.62	17.5	0
3	16QAM	1	8	16.70	16.39	16.59		
3	16QAM	1	14	16.35	16.50	16.24		
3	16QAM	8	0	16.59	16.70	16.58	17.5	0
3	16QAM	8	4	16.71	16.47	16.59		
3	16QAM	8	7	16.56	16.40	16.39		
3	16QAM	15	0	16.46	16.42	16.47		
3	64QAM	1	0	16.45	16.71	16.48	17.5	0
3	64QAM	1	8	16.53	16.71	16.73		
3	64QAM	1	14	16.25	16.37	16.35		
3	64QAM	8	0	16.46	16.71	16.42	17.5	0
3	64QAM	8	4	16.61	16.70	16.53		
3	64QAM	8	7	16.62	16.58	16.53		
3	64QAM	15	0	16.26	16.65	16.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.74	16.60	16.39	17.5	0
1.4	QPSK	1	3	16.74	16.68	16.56		
1.4	QPSK	1	5	16.56	16.56	16.39		
1.4	QPSK	3	0	16.49	16.60	16.50		
1.4	QPSK	3	1	16.51	16.70	16.63		
1.4	QPSK	3	3	16.49	16.45	16.60		
1.4	QPSK	6	0	16.60	16.51	16.46	17.5	0
1.4	16QAM	1	0	16.35	16.56	16.54	17.5	0
1.4	16QAM	1	3	16.49	16.74	16.43		
1.4	16QAM	1	5	16.49	16.66	16.53		
1.4	16QAM	3	0	16.61	16.56	16.67		
1.4	16QAM	3	1	16.76	16.72	16.51		
1.4	16QAM	3	3	16.52	16.40	16.34		
1.4	16QAM	6	0	16.78	16.55	16.46	17.5	0
1.4	64QAM	1	0	16.28	16.48	16.56	17.5	0
1.4	64QAM	1	3	16.59	16.64	16.62		
1.4	64QAM	1	5	16.28	16.36	16.39		
1.4	64QAM	3	0	16.42	16.58	16.56		
1.4	64QAM	3	1	16.64	16.53	16.52		
1.4	64QAM	3	3	16.54	16.72	16.49		
1.4	64QAM	6	0	16.33	16.67	16.42	17.5	0

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	11.91	12.04	12.02	13	0
20	QPSK	1	49	12.01	12.17	12.14		
20	QPSK	1	99	11.84	12.04	12.07		
20	QPSK	50	0	11.92	12.03	12.06	13	0
20	QPSK	50	24	11.98	12.15	12.12		
20	QPSK	50	50	11.94	12.05	12.01		
20	QPSK	100	0	11.92	12.13	11.98		
20	16QAM	1	0	11.96	12.01	11.93	13	0
20	16QAM	1	49	11.85	12.09	12.06		
20	16QAM	1	99	12.02	12.04	11.92		
20	16QAM	50	0	11.67	12.01	12.02	13	0
20	16QAM	50	24	12.00	12.05	11.80		
20	16QAM	50	50	11.87	12.08	12.06		
20	16QAM	100	0	11.77	12.06	12.10		
20	64QAM	1	0	11.71	12.04	11.90	13	0
20	64QAM	1	49	11.86	12.09	12.05		
20	64QAM	1	99	11.85	12.04	11.88		
20	64QAM	50	0	11.90	12.05	11.95	13	0
20	64QAM	50	24	12.02	12.11	11.86		
20	64QAM	50	50	11.77	12.05	11.93		
20	64QAM	100	0	12.04	12.08	12.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.81	11.93	12.01	13	0
15	QPSK	1	37	11.83	11.98	12.09		
15	QPSK	1	74	11.77	11.91	12.14		
15	QPSK	36	0	11.76	11.87	11.99	13	0
15	QPSK	36	20	11.95	11.91	11.85		
15	QPSK	36	39	11.77	11.77	11.99		
15	QPSK	75	0	11.70	11.89	11.70		
15	16QAM	1	0	11.97	11.79	11.65	13	0
15	16QAM	1	37	11.79	12.05	11.87		
15	16QAM	1	74	11.76	11.88	11.97		
15	16QAM	36	0	11.67	11.99	11.84	13	0
15	16QAM	36	20	11.95	11.98	11.69		
15	16QAM	36	39	11.60	11.84	12.03		
15	16QAM	75	0	11.69	12.03	12.05		
15	64QAM	1	0	11.72	12.03	11.85	13	0
15	64QAM	1	37	11.69	12.07	12.13		
15	64QAM	1	74	11.91	12.00	11.72		
15	64QAM	36	0	11.88	11.94	11.82	13	0
15	64QAM	36	20	11.78	11.86	11.71		
15	64QAM	36	39	11.60	11.88	11.77		
15	64QAM	75	0	12.04	12.07	12.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	11.76	11.87	11.86	13	0
10	QPSK	1	25	11.89	12.15	12.11		
10	QPSK	1	49	11.76	11.94	11.94		
10	QPSK	25	0	11.87	11.93	12.01	13	0
10	QPSK	25	12	11.71	12.04	12.11		
10	QPSK	25	25	11.88	12.00	11.97		
10	QPSK	50	0	11.77	12.10	11.83		
10	16QAM	1	0	11.81	11.89	11.98	13	0
10	16QAM	1	25	11.64	11.85	11.89		
10	16QAM	1	49	11.78	11.83	11.77		
10	16QAM	25	0	11.65	11.99	11.89	13	0
10	16QAM	25	12	11.93	11.96	11.85		
10	16QAM	25	25	11.61	11.80	11.99		
10	16QAM	50	0	11.74	11.81	12.04		
10	64QAM	1	0	11.79	11.89	11.89	13	0
10	64QAM	1	25	11.91	11.86	12.10		
10	64QAM	1	49	11.66	12.02	11.76		
10	64QAM	25	0	11.97	11.80	11.76	13	0
10	64QAM	25	12	11.94	12.09	11.66		
10	64QAM	25	25	11.63	12.08	11.75		
10	64QAM	50	0	11.94	12.12	11.86		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.71	12.12	12.00	13	0
5	QPSK	1	12	11.80	12.12	11.91		
5	QPSK	1	24	11.64	11.80	11.87		
5	QPSK	12	0	11.74	11.97	11.98	13	0
5	QPSK	12	7	11.71	12.01	11.99		
5	QPSK	12	13	11.95	11.94	12.03		
5	QPSK	25	0	11.67	12.16	11.89		
5	16QAM	1	0	11.93	12.06	11.84	13	0
5	16QAM	1	12	11.88	11.87	11.79		
5	16QAM	1	24	11.79	11.78	11.81		
5	16QAM	12	0	11.63	11.96	11.74	13	0
5	16QAM	12	7	11.85	11.99	11.85		
5	16QAM	12	13	11.67	11.80	11.87		
5	16QAM	25	0	11.59	12.01	12.04		
5	64QAM	1	0	11.64	11.85	11.84	13	0
5	64QAM	1	12	11.93	12.13	12.13		
5	64QAM	1	24	11.88	11.79	11.79		
5	64QAM	12	0	11.77	12.06	11.82	13	0
5	64QAM	12	7	11.76	12.16	11.67		
5	64QAM	12	13	11.79	12.10	11.78		
5	64QAM	25	0	11.92	12.04	11.95		

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	15.76	15.81	15.87	17	0
20	QPSK	1	49	15.92	15.96	15.93		
20	QPSK	1	99	15.84	15.88	15.85		
20	QPSK	50	0	15.81	15.84	15.88	17	0
20	QPSK	50	24	15.90	15.93	15.90		
20	QPSK	50	50	15.82	15.87	15.83		
20	QPSK	100	0	15.87	15.92	15.88		
20	16QAM	1	0	15.56	15.76	15.75	17	0
20	16QAM	1	49	15.66	15.88	15.68		
20	16QAM	1	99	15.69	15.86	15.87		
20	16QAM	50	0	15.84	15.81	15.84	17	0
20	16QAM	50	24	15.66	15.91	15.75		
20	16QAM	50	50	15.74	15.87	15.90		
20	16QAM	100	0	15.62	15.83	15.56		
20	64QAM	1	0	15.91	15.85	15.86	17	0
20	64QAM	1	49	15.64	15.89	15.74		
20	64QAM	1	99	15.62	15.77	15.60		
20	64QAM	50	0	15.84	15.81	15.79	17	0
20	64QAM	50	24	15.91	15.87	15.91		
20	64QAM	50	50	15.92	15.84	15.71		
20	64QAM	100	0	15.71	15.83	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.51	15.76	15.71	17	0
15	QPSK	1	37	15.68	15.83	15.66		
15	QPSK	1	74	15.73	15.69	15.77		
15	QPSK	36	0	15.84	15.69	15.94	17	0
15	QPSK	36	20	15.68	15.67	15.92		
15	QPSK	36	39	15.59	15.89	15.65		
15	QPSK	75	0	15.87	15.93	15.74		
15	16QAM	1	0	15.55	15.68	15.82	17	0
15	16QAM	1	37	15.39	15.61	15.40		
15	16QAM	1	74	15.72	15.65	15.60		
15	16QAM	36	0	15.80	15.72	15.63	17	0
15	16QAM	36	20	15.74	15.80	15.71		
15	16QAM	36	39	15.74	15.72	15.78		
15	16QAM	75	0	15.44	15.83	15.36		
15	64QAM	1	0	15.74	15.77	15.67	17	0
15	64QAM	1	37	15.72	15.63	15.55		
15	64QAM	1	74	15.36	15.62	15.61		
15	64QAM	36	0	15.77	15.60	15.64	17	0
15	64QAM	36	20	15.63	15.62	15.82		
15	64QAM	36	39	15.69	15.68	15.62		
15	64QAM	75	0	15.48	15.87	15.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.83	15.58	15.78	17	0
10	QPSK	1	25	15.80	15.83	15.70		
10	QPSK	1	49	15.86	15.61	15.85		
10	QPSK	25	0	15.66	15.72	15.87	17	0
10	QPSK	25	12	15.75	15.72	15.77		
10	QPSK	25	25	15.57	15.63	15.84		
10	QPSK	50	0	15.63	15.79	15.86		
10	16QAM	1	0	15.52	15.51	15.58	17	0
10	16QAM	1	25	15.48	15.64	15.76		
10	16QAM	1	49	15.75	15.64	15.76		
10	16QAM	25	0	15.89	15.81	15.69	17	0
10	16QAM	25	12	15.60	15.83	15.55		
10	16QAM	25	25	15.48	15.59	15.84		
10	16QAM	50	0	15.67	15.81	15.58		
10	64QAM	1	0	15.82	15.58	15.71	17	0
10	64QAM	1	25	15.43	15.85	15.61		
10	64QAM	1	49	15.56	15.63	15.60		
10	64QAM	25	0	15.89	15.64	15.85	17	0
10	64QAM	25	12	15.88	15.88	15.68		
10	64QAM	25	25	15.79	15.74	15.52		
10	64QAM	50	0	15.70	15.72	15.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.75	15.82	15.79	17	0
5	QPSK	1	12	15.83	15.85	15.75		
5	QPSK	1	24	15.65	15.74	15.88		
5	QPSK	12	0	15.84	15.61	15.90	17	0
5	QPSK	12	7	15.76	15.81	15.88		
5	QPSK	12	13	15.76	15.90	15.80		
5	QPSK	25	0	15.60	15.64	15.80		
5	16QAM	1	0	15.54	15.53	15.70	17	0
5	16QAM	1	12	15.59	15.76	15.74		
5	16QAM	1	24	15.45	15.91	15.59		
5	16QAM	12	0	15.60	15.75	15.71	17	0
5	16QAM	12	7	15.39	15.80	15.60		
5	16QAM	12	13	15.68	15.75	15.63		
5	16QAM	25	0	15.60	15.86	15.63		
5	64QAM	1	0	15.87	15.61	15.75	17	0
5	64QAM	1	12	15.45	15.66	15.50		
5	64QAM	1	24	15.51	15.77	15.54		
5	64QAM	12	0	15.91	15.67	15.67	17	0
5	64QAM	12	7	15.76	15.63	15.76		
5	64QAM	12	13	15.78	15.59	15.79		
5	64QAM	25	0	15.64	15.64	15.64		

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)	Power Reduction	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	21.86	23.00
21100	21298	QPSK	1	49	0	0	1	0	Default	21.95	23.00
21350	21152	QPSK	1	49	0	0	1	0	Default	21.92	23.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 2	12.79	14.00
21100	21298	QPSK	50	24	0	0	1	0	DSI 2	12.83	14.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 2	12.81	14.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 3	10.80	12.00
21100	21298	QPSK	50	24	0	0	1	0	DSI 3	10.82	12.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 3	10.73	12.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	21.76	23.00
21100	21298	QPSK	1	49	0	0	1	0	DSI 4	21.91	23.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	21.72	23.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 5	17.39	18.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 5	17.42	18.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 5	17.34	18.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 8&10	14.99	16.00
21100	21298	QPSK	1	49	0	0	1	0	DSI 8&10	15.01	16.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 8&10	14.91	16.00

CA_7C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	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	22.20	23.50
21100	21298	QPSK	1	49	0	0	1	0	Default	22.23	23.50
21350	21152	QPSK	1	49	0	0	1	0	Default	22.19	23.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 2	22.17	23.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 2	22.23	23.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 2	22.16	23.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	22.17	23.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 3	22.23	23.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	22.16	23.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 5	20.23	21.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 5	20.28	21.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 5	20.27	21.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 8&10	18.81	20.00
21100	21298	QPSK	1	49	0	0	1	0	DSI 8&10	18.85	20.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 8&10	18.79	20.00

CA_38C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	22.40	23.40
37901	38099	QPSK	1	49	0	0	1	0	Default	22.42	23.40
38150	37952	QPSK	1	49	0	0	1	0	Default	22.37	23.40
37850	38048	QPSK	50	24	0	0	1	0	DSI 2	15.66	16.40
37901	38099	QPSK	50	24	0	0	1	0	DSI 2	15.71	16.40
38150	37952	QPSK	50	24	0	0	1	0	DSI 2	15.69	16.40
37850	38048	QPSK	50	24	0	0	1	0	DSI 3	13.45	14.40
37901	38099	QPSK	50	24	0	0	1	0	DSI 3	13.47	14.40
38150	37952	QPSK	50	24	0	0	1	0	DSI 3	13.40	14.40
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	22.40	23.40
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	22.42	23.40
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	22.37	23.40
37850	38048	QPSK	1	49	0	0	1	0	DSI 5	19.89	20.90
37901	38099	QPSK	1	49	0	0	1	0	DSI 5	19.92	20.90
38150	37952	QPSK	1	49	0	0	1	0	DSI 5	19.83	20.90
37850	38048	QPSK	1	49	0	0	1	0	DSI 8&10	17.85	18.90
37901	38099	QPSK	1	49	0	0	1	0	DSI 8&10	17.88	18.90
38150	37952	QPSK	1	49	0	0	1	0	DSI 8&10	17.46	18.90

CA_38C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	22.73	23.80
37901	38099	QPSK	1	49	0	0	1	0	Default	22.77	23.80
38150	37952	QPSK	1	49	0	0	1	0	Default	22.64	23.80
37850	38048	QPSK	1	49	0	0	1	0	DSI 2	22.73	23.80
37901	38099	QPSK	1	49	0	0	1	0	DSI 2	22.77	23.80
38150	37952	QPSK	1	49	0	0	1	0	DSI 2	22.64	23.80
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	22.73	23.80
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	22.77	23.80
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	22.64	23.80
37850	38048	QPSK	1	49	0	0	1	0	DSI 5	22.73	23.80
37901	38099	QPSK	1	49	0	0	1	0	DSI 5	22.77	23.80
38150	37952	QPSK	1	49	0	0	1	0	DSI 5	22.64	23.80
37850	38048	QPSK	1	49	0	0	1	0	DSI 8&10	21.31	22.30
37901	38099	QPSK	1	49	0	0	1	0	DSI 8&10	21.33	22.30
38150	37952	QPSK	1	49	0	0	1	0	DSI 8&10	21.29	22.30

CA_41C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	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	22.24	23.40
40185	40383	QPSK	1	49	0	0	1	0	Default	22.14	23.40
40620	40818	QPSK	1	49	0	0	1	0	Default	22.43	23.40
41055	41253	QPSK	1	49	0	0	1	0	Default	22.38	23.40
41490	41292	QPSK	1	49	0	0	1	0	Default	22.41	23.40
39750	39948	QPSK	50	24	0	0	1	0	DSI 2	15.49	16.40
40185	40383	QPSK	50	24	0	0	1	0	DSI 2	15.37	16.40
40620	40818	QPSK	50	24	0	0	1	0	DSI 2	15.77	16.40
41055	41253	QPSK	50	24	0	0	1	0	DSI 2	15.60	16.40
41490	41292	QPSK	50	24	0	0	1	0	DSI 2	15.66	16.40
39750	39948	QPSK	50	24	0	0	1	0	DSI 3	13.31	14.40
40185	40383	QPSK	50	24	0	0	1	0	DSI 3	13.23	14.40
40620	40818	QPSK	50	24	0	0	1	0	DSI 3	13.52	14.40
41055	41253	QPSK	50	24	0	0	1	0	DSI 3	13.41	14.40
41490	41292	QPSK	50	24	0	0	1	0	DSI 3	13.44	14.40
39750	39948	QPSK	1	49	0	0	1	0	DSI 4	22.25	23.40
40185	40383	QPSK	1	49	0	0	1	0	DSI 4	22.15	23.40
40620	40818	QPSK	1	49	0	0	1	0	DSI 4	22.44	23.40
41055	41253	QPSK	1	49	0	0	1	0	DSI 4	22.39	23.40
41490	41292	QPSK	1	49	0	0	1	0	DSI 4	22.42	23.40
39750	39948	QPSK	1	49	0	0	1	0	DSI 5	19.78	20.90
40185	40383	QPSK	1	49	0	0	1	0	DSI 5	19.66	20.90
40620	40818	QPSK	1	49	0	0	1	0	DSI 5	19.95	20.90
41055	41253	QPSK	1	49	0	0	1	0	DSI 5	19.87	20.90
41490	41292	QPSK	1	49	0	0	1	0	DSI 5	19.90	20.90
39750	39948	QPSK	1	49	0	0	1	0	DSI 8&10	17.83	18.90
40185	40383	QPSK	1	49	0	0	1	0	DSI 8&10	17.79	18.90
40620	40818	QPSK	1	49	0	0	1	0	DSI 8&10	17.91	18.90
41055	41253	QPSK	1	49	0	0	1	0	DSI 8&10	17.82	18.90
41490	41292	QPSK	1	49	0	0	1	0	DSI 8&10	17.78	18.90

CA_41C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	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	22.75	23.80
40185	40383	QPSK	1	49	0	0	1	0	Default	22.77	23.80
40620	40818	QPSK	1	49	0	0	1	0	Default	22.79	23.80
41055	41253	QPSK	1	49	0	0	1	0	Default	22.71	23.80
41490	41292	QPSK	1	49	0	0	1	0	Default	22.68	23.80
39750	39948	QPSK	1	49	0	0	1	0	DSI 2	22.75	23.80
40185	40383	QPSK	1	49	0	0	1	0	DSI 2	22.77	23.80
40620	40818	QPSK	1	49	0	0	1	0	DSI 2	22.79	23.80
41055	41253	QPSK	1	49	0	0	1	0	DSI 2	22.71	23.80
41490	41292	QPSK	1	49	0	0	1	0	DSI 2	22.68	23.80
39750	39948	QPSK	1	49	0	0	1	0	DSI 3	22.75	23.80
40185	40383	QPSK	1	49	0	0	1	0	DSI 3	22.77	23.80
40620	40818	QPSK	1	49	0	0	1	0	DSI 3	22.79	23.80
41055	41253	QPSK	1	49	0	0	1	0	DSI 3	22.71	23.80
41490	41292	QPSK	1	49	0	0	1	0	DSI 3	22.68	23.80
39750	39948	QPSK	1	49	0	0	1	0	DSI 5	22.75	23.80
40185	40383	QPSK	1	49	0	0	1	0	DSI 5	22.77	23.80
40620	40818	QPSK	1	49	0	0	1	0	DSI 5	22.79	23.80
41055	41253	QPSK	1	49	0	0	1	0	DSI 5	22.71	23.80
41490	41292	QPSK	1	49	0	0	1	0	DSI 5	22.68	23.80
39750	39948	QPSK	1	49	0	0	1	0	DSI 8&10	21.38	22.30
40185	40383	QPSK	1	49	0	0	1	0	DSI 8&10	21.28	22.30
40620	40818	QPSK	1	49	0	0	1	0	DSI 8&10	21.41	22.30
41055	41253	QPSK	1	49	0	0	1	0	DSI 8&10	21.31	22.30
41490	41292	QPSK	1	49	0	0	1	0	DSI 8&10	21.28	22.30

DL CA 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_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	22.55	22.59
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	22.98	23.03
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 5	10M	881.5	2525	22.52	22.59
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	23.30	23.37
Intra-Band	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 4	20M	2145	2300	22.53	22.59
		CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2680	41490	22.58	22.82
	Contiguous	CA_38C	Band 38	20M	2580	37850	QPSK	1	49	Band 38	20M	2599.80	38048	22.69	22.78
		CA_41C	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.80	40818	22.67	22.82

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				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	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.94	23.03
		CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.95	23.03
		CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.51	22.59
		CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.32	23.37
Intra-Band	Contiguous	CA_41D	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	22.65	22.82

Full/Default power for 5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.06	23.12	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.94	23.10	22.92		
20	PI/2 BPSK	1	104	23.00	23.00	22.91		
20	PI/2 BPSK	50	0	22.48	22.57	22.49	23.5	0.5
20	PI/2 BPSK	50	28	23.09	23.11	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.56	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.41	22.52	22.47		
20	QPSK	1	1	23.00	22.98	23.00	24.0	0.0
20	QPSK	1	53	23.03	23.00	22.97		
20	QPSK	1	104	22.90	22.89	22.99		
20	QPSK	50	0	22.06	22.02	22.09	23.0	1.0
20	QPSK	50	28	23.06	23.06	23.07	24.0	0.0
20	QPSK	50	56	22.05	22.01	22.03	23.0	1.0
20	QPSK	100	0	22.02	22.10	22.07		
20	16QAM	1	1	21.61	21.70	21.58	23.0	1.0
20	64QAM	1	1	20.27	20.41	20.28	21.5	2.5
20	256QAM	1	1	18.67	18.78	18.66	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.88	23.01	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.96	23.03	22.87	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.92	23.01	22.93	24.0	0.0

n7_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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.21	22.23	22.08	23.8	0.0
20	PI/2 BPSK	1	53	22.07	22.20	21.99		
20	PI/2 BPSK	1	104	22.06	22.13	22.00		
20	PI/2 BPSK	50	0	22.09	22.09	21.94	23.3	0.5
20	PI/2 BPSK	50	28	22.10	22.15	22.04	23.8	0.0
20	PI/2 BPSK	50	56	21.98	22.05	22.00	23.3	0.5
20	PI/2 BPSK	100	0	22.02	22.10	21.97		
20	QPSK	1	1	22.13	22.16	22.10	23.8	0.0
20	QPSK	1	53	22.07	22.14	22.15		
20	QPSK	1	104	21.98	22.08	22.08		
20	QPSK	50	0	21.56	21.59	21.55	22.8	1.0
20	QPSK	50	28	22.02	22.03	22.13	23.8	0.0
20	QPSK	50	56	21.51	21.61	21.52	22.8	1.0
20	QPSK	100	0	21.58	21.69	21.67		
20	16QAM	1	1	21.15	21.16	21.13	22.8	1.0
20	64QAM	1	1	19.54	19.56	19.48	21.3	2.5
20	256QAM	1	1	18.08	18.15	18.04	19.3	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.20	22.08	22.04	23.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.11	22.14	22.04	23.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.15	22.11	21.97	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.05	23.05	23.02	25.0	0.0
100	PI/2 BPSK	1	137	23.73	23.84	23.74		
100	PI/2 BPSK	1	271	23.03	23.12	23.05		
100	PI/2 BPSK	135	0	22.87	23.02	22.89	24.5	0.5
100	PI/2 BPSK	135	69	23.71	23.83	23.72	25.0	0.0
100	PI/2 BPSK	135	138	23.17	23.27	23.19	24.5	0.5
100	PI/2 BPSK	270	0	23.07	23.12	23.01		
100	QPSK	1	1	23.01	23.02	23.01	25.0	0.0
100	QPSK	1	137	23.83	23.81	23.82		
100	QPSK	1	271	23.04	23.02	23.00		
100	QPSK	135	0	23.06	23.07	23.06	25.0	0.0
100	QPSK	135	69	23.81	23.78	23.82		
100	QPSK	135	138	23.05	23.03	23.02		
100	QPSK	270	0	23.22	23.24	23.22	24.0	1.0
100	16QAM	1	137	23.03	23.04	23.01	24.0	1.0
100	64QAM	1	137	21.18	21.22	21.19	22.5	2.5
100	256QAM	1	137	19.68	19.71	19.69	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	23.62	23.80	23.64	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	23.60	23.76	23.63	25.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	23.64	23.79	23.68	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	23.59	23.69	23.69	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	23.67	23.72	23.59	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	23.70	23.80	23.63	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	23.58	23.76	23.65	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	23.61	23.79	23.63	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	23.65	23.83	23.71	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.14	22.21	22.18	24.8	0.0
100	PI/2 BPSK	1	137	23.18	23.25	23.16		
100	PI/2 BPSK	1	271	22.21	22.24	22.19		
100	PI/2 BPSK	135	0	22.34	22.36	22.35	24.3	0.5
100	PI/2 BPSK	135	69	23.15	23.21	23.11	24.8	0.0
100	PI/2 BPSK	135	138	22.60	22.66	22.64	24.3	0.5
100	PI/2 BPSK	270	0	22.39	22.69	22.36		
100	QPSK	1	1	22.06	22.12	22.07	24.8	0.0
100	QPSK	1	137	23.09	23.18	23.16		
100	QPSK	1	271	22.16	22.21	22.12		
100	QPSK	135	0	22.21	22.27	22.22	24.8	0.0
100	QPSK	135	69	23.12	23.15	23.05		
100	QPSK	135	138	22.83	22.81	22.82		
100	QPSK	270	0	22.33	22.35	22.30	23.8	1.0
100	16QAM	1	137	21.87	21.86	21.86	23.8	1.0
100	64QAM	1	137	20.31	20.38	20.35	22.3	2.5
100	256QAM	1	137	19.33	19.35	19.30	20.3	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	23.04	23.12	23.12	24.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	23.12	23.11	23.02	24.8	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	23.10	23.11	23.09	24.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	23.13	23.14	23.15	24.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	23.13	23.11	23.15	24.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	23.12	23.22	23.05	24.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	23.04	23.23	23.03	24.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	23.08	23.11	23.15	24.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	23.11	23.11	23.01	24.8	0.0

Reduced Power Mode for DSI2--5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.11	17.15	17.08	18.0	0.0
20	PI/2 BPSK	1	53	17.09	17.06	17.03		
20	PI/2 BPSK	1	104	17.07	17.06	16.97		
20	PI/2 BPSK	50	0	16.99	17.02	16.91	18.0	0.0
20	PI/2 BPSK	50	28	17.02	17.03	16.94	18.0	0.0
20	PI/2 BPSK	50	56	17.00	16.96	16.93	18.0	0.0
20	PI/2 BPSK	100	0	16.94	17.00	16.85		
20	QPSK	1	1	17.01	16.93	16.86	18.0	0.0
20	QPSK	1	53	16.96	17.00	16.89		
20	QPSK	1	104	16.96	17.00	16.88		
20	QPSK	50	0	16.99	16.95	16.85	18.0	0.0
20	QPSK	50	28	17.01	16.93	16.93	18.0	0.0
20	QPSK	50	56	16.93	16.98	16.91	18.0	0.0
20	QPSK	100	0	16.97	17.01	16.91		
20	16QAM	1	1	16.92	16.99	16.88	18.0	0.0
20	64QAM	1	1	17.00	16.96	16.93	18.0	0.0
20	256QAM	1	1	16.93	17.00	16.86	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.97	16.96	16.93	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.99	16.97	16.88	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.99	16.99	16.85	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.35	13.36	13.27	14.8	0.0
20	PI/2 BPSK	1	53	13.31	13.29	13.21		
20	PI/2 BPSK	1	104	13.34	13.32	13.19		
20	PI/2 BPSK	50	0	13.19	13.27	13.15	14.8	0.0
20	PI/2 BPSK	50	28	13.29	13.35	13.20	14.8	0.0
20	PI/2 BPSK	50	56	13.23	13.25	13.13	14.8	0.0
20	PI/2 BPSK	100	0	13.20	13.29	13.10		
20	QPSK	1	1	13.21	13.25	13.15	14.8	0.0
20	QPSK	1	53	13.24	13.27	13.17		
20	QPSK	1	104	13.28	13.31	13.17		
20	QPSK	50	0	13.23	13.28	13.13	14.8	0.0
20	QPSK	50	28	13.22	13.27	13.10	14.8	0.0
20	QPSK	50	56	13.24	13.28	13.11	14.8	0.0
20	QPSK	100	0	13.25	13.32	13.13		
20	16QAM	1	1	13.25	13.30	13.16	14.8	0.0
20	64QAM	1	1	13.21	13.26	13.15	14.8	0.0
20	256QAM	1	1	13.28	13.28	13.12	14.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.23	13.33	13.16	14.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.20	13.32	13.11	14.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.24	13.29	13.14	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.68	16.68	16.56	18.0	0.0
100	PI/2 BPSK	1	137	16.69	16.71	16.65		
100	PI/2 BPSK	1	271	16.61	16.61	16.63		
100	PI/2 BPSK	135	0	16.52	16.62	16.58	18.0	0.0
100	PI/2 BPSK	135	69	16.60	16.69	16.62	18.0	0.0
100	PI/2 BPSK	135	138	16.53	16.68	16.53	18.0	0.0
100	PI/2 BPSK	270	0	16.54	16.64	16.52		
100	QPSK	1	1	16.53	16.64	16.55	18.0	0.0
100	QPSK	1	137	16.50	16.59	16.58		
100	QPSK	1	271	16.50	16.62	16.54		
100	QPSK	135	0	16.53	16.68	16.57	18.0	0.0
100	QPSK	135	69	16.54	16.65	16.53		
100	QPSK	135	138	16.58	16.68	16.56		
100	QPSK	270	0	16.59	16.65	16.57	18.0	0.0
100	16QAM	1	137	16.54	16.64	16.55	18.0	0.0
100	64QAM	1	137	16.56	16.68	16.55	18.0	0.0
100	256QAM	1	137	16.53	16.66	16.52	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	16.56	16.68	16.60	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	16.59	16.62	16.61	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	16.58	16.63	16.60	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	16.55	16.66	16.55	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	16.50	16.59	16.60	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	16.57	16.63	16.55	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	16.53	16.68	16.54	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	16.59	16.67	16.59	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	16.55	16.67	16.55	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.64	13.65	13.60	15.3	0.0
100	PI/2 BPSK	1	137	13.70	13.72	13.68		
100	PI/2 BPSK	1	271	13.68	13.63	13.58		
100	PI/2 BPSK	135	0	13.56	13.56	13.54	15.3	0.0
100	PI/2 BPSK	135	69	13.60	13.65	13.62	15.3	0.0
100	PI/2 BPSK	135	138	13.59	13.57	13.59	15.3	0.0
100	PI/2 BPSK	270	0	13.55	13.63	13.58		
100	QPSK	1	1	13.53	13.59	13.53	15.3	0.0
100	QPSK	1	137	13.52	13.64	13.53		
100	QPSK	1	271	13.50	13.58	13.54		
100	QPSK	135	0	13.53	13.61	13.61	15.3	0.0
100	QPSK	135	69	13.52	13.58	13.52		
100	QPSK	135	138	13.50	13.61	13.57		
100	QPSK	270	0	13.55	13.56	13.56	15.3	0.0
100	16QAM	1	137	13.56	13.59	13.55	15.3	0.0
100	64QAM	1	137	13.55	13.63	13.58	15.3	0.0
100	256QAM	1	137	13.56	13.64	13.60	15.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	13.56	13.64	13.58	15.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	13.50	13.64	13.52	15.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	13.55	13.64	13.59	15.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	13.50	13.60	13.53	15.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	13.54	13.63	13.59	15.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	13.53	13.58	13.53	15.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	13.54	13.59	13.56	15.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	13.58	13.58	13.52	15.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	13.57	13.63	13.60	15.3	0.0

Reduced Power Mode for DSI3--5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.10	15.17	15.08	16.0	0.0
20	PI/2 BPSK	1	53	15.03	15.11	15.05		
20	PI/2 BPSK	1	104	15.02	15.16	14.99		
20	PI/2 BPSK	50	0	15.02	15.13	15.02	16.0	0.0
20	PI/2 BPSK	50	28	15.09	15.14	15.03	16.0	0.0
20	PI/2 BPSK	50	56	15.00	15.10	14.94	16.0	0.0
20	PI/2 BPSK	100	0	15.02	15.11	15.02		
20	QPSK	1	1	15.06	15.04	14.94	16.0	0.0
20	QPSK	1	53	15.06	15.10	14.95		
20	QPSK	1	104	15.06	15.12	14.96		
20	QPSK	50	0	15.07	15.10	14.96	16.0	0.0
20	QPSK	50	28	15.00	15.09	14.98	16.0	0.0
20	QPSK	50	56	15.07	15.11	15.02	16.0	0.0
20	QPSK	100	0	15.03	15.12	14.99		
20	16QAM	1	1	15.03	15.05	15.02	16.0	0.0
20	64QAM	1	1	15.03	15.09	14.97	16.0	0.0
20	256QAM	1	1	15.08	15.12	15.01	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.04	15.11	14.99	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.05	15.13	14.97	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.04	15.04	15.02	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	11.80	11.88	11.82	13.3	0.0
20	PI/2 BPSK	1	53	11.73	11.87	11.72		
20	PI/2 BPSK	1	104	11.78	11.80	11.72		
20	PI/2 BPSK	50	0	11.64	11.81	11.76	13.3	0.0
20	PI/2 BPSK	50	28	11.74	11.85	11.81	13.3	0.0
20	PI/2 BPSK	50	56	11.66	11.75	11.80	13.3	0.0
20	PI/2 BPSK	100	0	11.73	11.77	11.74		
20	QPSK	1	1	11.63	11.69	11.67	13.3	0.0
20	QPSK	1	53	11.66	11.75	11.65		
20	QPSK	1	104	11.64	11.69	11.66		
20	QPSK	50	0	11.64	11.72	11.73	13.3	0.0
20	QPSK	50	28	11.65	11.74	11.68	13.3	0.0
20	QPSK	50	56	11.65	11.74	11.65	13.3	0.0
20	QPSK	100	0	11.66	11.74	11.67		
20	16QAM	1	1	11.71	11.73	11.68	13.3	0.0
20	64QAM	1	1	11.71	11.75	11.72	13.3	0.0
20	256QAM	1	1	11.67	11.67	11.66	13.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	11.64	11.69	11.68	13.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	11.65	11.69	11.65	13.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	11.71	11.70	11.64	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.19	15.24	15.23	16.5	0.0
100	PI/2 BPSK	1	137	15.26	15.31	15.30		
100	PI/2 BPSK	1	271	15.25	15.24	15.23		
100	PI/2 BPSK	135	0	15.12	15.24	15.20	16.5	0.0
100	PI/2 BPSK	135	69	15.20	15.28	15.22	16.5	0.0
100	PI/2 BPSK	135	138	15.16	15.20	15.13	16.5	0.0
100	PI/2 BPSK	270	0	15.10	15.24	15.12		
100	QPSK	1	1	15.11	15.22	15.16	16.5	0.0
100	QPSK	1	137	15.14	15.24	15.16		
100	QPSK	1	271	15.10	15.18	15.21		
100	QPSK	135	0	15.17	15.21	15.13	16.5	0.0
100	QPSK	135	69	15.17	15.25	15.15		
100	QPSK	135	138	15.15	15.26	15.12		
100	QPSK	270	0	15.18	15.25	15.13	16.5	0.0
100	16QAM	1	137	15.19	15.19	15.13	16.5	0.0
100	64QAM	1	137	15.11	15.26	15.12	16.5	0.0
100	256QAM	1	137	15.16	15.18	15.17	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	15.18	15.26	15.14	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	15.17	15.26	15.16	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	15.12	15.25	15.13	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	15.19	15.23	15.21	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	15.19	15.27	15.12	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	15.13	15.21	15.16	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	15.13	15.26	15.17	16.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	15.10	15.22	15.18	16.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	15.12	15.26	15.18	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	11.72	11.68	11.71	13.3	0.0
100	PI/2 BPSK	1	137	11.76	11.77	11.72		
100	PI/2 BPSK	1	271	11.70	11.72	11.65		
100	PI/2 BPSK	135	0	11.71	11.68	11.58	13.3	0.0
100	PI/2 BPSK	135	69	11.72	11.74	11.67	13.3	0.0
100	PI/2 BPSK	135	138	11.69	11.67	11.58	13.3	0.0
100	PI/2 BPSK	270	0	11.67	11.73	11.62		
100	QPSK	1	1	11.66	11.66	11.58	13.3	0.0
100	QPSK	1	137	11.71	11.66	11.59		
100	QPSK	1	271	11.62	11.64	11.66		
100	QPSK	135	0	11.66	11.65	11.58	13.3	0.0
100	QPSK	135	69	11.69	11.73	11.66		
100	QPSK	135	138	11.64	11.70	11.60		
100	QPSK	270	0	11.70	11.64	11.64	13.3	0.0
100	16QAM	1	137	11.65	11.68	11.63	13.3	0.0
100	64QAM	1	137	11.67	11.65	11.64	13.3	0.0
100	256QAM	1	137	11.66	11.72	11.63	13.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	11.63	11.69	11.62	13.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	11.71	11.65	11.66	13.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	11.70	11.72	11.59	13.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	11.66	11.65	11.57	13.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	11.70	11.73	11.57	13.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	11.64	11.71	11.63	13.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	11.65	11.71	11.58	13.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	11.66	11.67	11.66	13.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	11.70	11.73	11.60	13.3	0.0

Reduced Power Mode for DSI4--5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.06	23.12	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.94	23.10	22.92		
20	PI/2 BPSK	1	104	23.00	23.00	22.91		
20	PI/2 BPSK	50	0	22.48	22.57	22.49	23.5	0.5
20	PI/2 BPSK	50	28	23.09	23.11	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.56	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.41	22.52	22.47		
20	QPSK	1	1	23.00	22.98	23.00	24.0	0.0
20	QPSK	1	53	23.03	23.00	22.97		
20	QPSK	1	104	22.90	22.89	22.99		
20	QPSK	50	0	22.06	22.02	22.09	23.0	1.0
20	QPSK	50	28	23.06	23.06	23.07	24.0	0.0
20	QPSK	50	56	22.05	22.01	22.03	23.0	1.0
20	QPSK	100	0	22.02	22.10	22.07		
20	16QAM	1	1	21.61	21.70	21.58	23.0	1.0
20	64QAM	1	1	20.27	20.41	20.28	21.5	2.5
20	256QAM	1	1	18.67	18.78	18.66	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.88	23.01	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.96	23.03	22.87	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.92	23.01	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.28	21.38	21.31	22.8	0.0
20	PI/2 BPSK	1	53	21.24	21.31	21.22		
20	PI/2 BPSK	1	104	21.24	21.35	21.22		
20	PI/2 BPSK	50	0	21.12	21.24	21.25	22.8	0.0
20	PI/2 BPSK	50	28	21.18	21.30	21.27	22.8	0.0
20	PI/2 BPSK	50	56	21.08	21.20	21.22	22.8	0.0
20	PI/2 BPSK	100	0	21.15	21.22	21.21		
20	QPSK	1	1	21.16	21.23	21.25	22.8	0.0
20	QPSK	1	53	21.11	21.23	21.20		
20	QPSK	1	104	21.17	21.25	21.25		
20	QPSK	50	0	21.12	21.27	21.26	22.8	0.0
20	QPSK	50	28	21.09	21.20	21.24	22.8	0.0
20	QPSK	50	56	21.09	21.27	21.19	22.8	0.0
20	QPSK	100	0	21.13	21.23	21.18		
20	16QAM	1	1	21.09	21.28	21.23	22.8	0.0
20	64QAM	1	1	19.66	19.73	19.73	21.3	1.5
20	256QAM	1	1	18.10	18.11	18.05	19.3	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.23	21.36	21.28	22.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.20	21.34	21.29	22.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.23	21.35	21.27	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.05	23.05	23.02	25.0	0.0
100	PI/2 BPSK	1	137	23.73	23.84	23.74		
100	PI/2 BPSK	1	271	23.03	23.12	23.05		
100	PI/2 BPSK	135	0	22.87	23.02	22.89	24.5	0.5
100	PI/2 BPSK	135	69	23.71	23.83	23.72	25.0	0.0
100	PI/2 BPSK	135	138	23.17	23.27	23.19	24.5	0.5
100	PI/2 BPSK	270	0	23.07	23.12	23.01		
100	QPSK	1	1	23.01	23.02	23.01	25.0	0.0
100	QPSK	1	137	23.83	23.81	23.82		
100	QPSK	1	271	23.04	23.02	23.00		
100	QPSK	135	0	23.06	23.07	23.06	25.0	0.0
100	QPSK	135	69	23.81	23.78	23.82		
100	QPSK	135	138	23.05	23.03	23.02		
100	QPSK	270	0	23.22	23.24	23.22	24.0	1.0
100	16QAM	1	137	23.03	23.04	23.01	24.0	1.0
100	64QAM	1	137	21.18	21.22	21.19	22.5	2.5
100	256QAM	1	137	19.68	19.71	19.69	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	23.62	23.80	23.64	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	23.60	23.76	23.63	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	23.64	23.79	23.68	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	23.59	23.69	23.69	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	23.67	23.72	23.59	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	23.70	23.80	23.63	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	23.58	23.76	23.65	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	23.61	23.79	23.63	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	23.65	23.83	23.71	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.13	21.20	21.09	22.8	0.0
100	PI/2 BPSK	1	137	21.14	21.21	21.19		
100	PI/2 BPSK	1	271	21.04	21.17	21.14		
100	PI/2 BPSK	135	0	21.10	21.19	21.10	22.8	0.0
100	PI/2 BPSK	135	69	21.11	21.20	21.13	22.8	0.0
100	PI/2 BPSK	135	138	21.10	21.11	21.11	22.8	0.0
100	PI/2 BPSK	270	0	21.08	21.19	21.11		
100	QPSK	1	1	21.05	21.10	21.11	22.8	0.0
100	QPSK	1	137	21.03	21.12	21.06		
100	QPSK	1	271	21.01	21.19	21.09		
100	QPSK	135	0	21.01	21.19	21.09	22.8	0.0
100	QPSK	135	69	21.07	21.11	21.07		
100	QPSK	135	138	21.08	21.19	21.11		
100	QPSK	270	0	21.08	21.10	21.11	22.8	0.0
100	16QAM	1	137	21.09	21.19	21.07	22.8	0.0
100	64QAM	1	137	20.57	20.67	20.60	22.3	0.5
100	256QAM	1	137	19.09	19.19	19.05	20.3	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	21.03	21.19	21.10	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	21.02	21.11	21.10	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	21.08	21.18	21.04	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	21.01	21.15	21.04	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	21.02	21.17	21.10	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	21.04	21.16	21.11	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	21.05	21.10	21.05	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	21.05	21.16	21.12	22.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	21.01	21.13	21.07	22.8	0.0

Reduced Power Mode for DSI5--5GNR SA

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.62	20.64	20.61	21.5	0.0
20	PI/2 BPSK	1	53	20.56	20.60	20.56		
20	PI/2 BPSK	1	104	20.61	20.61	20.60		
20	PI/2 BPSK	50	0	20.53	20.61	20.51	21.5	0.0
20	PI/2 BPSK	50	28	20.59	20.63	20.55	21.5	0.0
20	PI/2 BPSK	50	56	20.50	20.54	20.54	21.5	0.0
20	PI/2 BPSK	100	0	20.53	20.59	20.52		
20	QPSK	1	1	20.51	20.61	20.48	21.5	0.0
20	QPSK	1	53	20.57	20.61	20.53		
20	QPSK	1	104	20.57	20.54	20.53		
20	QPSK	50	0	20.53	20.61	20.49	21.5	0.0
20	QPSK	50	28	20.57	20.62	20.45	21.5	0.0
20	QPSK	50	56	20.58	20.56	20.46	21.5	0.0
20	QPSK	100	0	20.51	20.54	20.49		
20	16QAM	1	1	20.57	20.53	20.52	21.5	0.0
20	64QAM	1	1	20.55	20.61	20.45	21.5	0.0
20	256QAM	1	1	18.56	18.58	18.45	19.5	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.55	20.59	20.51	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.54	20.62	20.58	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.58	20.56	20.58	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.78	16.87	16.79	18.3	0.0
20	PI/2 BPSK	1	53	16.72	16.77	16.69		
20	PI/2 BPSK	1	104	16.76	16.81	16.77		
20	PI/2 BPSK	50	0	16.66	16.79	16.69	18.3	0.0
20	PI/2 BPSK	50	28	16.69	16.82	16.76	18.3	0.0
20	PI/2 BPSK	50	56	16.64	16.75	16.72	18.3	0.0
20	PI/2 BPSK	100	0	16.67	16.72	16.68		
20	QPSK	1	1	16.66	16.78	16.75	18.3	0.0
20	QPSK	1	53	16.59	16.78	16.66		
20	QPSK	1	104	16.61	16.75	16.72		
20	QPSK	50	0	16.63	16.75	16.72	18.3	0.0
20	QPSK	50	28	16.62	16.79	16.70	18.3	0.0
20	QPSK	50	56	16.65	16.81	16.70	18.3	0.0
20	QPSK	100	0	16.64	16.72	16.71		
20	16QAM	1	1	16.59	16.80	16.67	18.3	0.0
20	64QAM	1	1	16.68	16.76	16.69	18.3	0.0
20	256QAM	1	1	16.68	16.79	16.66	18.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.64	16.76	16.71	18.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.60	16.72	16.68	18.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.60	16.77	16.70	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.20	19.34	19.28	20.5	0.0
100	PI/2 BPSK	1	137	19.27	19.36	19.32		
100	PI/2 BPSK	1	271	19.21	19.33	19.30		
100	PI/2 BPSK	135	0	19.18	19.28	19.19	20.5	0.0
100	PI/2 BPSK	135	69	19.26	19.30	19.23	20.5	0.0
100	PI/2 BPSK	135	138	19.21	19.28	19.15	20.5	0.0
100	PI/2 BPSK	270	0	19.25	19.26	19.14		
100	QPSK	1	1	19.20	19.20	19.16	20.5	0.0
100	QPSK	1	137	19.23	19.25	19.22		
100	QPSK	1	271	19.16	19.23	19.21		
100	QPSK	135	0	19.23	19.22	19.15	20.5	0.0
100	QPSK	135	69	19.24	19.29	19.18		
100	QPSK	135	138	19.21	19.20	19.21		
100	QPSK	270	0	19.25	19.26	19.16	20.5	0.0
100	16QAM	1	137	19.24	19.27	19.18	20.5	0.0
100	64QAM	1	137	19.25	19.28	19.20	20.5	0.0
100	256QAM	1	137	19.23	19.21	19.17	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	19.23	19.26	19.16	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	19.18	19.26	19.20	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	19.19	19.20	19.22	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	19.22	19.21	19.16	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	19.22	19.27	19.18	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	19.22	19.27	19.21	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	19.22	19.20	19.20	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	19.24	19.24	19.13	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	19.20	19.22	19.18	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.62	17.66	17.65	19.3	0.0
100	PI/2 BPSK	1	137	17.71	17.74	17.66		
100	PI/2 BPSK	1	271	17.61	17.65	17.65		
100	PI/2 BPSK	135	0	17.65	17.66	17.54	19.3	0.0
100	PI/2 BPSK	135	69	17.67	17.71	17.57	19.3	0.0
100	PI/2 BPSK	135	138	17.63	17.67	17.51	19.3	0.0
100	PI/2 BPSK	270	0	17.61	17.69	17.50		
100	QPSK	1	1	17.57	17.63	17.56	19.3	0.0
100	QPSK	1	137	17.60	17.66	17.48		
100	QPSK	1	271	17.66	17.66	17.56		
100	QPSK	135	0	17.61	17.68	17.51	19.3	0.0
100	QPSK	135	69	17.65	17.70	17.49		
100	QPSK	135	138	17.58	17.67	17.47		
100	QPSK	270	0	17.61	17.69	17.49	19.3	0.0
100	16QAM	1	137	17.60	17.61	17.51	19.3	0.0
100	64QAM	1	137	17.61	17.65	17.49	19.3	0.0
100	256QAM	1	137	17.61	17.66	17.52	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	17.60	17.66	17.47	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	17.57	17.67	17.47	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	17.59	17.67	17.56	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	17.58	17.63	17.50	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	17.60	17.62	17.48	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	17.58	17.68	17.54	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	17.66	17.63	17.54	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	17.65	17.63	17.56	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	17.66	17.66	17.55	19.3	0.0

Reduced Power Mode for DSI8/10--5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.63	18.66	18.58	19.5	0.0
20	PI/2 BPSK	1	53	18.57	18.63	18.50		
20	PI/2 BPSK	1	104	18.53	18.63	18.52		
20	PI/2 BPSK	50	0	18.55	18.54	18.48	19.5	0.0
20	PI/2 BPSK	50	28	18.58	18.64	18.55	19.5	0.0
20	PI/2 BPSK	50	56	18.55	18.57	18.45	19.5	0.0
20	PI/2 BPSK	100	0	18.52	18.54	18.47		
20	QPSK	1	1	18.50	18.56	18.53	19.5	0.0
20	QPSK	1	53	18.48	18.57	18.50		
20	QPSK	1	104	18.49	18.58	18.48		
20	QPSK	50	0	18.56	18.63	18.50	19.5	0.0
20	QPSK	50	28	18.56	18.57	18.46	19.5	0.0
20	QPSK	50	56	18.52	18.54	18.48	19.5	0.0
20	QPSK	100	0	18.52	18.63	18.45		
20	16QAM	1	1	18.56	18.59	18.52	19.5	0.0
20	64QAM	1	1	18.48	18.63	18.46	19.5	0.0
20	256QAM	1	1	18.50	18.59	18.45	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	18.52	18.54	18.52	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	18.50	18.57	18.51	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	18.51	18.56	18.54	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.26	15.35	15.30	16.8	0.0
20	PI/2 BPSK	1	53	15.22	15.33	15.29		
20	PI/2 BPSK	1	104	15.23	15.32	15.22		
20	PI/2 BPSK	50	0	15.17	15.26	15.27	16.8	0.0
20	PI/2 BPSK	50	28	15.25	15.30	15.28	16.8	0.0
20	PI/2 BPSK	50	56	15.21	15.29	15.27	16.8	0.0
20	PI/2 BPSK	100	0	15.23	15.26	15.25		
20	QPSK	1	1	15.23	15.23	15.22	16.8	0.0
20	QPSK	1	53	15.18	15.22	15.19		
20	QPSK	1	104	15.19	15.28	15.23		
20	QPSK	50	0	15.15	15.26	15.24	16.8	0.0
20	QPSK	50	28	15.20	15.26	15.25	16.8	0.0
20	QPSK	50	56	15.24	15.21	15.27	16.8	0.0
20	QPSK	100	0	15.18	15.28	15.23		
20	16QAM	1	1	15.18	15.28	15.25	16.8	0.0
20	64QAM	1	1	15.16	15.24	15.18	16.8	0.0
20	256QAM	1	1	15.24	15.27	15.24	16.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.15	15.20	15.23	16.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.23	15.23	15.19	16.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.23	15.25	15.23	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.70	17.76	17.73	19.0	0.0
100	PI/2 BPSK	1	137	17.80	17.86	17.77		
100	PI/2 BPSK	1	271	17.78	17.85	17.76		
100	PI/2 BPSK	135	0	17.65	17.76	17.67	19.0	0.0
100	PI/2 BPSK	135	69	17.71	17.82	17.75	19.0	0.0
100	PI/2 BPSK	135	138	17.64	17.75	17.70	19.0	0.0
100	PI/2 BPSK	270	0	17.62	17.81	17.72		
100	QPSK	1	1	17.67	17.72	17.74	19.0	0.0
100	QPSK	1	137	17.66	17.76	17.66		
100	QPSK	1	271	17.69	17.78	17.66		
100	QPSK	135	0	17.62	17.75	17.72	19.0	0.0
100	QPSK	135	69	17.62	17.78	17.65		
100	QPSK	135	138	17.66	17.79	17.69		
100	QPSK	270	0	17.66	17.80	17.66	19.0	0.0
100	16QAM	1	137	17.64	17.79	17.65	19.0	0.0
100	64QAM	1	137	17.64	17.81	17.66	19.0	0.0
100	256QAM	1	137	17.63	17.72	17.72	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	17.61	17.81	17.73	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	17.61	17.79	17.70	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	17.65	17.79	17.73	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	17.66	17.81	17.74	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	17.67	17.80	17.74	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	17.62	17.76	17.69	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	17.66	17.74	17.74	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	17.67	17.74	17.73	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	17.61	17.79	17.65	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.67	15.70	15.68	17.3	0.0
100	PI/2 BPSK	1	137	15.71	15.79	15.77		
100	PI/2 BPSK	1	271	15.62	15.71	15.68		
100	PI/2 BPSK	135	0	15.62	15.70	15.59	17.3	0.0
100	PI/2 BPSK	135	69	15.64	15.71	15.68	17.3	0.0
100	PI/2 BPSK	135	138	15.56	15.61	15.67	17.3	0.0
100	PI/2 BPSK	270	0	15.59	15.67	15.64		
100	QPSK	1	1	15.62	15.65	15.62	17.3	0.0
100	QPSK	1	137	15.58	15.63	15.62		
100	QPSK	1	271	15.58	15.68	15.59		
100	QPSK	135	0	15.62	15.64	15.61	17.3	0.0
100	QPSK	135	69	15.61	15.61	15.59		
100	QPSK	135	138	15.62	15.62	15.67		
100	QPSK	270	0	15.54	15.64	15.65	17.3	0.0
100	16QAM	1	137	15.56	15.65	15.58	17.3	0.0
100	64QAM	1	137	15.61	15.61	15.58	17.3	0.0
100	256QAM	1	137	15.54	15.62	15.60	17.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	15.60	15.68	15.66	17.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	15.54	15.64	15.63	17.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	15.62	15.69	15.65	17.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	15.58	15.65	15.59	17.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	15.62	15.65	15.64	17.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	15.63	15.69	15.63	17.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	15.55	15.61	15.61	17.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	15.60	15.68	15.60	17.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	15.63	15.62	15.65	17.3	0.0

Reduced Power Mode for DSI9--5GNR SA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.63	18.66	18.58	19.5	0.0
20	PI/2 BPSK	1	53	18.57	18.63	18.50		
20	PI/2 BPSK	1	104	18.53	18.63	18.52		
20	PI/2 BPSK	50	0	18.55	18.54	18.48	19.5	0.0
20	PI/2 BPSK	50	28	18.58	18.64	18.55	19.5	0.0
20	PI/2 BPSK	50	56	18.55	18.57	18.45	19.5	0.0
20	PI/2 BPSK	100	0	18.52	18.54	18.47		
20	QPSK	1	1	18.50	18.56	18.53	19.5	0.0
20	QPSK	1	53	18.48	18.57	18.50		
20	QPSK	1	104	18.49	18.58	18.48		
20	QPSK	50	0	18.56	18.63	18.50	19.5	0.0
20	QPSK	50	28	18.56	18.57	18.46	19.5	0.0
20	QPSK	50	56	18.52	18.54	18.48	19.5	0.0
20	QPSK	100	0	18.52	18.63	18.45		
20	16QAM	1	1	18.56	18.59	18.52	19.5	0.0
20	64QAM	1	1	18.48	18.63	18.46	19.5	0.0
20	256QAM	1	1	18.50	18.59	18.45	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	18.52	18.54	18.52	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	18.50	18.57	18.51	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	18.51	18.56	18.54	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.70	17.76	17.73	19.0	0.0
100	PI/2 BPSK	1	137	17.80	17.86	17.77		
100	PI/2 BPSK	1	271	17.78	17.85	17.76		
100	PI/2 BPSK	135	0	17.65	17.76	17.67	19.0	0.0
100	PI/2 BPSK	135	69	17.71	17.82	17.75	19.0	0.0
100	PI/2 BPSK	135	138	17.64	17.75	17.70	19.0	0.0
100	PI/2 BPSK	270	0	17.62	17.81	17.72		
100	QPSK	1	1	17.67	17.72	17.74	19.0	0.0
100	QPSK	1	137	17.66	17.76	17.66		
100	QPSK	1	271	17.69	17.78	17.66		
100	QPSK	135	0	17.62	17.75	17.72	19.0	0.0
100	QPSK	135	69	17.62	17.78	17.65		
100	QPSK	135	138	17.66	17.79	17.69		
100	QPSK	270	0	17.66	17.80	17.66	19.0	0.0
100	16QAM	1	137	17.64	17.79	17.65	19.0	0.0
100	64QAM	1	137	17.64	17.81	17.66	19.0	0.0
100	256QAM	1	137	17.63	17.72	17.72	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	17.61	17.81	17.73	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	17.61	17.79	17.70	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	17.65	17.79	17.73	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	17.66	17.81	17.74	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	17.67	17.80	17.74	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	17.62	17.76	17.69	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	17.66	17.74	17.74	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	17.67	17.74	17.73	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	17.61	17.79	17.65	19.0	0.0

Full/Default power for 5GNR NSA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.46	23.43	24.5	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.42		
20	PI/2 BPSK	1	104	23.35	23.38	23.29		
20	PI/2 BPSK	50	0	22.96	22.97	22.96	24.0	0.5
20	PI/2 BPSK	50	28	23.32	23.42	23.33	24.5	0.0
20	PI/2 BPSK	50	56	22.75	22.84	22.76	24.0	0.5
20	PI/2 BPSK	100	0	22.96	22.98	22.88		
20	QPSK	1	1	23.36	23.37	23.33	24.5	0.0
20	QPSK	1	53	23.38	23.42	23.40		
20	QPSK	1	104	23.25	23.26	23.24		
20	QPSK	50	0	22.42	22.46	22.39	23.5	1.0
20	QPSK	50	28	23.42	23.45	23.37	24.5	0.0
20	QPSK	50	56	22.25	22.31	22.24	23.5	1.0
20	QPSK	100	0	22.39	22.42	22.36		
20	16QAM	1	1	22.05	22.15	22.10	23.5	1.0
20	64QAM	1	1	20.77	20.81	20.71	22.0	2.5
20	256QAM	1	1	19.15	19.25	19.24	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.26	23.41	23.26	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.35	22.91	23.31	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.35	23.11	23.32	24.5	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.06	23.12	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.94	23.10	22.92		
20	PI/2 BPSK	1	104	23.00	23.00	22.91		
20	PI/2 BPSK	50	0	22.48	22.57	22.49	23.5	0.5
20	PI/2 BPSK	50	28	23.09	23.11	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.56	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.41	22.52	22.47		
20	QPSK	1	1	23.00	22.98	23.00	24.0	0.0
20	QPSK	1	53	23.03	23.00	22.97		
20	QPSK	1	104	22.90	22.89	22.99		
20	QPSK	50	0	22.06	22.02	22.09	23.0	1.0
20	QPSK	50	28	23.06	23.06	23.07	24.0	0.0
20	QPSK	50	56	22.05	22.01	22.03	23.0	1.0
20	QPSK	100	0	22.02	22.10	22.07		
20	16QAM	1	1	21.61	21.70	21.58	23.0	1.0
20	64QAM	1	1	20.27	20.41	20.28	21.5	2.5
20	256QAM	1	1	18.67	18.78	18.66	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.88	23.01	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.96	23.03	22.87	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.92	23.01	22.93	24.0	0.0

n7_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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.21	22.23	22.08	23.8	0.0
20	PI/2 BPSK	1	53	22.07	22.20	21.99		
20	PI/2 BPSK	1	104	22.06	22.13	22.00		
20	PI/2 BPSK	50	0	22.09	22.09	21.94	23.3	0.5
20	PI/2 BPSK	50	28	22.10	22.15	22.04	23.8	0.0
20	PI/2 BPSK	50	56	21.98	22.05	22.00	23.3	0.5
20	PI/2 BPSK	100	0	22.02	22.10	21.97		
20	QPSK	1	1	22.13	22.16	22.10	23.8	0.0
20	QPSK	1	53	22.07	22.14	22.15		
20	QPSK	1	104	21.98	22.08	22.08		
20	QPSK	50	0	21.56	21.59	21.55	22.8	1.0
20	QPSK	50	28	22.02	22.03	22.13	23.8	0.0
20	QPSK	50	56	21.51	21.61	21.52	22.8	1.0
20	QPSK	100	0	21.58	21.69	21.67		
20	16QAM	1	1	21.15	21.16	21.13	22.8	1.0
20	64QAM	1	1	19.54	19.56	19.48	21.3	2.5
20	256QAM	1	1	18.08	18.15	18.04	19.3	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.20	22.08	22.04	23.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.11	22.14	22.04	23.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.15	22.11	21.97	23.8	0.0

Reduced Power Mode for DSI2--5GNR NSA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.24	20.29	20.25	21.0	0.0
20	PI/2 BPSK	1	53	20.10	20.15	20.14		
20	PI/2 BPSK	1	104	19.98	20.08	19.96		
20	PI/2 BPSK	50	0	20.20	20.23	20.12	21.0	0.0
20	PI/2 BPSK	50	28	20.22	20.26	20.20	21.0	0.0
20	PI/2 BPSK	50	56	20.00	20.02	19.99	21.0	0.0
20	PI/2 BPSK	100	0	20.11	20.14	20.04		
20	QPSK	1	1	20.08	20.09	20.01	21.0	0.0
20	QPSK	1	53	20.03	20.11	19.98		
20	QPSK	1	104	19.95	20.03	19.97		
20	QPSK	50	0	19.90	19.99	19.89	21.0	0.0
20	QPSK	50	28	20.00	20.01	19.98	21.0	0.0
20	QPSK	50	56	19.98	20.04	20.02	21.0	0.0
20	QPSK	100	0	19.98	20.03	20.02		
20	16QAM	1	1	19.80	19.92	19.90	21.0	0.0
20	64QAM	1	1	19.83	19.96	19.81	21.0	0.0
20	256QAM	1	1	19.33	19.35	19.29	20.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	19.99	20.06	20.02	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.05	20.05	20.03	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.00	20.04	19.99	21.0	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.10	15.17	15.08	16.0	0.0
20	PI/2 BPSK	1	53	15.03	15.11	15.05		
20	PI/2 BPSK	1	104	15.02	15.16	14.99		
20	PI/2 BPSK	50	0	15.02	15.13	15.02	16.0	0.0
20	PI/2 BPSK	50	28	15.09	15.14	15.03	16.0	0.0
20	PI/2 BPSK	50	56	15.00	15.10	14.94	16.0	0.0
20	PI/2 BPSK	100	0	15.02	15.11	15.02		
20	QPSK	1	1	15.06	15.04	14.94	16.0	0.0
20	QPSK	1	53	15.06	15.10	14.95		
20	QPSK	1	104	15.06	15.12	14.96		
20	QPSK	50	0	15.07	15.10	14.96	16.0	0.0
20	QPSK	50	28	15.00	15.09	14.98	16.0	0.0
20	QPSK	50	56	15.07	15.11	15.02	16.0	0.0
20	QPSK	100	0	15.03	15.12	14.99		
20	16QAM	1	1	15.03	15.05	15.02	16.0	0.0
20	64QAM	1	1	15.03	15.09	14.97	16.0	0.0
20	256QAM	1	1	15.08	15.12	15.01	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.04	15.11	14.99	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.05	15.13	14.97	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.04	15.04	15.02	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	11.80	11.88	11.82	13.3	0.0
20	PI/2 BPSK	1	53	11.73	11.87	11.72		
20	PI/2 BPSK	1	104	11.78	11.80	11.72		
20	PI/2 BPSK	50	0	11.64	11.81	11.76	13.3	0.0
20	PI/2 BPSK	50	28	11.74	11.85	11.81	13.3	0.0
20	PI/2 BPSK	50	56	11.66	11.75	11.80	13.3	0.0
20	PI/2 BPSK	100	0	11.73	11.77	11.74		
20	QPSK	1	1	11.63	11.69	11.67	13.3	0.0
20	QPSK	1	53	11.66	11.75	11.65		
20	QPSK	1	104	11.64	11.69	11.66		
20	QPSK	50	0	11.64	11.72	11.73	13.3	0.0
20	QPSK	50	28	11.65	11.74	11.68	13.3	0.0
20	QPSK	50	56	11.65	11.74	11.65	13.3	0.0
20	QPSK	100	0	11.66	11.74	11.67		
20	16QAM	1	1	11.71	11.73	11.68	13.3	0.0
20	64QAM	1	1	11.71	11.75	11.72	13.3	0.0
20	256QAM	1	1	11.67	11.67	11.66	13.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	11.64	11.69	11.68	13.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	11.65	11.69	11.65	13.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	11.71	11.70	11.64	13.3	0.0

Reduced Power Mode for DSI3--5GNR NSA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	17.59	17.71	17.68	18.5	0.0
20	PI/2 BPSK	1	53	17.47	17.56	17.49		
20	PI/2 BPSK	1	104	17.39	17.46	17.41		
20	PI/2 BPSK	50	0	17.31	17.58	17.42	18.5	0.0
20	PI/2 BPSK	50	28	17.61	17.64	17.58	18.5	0.0
20	PI/2 BPSK	50	56	17.38	17.51	17.46	18.5	0.0
20	PI/2 BPSK	100	0	17.56	17.63	17.59		
20	QPSK	1	1	17.45	17.55	17.45	18.5	0.0
20	QPSK	1	53	17.45	17.52	17.41		
20	QPSK	1	104	17.32	17.55	17.33		
20	QPSK	50	0	17.44	17.49	17.45	18.5	0.0
20	QPSK	50	28	17.43	17.61	17.39	18.5	0.0
20	QPSK	50	56	17.40	17.53	17.36	18.5	0.0
20	QPSK	100	0	17.44	17.37	17.40		
20	16QAM	1	1	17.25	17.34	17.26	18.5	0.0
20	64QAM	1	1	17.29	17.39	17.33	18.5	0.0
20	256QAM	1	1	17.38	17.43	17.52	18.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	17.40	17.54	17.40	18.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	17.45	17.49	17.42	18.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	17.46	17.51	17.45	18.5	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.27	12.31	12.19	13.0	0.0
20	PI/2 BPSK	1	53	12.08	12.18	12.09		
20	PI/2 BPSK	1	104	12.06	12.13	12.08		
20	PI/2 BPSK	50	0	12.10	12.15	12.02	13.0	0.0
20	PI/2 BPSK	50	28	12.14	12.27	12.22	13.0	0.0
20	PI/2 BPSK	50	56	11.95	12.21	11.97	13.0	0.0
20	PI/2 BPSK	100	0	12.17	12.26	12.14		
20	QPSK	1	1	12.20	12.21	12.12	13.0	0.0
20	QPSK	1	53	12.11	12.06	12.06		
20	QPSK	1	104	12.06	12.15	12.18		
20	QPSK	50	0	12.07	12.14	12.01	13.0	0.0
20	QPSK	50	28	11.96	12.08	11.97	13.0	0.0
20	QPSK	50	56	11.95	12.07	12.01	13.0	0.0
20	QPSK	100	0	12.01	12.13	12.02		
20	16QAM	1	1	11.86	11.98	11.88	13.0	0.0
20	64QAM	1	1	11.97	12.01	11.97	13.0	0.0
20	256QAM	1	1	12.08	12.12	12.10	13.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	12.14	12.16	12.11	13.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	12.20	12.17	12.18	13.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	12.17	12.20	12.19	13.0	0.0

n7_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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	8.74	8.79	8.76	10.3	0.0
20	PI/2 BPSK	1	53	8.65	8.73	8.74		
20	PI/2 BPSK	1	104	8.72	8.75	8.71		
20	PI/2 BPSK	50	0	8.62	8.74	8.68	10.3	0.0
20	PI/2 BPSK	50	28	8.66	8.76	8.74	10.3	0.0
20	PI/2 BPSK	50	56	8.65	8.75	8.65	10.3	0.0
20	PI/2 BPSK	100	0	8.63	8.73	8.68		
20	QPSK	1	1	8.62	8.69	8.65	10.3	0.0
20	QPSK	1	53	8.58	8.75	8.66		
20	QPSK	1	104	8.63	8.72	8.69		
20	QPSK	50	0	8.60	8.73	8.69	10.3	0.0
20	QPSK	50	28	8.57	8.72	8.66	10.3	0.0
20	QPSK	50	56	8.59	8.72	8.66	10.3	0.0
20	QPSK	100	0	8.62	8.73	8.73		
20	16QAM	1	1	8.61	8.74	8.72	10.3	0.0
20	64QAM	1	1	8.65	8.69	8.67	10.3	0.0
20	256QAM	1	1	8.60	8.73	8.67	10.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	8.63	8.69	8.67	10.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	8.58	8.72	8.67	10.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	8.62	8.73	8.73	10.3	0.0

Reduced Power Mode for DSI4--5GNR NSA

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.06	23.12	23.05	24.0	0.0
20	PI/2 BPSK	1	53	22.94	23.10	22.92		
20	PI/2 BPSK	1	104	23.00	23.00	22.91		
20	PI/2 BPSK	50	0	22.48	22.57	22.49	23.5	0.5
20	PI/2 BPSK	50	28	23.09	23.11	23.00	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.56	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.41	22.52	22.47		
20	QPSK	1	1	23.00	22.98	23.00	24.0	0.0
20	QPSK	1	53	23.03	23.00	22.97		
20	QPSK	1	104	22.90	22.89	22.99		
20	QPSK	50	0	22.06	22.02	22.09	23.0	1.0
20	QPSK	50	28	23.06	23.06	23.07	24.0	0.0
20	QPSK	50	56	22.05	22.01	22.03	23.0	1.0
20	QPSK	100	0	22.02	22.10	22.07		
20	16QAM	1	1	21.61	21.70	21.58	23.0	1.0
20	64QAM	1	1	20.27	20.41	20.28	21.5	2.5
20	256QAM	1	1	18.67	18.78	18.66	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.88	23.01	22.93	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.96	23.03	22.87	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.92	23.01	22.93	24.0	0.0

n7_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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.70	20.75	20.70	22.3	0.0
20	PI/2 BPSK	1	53	20.57	20.65	20.61		
20	PI/2 BPSK	1	104	20.60	20.71	20.70		
20	PI/2 BPSK	50	0	20.45	20.50	20.49	22.3	0.0
20	PI/2 BPSK	50	28	20.65	20.74	20.67	22.3	0.0
20	PI/2 BPSK	50	56	20.61	20.66	20.59	22.3	0.0
20	PI/2 BPSK	100	0	20.62	20.66	20.60		
20	QPSK	1	1	20.45	20.56	20.47	22.3	0.0
20	QPSK	1	53	20.44	20.51	20.38		
20	QPSK	1	104	20.54	20.65	20.57		
20	QPSK	50	0	20.42	20.46	20.41	22.3	0.0
20	QPSK	50	28	20.37	20.48	20.46	22.3	0.0
20	QPSK	50	56	20.24	20.28	20.19	22.3	0.0
20	QPSK	100	0	20.19	20.31	20.28		
20	16QAM	1	1	20.27	20.37	20.25	22.3	0.0
20	64QAM	1	1	19.16	19.27	19.26	21.3	1.0
20	256QAM	1	1	17.12	17.15	17.14	19.3	3.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.73	20.74	20.68	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.71	20.74	20.72	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.70	20.66	20.73	22.3	0.0

Reduced Power Mode for DSI5--5GNR NSA

n5_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.46	23.43	24.5	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.42		
20	PI/2 BPSK	1	104	23.35	23.38	23.29		
20	PI/2 BPSK	50	0	22.96	22.97	22.96	24.0	0.5
20	PI/2 BPSK	50	28	23.32	23.42	23.33	24.5	0.0
20	PI/2 BPSK	50	56	22.75	22.84	22.76	24.0	0.5
20	PI/2 BPSK	100	0	22.96	22.98	22.88		
20	QPSK	1	1	23.36	23.37	23.33	24.5	0.0
20	QPSK	1	53	23.38	23.42	23.40		
20	QPSK	1	104	23.25	23.26	23.24		
20	QPSK	50	0	22.42	22.46	22.39	23.5	1.0
20	QPSK	50	28	23.42	23.45	23.37	24.5	0.0
20	QPSK	50	56	22.25	22.31	22.24	23.5	1.0
20	QPSK	100	0	22.39	22.42	22.36		
20	16QAM	1	1	22.05	22.15	22.10	23.5	1.0
20	64QAM	1	1	20.77	20.81	20.71	22.0	2.5
20	256QAM	1	1	19.15	19.25	19.24	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.26	23.41	23.26	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.35	22.91	23.31	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.35	23.11	23.32	24.5	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.63	18.66	18.58	19.5	0.0
20	PI/2 BPSK	1	53	18.57	18.63	18.50		
20	PI/2 BPSK	1	104	18.53	18.63	18.52		
20	PI/2 BPSK	50	0	18.55	18.54	18.48	19.5	0.0
20	PI/2 BPSK	50	28	18.58	18.64	18.55	19.5	0.0
20	PI/2 BPSK	50	56	18.55	18.57	18.45	19.5	0.0
20	PI/2 BPSK	100	0	18.52	18.54	18.47		
20	QPSK	1	1	18.50	18.56	18.53	19.5	0.0
20	QPSK	1	53	18.48	18.57	18.50		
20	QPSK	1	104	18.49	18.58	18.48		
20	QPSK	50	0	18.56	18.63	18.50	19.5	0.0
20	QPSK	50	28	18.56	18.57	18.46	19.5	0.0
20	QPSK	50	56	18.52	18.54	18.48	19.5	0.0
20	QPSK	100	0	18.52	18.63	18.45		
20	16QAM	1	1	18.56	18.59	18.52	19.5	0.0
20	64QAM	1	1	18.48	18.63	18.46	19.5	0.0
20	256QAM	1	1	18.50	18.59	18.45	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	18.52	18.54	18.52	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	18.50	18.57	18.51	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	18.51	18.56	18.54	19.5	0.0

n7_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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.26	15.35	15.30	16.8	0.0
20	PI/2 BPSK	1	53	15.22	15.33	15.29		
20	PI/2 BPSK	1	104	15.23	15.32	15.22		
20	PI/2 BPSK	50	0	15.17	15.26	15.27	16.8	0.0
20	PI/2 BPSK	50	28	15.25	15.30	15.28	16.8	0.0
20	PI/2 BPSK	50	56	15.21	15.29	15.27	16.8	0.0
20	PI/2 BPSK	100	0	15.23	15.26	15.25		
20	QPSK	1	1	15.23	15.23	15.22	16.8	0.0
20	QPSK	1	53	15.18	15.22	15.19		
20	QPSK	1	104	15.19	15.28	15.23		
20	QPSK	50	0	15.15	15.26	15.24	16.8	0.0
20	QPSK	50	28	15.20	15.26	15.25	16.8	0.0
20	QPSK	50	56	15.24	15.21	15.27	16.8	0.0
20	QPSK	100	0	15.18	15.28	15.23		
20	16QAM	1	1	15.18	15.28	15.25	16.8	0.0
20	64QAM	1	1	15.16	15.24	15.18	16.8	0.0
20	256QAM	1	1	15.24	15.27	15.24	16.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.15	15.20	15.23	16.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.23	15.23	15.19	16.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.23	15.25	15.23	16.8	0.0

Reduced Power Mode for DSI8/10--5GNR NSA

n5_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.24	21.25	21.21	22.0	0.0
20	PI/2 BPSK	1	53	21.08	21.15	21.04		
20	PI/2 BPSK	1	104	20.98	21.02	21.05		
20	PI/2 BPSK	50	0	21.08	21.11	21.05	22.0	0.0
20	PI/2 BPSK	50	28	21.20	21.24	21.13	22.0	0.0
20	PI/2 BPSK	50	56	21.10	21.13	21.04	22.0	0.0
20	PI/2 BPSK	100	0	21.15	21.18	21.08		
20	QPSK	1	1	21.01	21.07	21.02	22.0	0.0
20	QPSK	1	53	21.04	21.14	21.11		
20	QPSK	1	104	21.03	21.08	21.07		
20	QPSK	50	0	21.09	21.08	21.01	22.0	0.0
20	QPSK	50	28	21.07	21.13	21.06	22.0	0.0
20	QPSK	50	56	21.13	21.14	21.03	22.0	0.0
20	QPSK	100	0	21.03	21.09	21.08		
20	16QAM	1	1	20.74	20.87	20.79	22.0	0.0
20	64QAM	1	1	20.77	20.89	20.78	22.0	0.0
20	256QAM	1	1	19.33	19.47	19.32	20.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.05	21.13	21.02	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.11	21.17	20.99	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.05	21.11	20.98	22.0	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.82	15.85	15.79	16.5	0.0
20	PI/2 BPSK	1	53	15.52	15.63	15.60		
20	PI/2 BPSK	1	104	15.60	15.71	15.62		
20	PI/2 BPSK	50	0	15.61	15.64	15.61	16.5	0.0
20	PI/2 BPSK	50	28	15.69	15.78	15.72	16.5	0.0
20	PI/2 BPSK	50	56	15.60	15.73	15.55	16.5	0.0
20	PI/2 BPSK	100	0	15.72	15.76	15.63		
20	QPSK	1	1	15.62	15.63	15.55	16.5	0.0
20	QPSK	1	53	15.66	15.58	15.70		
20	QPSK	1	104	15.56	15.49	15.57		
20	QPSK	50	0	15.66	15.67	15.62	16.5	0.0
20	QPSK	50	28	15.57	15.57	15.64	16.5	0.0
20	QPSK	50	56	15.62	15.64	15.65	16.5	0.0
20	QPSK	100	0	15.64	15.69	15.56		
20	16QAM	1	1	15.34	15.42	15.41	16.5	0.0
20	64QAM	1	1	15.46	15.47	15.43	16.5	0.0
20	256QAM	1	1	15.62	15.75	15.70	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.71	15.62	15.72	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.71	15.61	15.72	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.73	15.57	15.79	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.18	12.27	12.23	13.8	0.0
20	PI/2 BPSK	1	53	12.10	12.23	12.19		
20	PI/2 BPSK	1	104	12.17	12.19	12.17		
20	PI/2 BPSK	50	0	12.03	12.18	12.13	13.8	0.0
20	PI/2 BPSK	50	28	12.09	12.23	12.15	13.8	0.0
20	PI/2 BPSK	50	56	12.06	12.22	12.08	13.8	0.0
20	PI/2 BPSK	100	0	12.05	12.18	12.07		
20	QPSK	1	1	12.08	12.15	12.13	13.8	0.0
20	QPSK	1	53	12.05	12.20	12.06		
20	QPSK	1	104	12.00	12.19	12.11		
20	QPSK	50	0	12.00	12.18	12.14	13.8	0.0
20	QPSK	50	28	12.00	12.19	12.12	13.8	0.0
20	QPSK	50	56	12.05	12.18	12.07	13.8	0.0
20	QPSK	100	0	12.06	12.16	12.06		
20	16QAM	1	1	12.08	12.21	12.12	13.8	0.0
20	64QAM	1	1	12.03	12.16	12.08	13.8	0.0
20	256QAM	1	1	12.06	12.15	12.07	13.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	12.01	12.20	12.11	13.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	12.03	12.18	12.10	13.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	12.04	12.18	12.14	13.8	0.0

Reduced Power Mode for DSI9--5GNR NSA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.82	15.85	15.79	16.5	0.0
20	PI/2 BPSK	1	53	15.52	15.63	15.60		
20	PI/2 BPSK	1	104	15.60	15.71	15.62		
20	PI/2 BPSK	50	0	15.61	15.64	15.61	16.5	0.0
20	PI/2 BPSK	50	28	15.69	15.78	15.72	16.5	0.0
20	PI/2 BPSK	50	56	15.60	15.73	15.55	16.5	0.0
20	PI/2 BPSK	100	0	15.72	15.76	15.63		
20	QPSK	1	1	15.62	15.63	15.55	16.5	0.0
20	QPSK	1	53	15.66	15.58	15.70		
20	QPSK	1	104	15.56	15.49	15.57		
20	QPSK	50	0	15.66	15.67	15.62	16.5	0.0
20	QPSK	50	28	15.57	15.57	15.64	16.5	0.0
20	QPSK	50	56	15.62	15.64	15.65	16.5	0.0
20	QPSK	100	0	15.64	15.69	15.56		
20	16QAM	1	1	15.34	15.42	15.41	16.5	0.0
20	64QAM	1	1	15.46	15.47	15.43	16.5	0.0
20	256QAM	1	1	15.62	15.75	15.70	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.71	15.62	15.72	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.71	15.61	15.72	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.73	15.57	15.79	16.5	0.0

WIFI&Bluetooth Power

2.4GHz WLAN Ant 22					Default Power		Rec on Standalone&Simultaneous		Rec off Standalone		Rec off Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	18.91	20.00	12.86	14.00	18.91	20.00	17.84	19.00	17.84	19.00	99.41
		6	2437	Full	18.64	20.00	12.67	14.00	18.64	20.00	17.80	19.00	17.80	19.00	
		11	2462	Full	18.54	20.00	12.63	14.00	18.54	20.00	17.75	19.00	17.75	19.00	
	802.11g 6Mbps	1	2412	Full	14.80	16.00	Not Required	14.00	14.80	16.00	14.80	16.00	14.80	16.00	97.20
		6	2437	Full	17.39	19.00		14.00	17.39	19.00	17.39	19.00	17.39	19.00	
		11	2462	Full	15.60	17.00		14.00	15.60	17.00	15.60	17.00	15.60	17.00	
	802.11n-HT20 MCS0	1	2412	Full	14.74	16.00		14.00	14.74	16.00	14.74	16.00	14.74	16.00	96.30
		6	2437	Full	16.45	18.00		14.00	16.45	18.00	16.45	18.00	16.45	18.00	
		11	2462	Full	15.53	17.00		14.00	15.53	17.00	15.53	17.00	15.53	17.00	
	802.11n-HT40 MCS0	3	2422	Full	15.40	17.00		14.00	15.40	17.00	15.40	17.00	15.40	17.00	93.31
		6	2437	Full	15.50	17.00		14.00	15.50	17.00	15.50	17.00	15.50	17.00	
		9	2452	Full	14.10	15.50		14.00	14.10	15.50	14.10	15.50	14.10	15.50	
	802.11ax-HE20 MCS0	1	2412	Full	15.01	16.00		14.00	15.01	16.00	15.01	16.00	15.01	16.00	95.28
				26/0	13.09	15.00		14.00	13.09	15.00	13.09	15.00	13.09	15.00	
				25/37	16.06	18.00		14.00	16.06	18.00	16.06	18.00	16.06	18.00	
				106/53	14.26	16.00		14.00	14.26	16.00	14.26	16.00	14.26	16.00	
		6	2437	Full	16.58	18.00		14.00	16.58	18.00	16.58	18.00	16.58	18.00	
		11	2462	Full	14.77	16.00		14.00	14.77	16.00	14.77	16.00	14.77	16.00	
				26/8	13.39	15.00		14.00	13.39	15.00	13.39	15.00	13.39	15.00	
				52/40	16.31	18.00		14.00	16.31	18.00	16.31	18.00	16.31	18.00	
				106/54	14.28	16.00		14.00	14.28	16.00	14.28	16.00	14.28	16.00	
	802.11ax-HE40 MCS0	3	2422	Full	16.40	18.00		14.00	16.40	18.00	16.40	18.00	16.40	18.00	92.48
				242/61	16.30	18.00		14.00	16.30	18.00	16.30	18.00	16.30	18.00	
		6	2437	Full	16.60	18.00		14.00	16.60	18.00	16.60	18.00	16.60	18.00	
		9	2452	Full	16.80	18.00		14.00	16.80	18.00	16.80	18.00	16.80	18.00	
				242/62	16.60	18.00		14.00	16.60	18.00	16.60	18.00	16.60	18.00	

5.2GHz WLAN Ant 22					Default Power		Rec on Standalone&Simultaneous		Rec off Standalone		Rec off Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	14.43	16.00	Not Required	12.00	14.43	16.00	Not Required	16.00	Not Required	16.00	97.20
		40	5200	Full	17.58	19.00		12.00	17.58	19.00		17.00		17.00	
		44	5220	Full	17.40	19.00		12.00	17.40	19.00		17.00		17.00	
		48	5240	Full	17.62	19.00		12.00	17.62	19.00		17.00		17.00	
	802.11n-HT20 MCS0	36	5180	Full	14.96	16.00		12.00	14.96	16.00		16.00		16.00	96.30
		40	5200	Full	17.84	19.00		12.00	17.84	19.00		17.00		17.00	
		44	5220	Full	17.98	19.00		12.00	17.98	19.00		17.00		17.00	
		48	5240	Full	17.89	19.00		12.00	17.89	19.00		17.00		17.00	
	802.11n-HT40 MCS0	38	5190	Full	10.94	12.00		12.00	10.94	12.00	10.94	12.00	10.94	12.00	92.75
		46	5230	Full	16.96	18.00		12.00	16.96	18.00	15.86	17.00	15.86	17.00	
	802.11ac-VHT20 MCS0	36	5180	Full	14.44	16.00		12.00	14.44	16.00	Not Required	16.00	Not Required	16.00	97.04
		40	5200	Full	15.83	17.50		12.00	15.83	17.50		17.00		17.00	
		44	5220	Full	15.94	17.50		12.00	15.94	17.50		17.00		17.00	
		48	5240	Full	16.07	17.50		12.00	16.07	17.50		17.00		17.00	
	802.11ac-VHT40 MCS0	38	5190	Full	10.92	12.00		12.00	10.92	12.00		12.00		12.00	92.86
		46	5230	Full	16.48	17.50		12.00	16.48	17.50		17.00		17.00	
	802.11ac-VHT80 MCS0	42	5210	Full	10.41	11.50	10.41	11.50	10.41	11.50		11.50		11.50	88.89
	802.11ax-HE20 MCS0	36	5180	Full	15.12	16.50	Not Required	12.00	15.12	16.50		16.50		16.50	95.28
				26/0	10.25	12.00		12.00	10.25	12.00		12.00		12.00	
				52/37	13.26	15.00		12.00	13.26	15.00		15.00		15.00	
				106/53	15.98	17.50		12.00	15.98	17.50		17.00		17.00	
		40	5200	Full	16.24	17.50		12.00	16.24	17.50		17.00		17.00	
		44	5220	Full	16.32	17.50		12.00	16.32	17.50		17.00		17.00	
		48	5240	Full	16.27	17.50		12.00	16.27	17.50		17.00		17.00	
				26/8	10.65	12.00		12.00	10.65	12.00		12.00		12.00	
				52/40	13.78	15.00		12.00	13.78	15.00		15.00		15.00	
				106/54	16.04	17.50		12.00	16.04	17.50		17.00		17.00	
	802.11ax-HE40 MCS0	38	5190	Full	13.47	14.50		12.00	13.47	14.50		14.50		14.50	91.38
				242/61	15.15	16.50		12.00	15.15	16.50		16.50		16.50	
		46	5230	Full	16.49	17.50		12.00	16.49	17.50		17.00		17.00	
				242/62	16.36	17.50		12.00	16.36	17.50		17.00		17.00	
	802.11ax-HE80 MCS0	42	5210	Full	12.80	14.00	10.86	12.00	12.80	14.00		14.00		14.00	87.88
				484/65	13.29	14.50	10.74	12.00	13.29	14.50		14.50		14.50	
				484/66	13.48	14.50	10.82	12.00	13.48	14.50		14.50		14.50	

5.3GHz WLAN Ant 22					Default Power		Rec on Standalone&Simultaneous		Rec off Standalone		Rec off Simultaneous		Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	17.86	19.00	Not Required	12.00	17.86	19.00	Not Required	17.00	97.20
		56	5280	Full	17.82	19.00		12.00	17.82	19.00		17.00	
		60	5300	Full	17.92	19.00		12.00	17.92	19.00		17.00	
		64	5320	Full	15.99	17.00		12.00	15.99	17.00		17.00	
	802.11n-HT20 MCS0	52	5260	Full	17.36	19.00		12.00	17.36	19.00		17.00	96.30
		56	5280	Full	17.38	19.00		12.00	17.38	19.00		17.00	
		60	5300	Full	17.42	19.00		12.00	17.42	19.00		17.00	
		64	5320	Full	15.62	17.00		12.00	15.62	17.00		17.00	
	802.11n-HT40 MCS0	54	5270	Full	16.83	18.00		12.00	16.83	18.00	15.78	17.00	92.75
		62	5310	Full	12.98	14.00		12.00	12.98	14.00	12.98	14.00	
	802.11ac-VHT20 MCS0	52	5260	Full	15.97	17.50		12.00	15.97	17.50	Not Required	17.00	97.04
		56	5280	Full	16.07	17.50		12.00	16.07	17.50		17.00	
		60	5300	Full	16.14	17.50		12.00	16.14	17.50		17.00	
		64	5320	Full	15.59	17.00		12.00	15.59	17.00		17.00	
	802.11ac-VHT40 MCS0	54	5270	Full	16.37	17.50		12.00	16.37	17.50		17.00	92.86
		62	5310	Full	12.95	14.00		12.00	12.95	14.00		14.00	
	802.11ac-VHT80 MCS0	58	5290	Full	11.47	12.50	10.94	12.00	11.47	12.50		12.50	88.89
	802.11ax-HE20 MCS0	52	5260	Full	16.15	17.50		12.00	16.15	17.50		17.00	95.28
				26/0	10.36	12.00		12.00	10.36	12.00		12.00	
				52/37	13.49	15.00		12.00	13.49	15.00		15.00	
				106/53	16.16	17.50		12.00	16.16	17.50		17.00	
		56	5280	Full	16.22	17.50		12.00	16.22	17.50		17.00	
		60	5300	Full	16.28	17.50		12.00	16.28	17.50		17.00	
		64	5320	Full	16.39	17.50		12.00	16.39	17.50		17.00	
				26/8	10.72	12.00		12.00	10.72	12.00		12.00	
				52/40	13.80	15.00		12.00	13.80	15.00		15.00	
				106/54	16.13	17.50		12.00	16.13	17.50		17.00	
	802.11ax-HE40 MCS0	54	5270	Full	16.47	17.50		12.00	16.47	17.50		17.00	91.38
				242/61	16.22	17.50		12.00	16.22	17.50		17.00	
		62	5310	Full	13.97	15.00		12.00	13.97	15.00		15.00	
				242/62	16.31	17.50		12.00	16.31	17.50		17.00	
	802.11ax-HE80 MCS0	58	5290	Full	12.43	13.00		12.00	12.43	13.00		13.00	87.88
				484/65	13.98	15.00		12.00	13.98	15.00		15.00	
				484/66	13.03	14.00		12.00	13.03	14.00		14.00	

5.5GHz WLAN Ant 22					Default Power		Rec on Standalone&Simultaneous		Rec off Standalone		Rec off Simultaneous		Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	15.48	16.50	Not Required	12.00	15.48	16.50	Not Required	16.50	97.20
		116	5580	Full	17.78	19.00		12.00	17.78	19.00		16.50	
		124	5620	Full	17.64	19.00		12.00	17.64	19.00		16.50	
		132	5660	Full	17.62	19.00		12.00	17.62	19.00		16.50	
		140	5700	Full	13.44	14.50		12.00	13.44	14.50		14.50	
		144	5720	Full	17.69	19.00		12.00	17.69	19.00		16.50	
	802.11n-HT20 MCS0	100	5500	Full	15.12	16.50		12.00	15.12	16.50		16.50	96.30
		116	5580	Full	17.20	19.00		12.00	17.20	19.00		16.50	
		124	5620	Full	17.13	19.00		12.00	17.13	19.00		16.50	
		132	5660	Full	17.16	19.00		12.00	17.16	19.00		16.50	
		140	5700	Full	12.99	14.50		12.00	12.99	14.50		14.50	
		144	5720	Full	17.14	19.00		12.00	17.14	19.00		16.50	
	802.11n-HT40 MCS0	102	5510	Full	12.47	13.50		12.00	12.47	13.50		13.50	92.75
		110	5550	Full	16.96	18.00		12.00	16.96	18.00		16.50	
		126	5630	Full	16.88	18.00		12.00	16.88	18.00		16.50	
		134	5670	Full	14.73	16.00		12.00	14.73	16.00		16.00	
		142	5710	Full	16.57	18.00		12.00	16.57	18.00		16.50	
	802.11ac-VHT20 MCS0	100	5500	Full	15.10	16.50		12.00	15.10	16.50		16.50	97.04
		116	5580	Full	15.82	17.50		12.00	15.82	17.50		16.50	
		124	5620	Full	15.77	17.50		12.00	15.77	17.50		16.50	
		132	5660	Full	15.74	17.50		12.00	15.74	17.50		16.50	
		140	5700	Full	12.96	14.50		12.00	12.96	14.50		14.50	
		144	5720	Full	15.79	17.50		12.00	15.79	17.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	Full	12.44	13.50		12.00	12.44	13.50		13.50	92.86
		110	5550	Full	16.48	17.50		12.00	16.48	17.50		16.50	
		126	5630	Full	16.41	17.50		12.00	16.41	17.50		16.50	
		134	5670	Full	14.70	16.00		12.00	14.70	16.00		16.00	
		142	5710	Full	16.15	17.50		12.00	16.15	17.50		16.50	
	802.11ac-VHT80 MCS0	106	5530	Full	11.45	12.50	10.94	12.00	11.45	12.50	11.45	12.50	88.89
		122	5610	Full	16.06	17.00	10.98	12.00	16.06	17.00	15.08	16.50	
		138	5690	Full	16.01	17.00	10.73	12.00	16.01	17.00	15.14	16.50	
	802.11ax-HE20 MCS0	100	5500	Full	13.35	14.50	Not Required	12.00	13.35	14.50	Not Required	14.50	95.28
				26/0	10.30	12.00		12.00	10.30	12.00		12.00	
				25/37	13.60	15.00		12.00	13.60	15.00		15.00	
				106/53	13.92	15.00		12.00	13.92	15.00		15.00	
		116	5580	Full	16.12	17.50		12.00	16.12	17.50		16.50	
		124	5620	Full	16.02	17.50		12.00	16.02	17.50		16.50	
		132	5660	Full	16.08	17.50		12.00	16.08	17.50		16.50	
		140	5700	Full	11.68	13.00		12.00	11.68	13.00		13.00	
				26/8	10.14	12.00		12.00	10.14	12.00		12.00	
				52/40	13.44	15.00		12.00	13.44	15.00		15.00	
				106/54	13.75	15.00		12.00	13.75	15.00		15.00	
		144	5720	Full	16.08	17.50		12.00	16.08	17.50		16.50	
				26/8	12.33	14.00		12.00	12.33	14.00		14.00	
				52/40	15.80	17.50		12.00	15.80	17.50		16.50	
				106/54	16.10	17.50		12.00	16.10	17.50		16.50	
	802.11ax-HE40 MCS0	102	5510	Full	11.95	13.00		12.00	11.95	13.00		13.00	91.38
				242/61	13.41	14.50		12.00	13.41	14.50		14.50	
		110	5550	Full	16.46	17.50		12.00	16.46	17.50		16.50	
		126	5630	Full	16.33	17.50		12.00	16.33	17.50		16.50	
		134	5670	Full	15.45	16.50		12.00	15.45	16.50		16.50	
				242/62	11.81	13.00		12.00	11.81	13.00		13.00	
		142	5710	Full	16.48	17.50		12.00	16.48	17.50		16.50	
				242/62	16.25	17.50		12.00	16.25	17.50		16.50	
	802.11ax-HE80 MCS0	106	5530	Full	11.81	13.00		12.00	11.81	13.00		13.00	87.88
				484/65	12.13	13.00		12.00	12.13	13.00		13.00	
		122	5610	Full	16.30	17.00		12.00	16.30	17.00		16.50	
				484/66	16.30	17.50		12.00	16.30	17.50		16.50	
		138	5690	Full	16.25	17.00		12.00	16.25	17.00		16.50	
				484/66	16.24	17.50		12.00	16.24	17.50		16.50	

5.8GHz WLAN Ant 22					Default Power		Rec on Standalone&Simultaneous		Rec off Standalone		Rec off Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	RU Config	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	17.73	19.00	Not Required	12.00	17.73	19.00	Not Required	17.00	Not Required	17.00	97.20
		157	5785	Full	17.83	19.00		12.00	17.83	19.00		17.00		17.00	
		165	5825	Full	17.79	19.00		12.00	17.79	19.00		17.00		17.00	
	802.11n-HT20 MCS0	149	5745	Full	17.26	19.00		12.00	17.26	19.00		17.00		17.00	96.30
		157	5785	Full	17.26	19.00		12.00	17.26	19.00		17.00		17.00	
		165	5825	Full	17.23	19.00		12.00	17.23	19.00		17.00		17.00	
	802.11n-HT40 MCS0	151	5755	Full	16.68	18.00		12.00	16.68	18.00		17.00		17.00	92.75
		159	5795	Full	16.74	18.00		12.00	16.74	18.00		17.00		17.00	
	802.11ac-VHT20 MCS0	149	5745	Full	15.80	17.50		12.00	15.80	17.50		17.00		17.00	97.04
		157	5785	Full	15.82	17.50		12.00	15.82	17.50		17.00		17.00	
		165	5825	Full	15.81	17.50		12.00	15.81	17.50		17.00		17.00	
	802.11ac-VHT40 MCS0	151	5755	Full	16.24	17.50		12.00	16.24	17.50		17.00		17.00	92.86
		159	5795	Full	16.22	17.50		12.00	16.22	17.50		17.00		17.00	
	802.11ac-VHT80 MCS0	155	5775	Full	16.00	17.50	10.62	12.00	16.00	17.50	15.58	17.00	15.58	17.00	88.89
	802.11ax-HE20 MCS0	149	5745	Full	15.08	16.50	Not Required	12.00	15.08	16.50	Not Required	16.50	Not Required	16.50	95.28
				26/0	14.52	16.50		12.00	14.52	16.50		16.50		16.50	
				52/37	14.87	16.50		12.00	14.87	16.50		16.50		16.50	
				106/53	15.11	16.50		12.00	15.11	16.50		16.50		16.50	
		157	5785	Full	15.16	16.50		12.00	15.16	16.50		16.50		16.50	
		165	5825	Full	15.21	16.50		12.00	15.21	16.50		16.50		16.50	
				26/8	14.74	16.50		12.00	14.74	16.50		16.50		16.50	
				52/40	14.97	16.50		12.00	14.97	16.50		16.50		16.50	
				106/54	15.19	16.50		12.00	15.19	16.50		16.50		16.50	
	802.11ax-HE40 MCS0	151	5755	Full	15.44	16.50		12.00	15.44	16.50		16.50		16.50	91.38
				242/61	15.32	16.50		12.00	15.32	16.50		16.50		16.50	
		159	5795	Full	15.47	16.50		12.00	15.47	16.50		16.50		16.50	
				242/62	15.38	16.50		12.00	15.38	16.50		16.50		16.50	
	802.11ax-HE80 MCS0	155	5775	Full	15.30	16.50		12.00	15.30	16.50		16.50		16.50	87.88
				484/65	15.25	16.50		12.00	15.25	16.50		16.50		16.50	
				484/66	15.33	16.50		12.00	15.33	16.50		16.50		16.50	

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	10.63	10.71	10.78	7.46	7.53	7.61	7.44	7.52	7.61	**12.50**
	CH 39	2441	11.18	11.26	11.35	8.14	8.27	8.35	8.18	8.24	8.33	
	CH 78	2480	10.39	10.45	10.52	7.07	7.14	7.22	6.93	6.99	7.06	

BLE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	10.63	10.69
	CH 19	2440	11.26	11.38
	CH 39	2480	10.07	10.20
Tune-up Limit			12.5	12.5