Full Power Mode

<GSM Power_State1>

GSM850_Ant1	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	32.18	32.14	32.17	33.50	23.18	23.14	23.17	24.50
GPRS 1 Tx slot	32.17	32.11	32.16	33.50	23.17	23.11	23.16	24.50
GPRS 2 Tx slots	31.71	31.62	31.68	33.00	25.71	25.62	25.68	27.00
GPRS 3 Tx slots	30.31	30.14	30.18	31.50	26.05	25.88	25.92	27.24
GPRS 4 Tx slots	28.88	28.79	28.81	30.50	25.88	25.79	25.81	27.50
EDGE 1 Tx slot	26.89	26.84	26.96	28.00	17.89	17.84	17.96	19.00
EDGE 2 Tx slots	26.17	25.83	25.85	27.00	20.17	19.83	19.85	21.00
EDGE 3 Tx slots	24.12	23.80	23.78	24.50	19.86	19.54	19.52	20.24
EDGE 4 Tx slots	22.87	22.63	22.62	23.50	19.87	19.63	19.62	20.50

GSM850_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.25	31.21	31.12	33.00	22.25	22.21	22.12	24.00
GPRS 1 Tx slot	31.28	31.25	31.08	33.00	22.28	22.25	22.08	24.00
GPRS 2 Tx slots	30.57	30.55	30.38	32.00	24.57	24.55	24.38	26.00
GPRS 3 Tx slots	29.33	29.28	29.12	30.00	25.07	25.02	24.86	25.74
GPRS 4 Tx slots	27.86	27.82	27.66	29.00	24.86	24.82	24.66	26.00
EDGE 1 Tx slot	26.57	26.45	26.47	28.00	17.57	17.45	17.47	19.00
EDGE 2 Tx slots	25.41	25.44	25.34	27.00	19.41	19.44	19.34	21.00
EDGE 3 Tx slots	23.59	23.41	23.54	25.00	19.33	19.15	19.28	20.74
EDGE 4 Tx slots	22.63	22.24	22.34	23.00	19.63	19.24	19.34	20.00

GSM1900_Ant1	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	29.41	29.38	29.44	30.50	20.41	20.38	20.44	21.50
GPRS 1 Tx slot	29.43	29.41	29.43	30.50	20.43	20.41	20.43	21.50
GPRS 2 Tx slots	28.91	28.93	28.97	30.00	22.91	22.93	22.97	24.00
GPRS 3 Tx slots	27.46	27.47	27.56	28.50	23.20	23.21	23.30	24.24
GPRS 4 Tx slots	26.38	26.39	26.40	27.50	23.38	23.39	23.40	24.50
EDGE 1 Tx slot	26.14	26.12	26.13	27.50	17.14	17.12	17.13	18.50
EDGE 2 Tx slots	25.40	25.30	25.30	26.50	19.40	19.30	19.30	20.50
EDGE 3 Tx slots	23.51	23.50	23.42	24.50	19.25	19.24	19.16	20.24
EDGE 4 Tx slots	22.41	22.40	22.45	23.50	19.41	19.40	19.45	20.50

GSM1900_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.45	27.45	27.49	29.00	18.45	18.45	18.49	20.00
GPRS 1 Tx slot	27.43	27.45	27.48	29.00	18.43	18.45	18.48	20.00
GPRS 2 Tx slots	26.75	26.78	26.85	28.00	20.75	20.78	20.85	22.00
GPRS 3 Tx slots	25.50	25.51	25.60	26.00	21.24	21.25	21.34	21.74
GPRS 4 Tx slots	24.07	24.11	24.15	25.00	21.07	21.11	21.15	22.00
EDGE 1 Tx slot	24.97	25.00	24.90	26.00	15.97	16.00	15.90	17.00
EDGE 2 Tx slots	24.17	24.16	24.13	25.00	18.17	18.16	18.13	19.00
EDGE 3 Tx slots	22.20	22.27	22.33	23.00	17.94	18.01	18.07	18.74
EDGE 4 Tx slots	21.50	21.27	21.32	22.00	18.50	18.27	18.32	19.00

<WCDMA_State1>

Band		WCDMA II_Ant1			Tune-up Limit (dBm)	WCDMA IV_Ant1			Tune-up Limit (dBm)	WCDMA V_Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.38	22.48	22.54	24.00	22.42	22.58	22.63	24.00	22.55	22.51	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	22.41	22.51	22.62	24.00	22.47	22.60	22.64	24.00	22.60	22.55	22.53	24.00
3GPP Rel 6	HSDPA Subtest-1	21.18	21.32	21.37	23.00	21.23	21.33	21.42	23.00	21.38	21.44	21.38	23.00
3GPP Rel 6	HSDPA Subtest-2	21.05	21.22	21.08	23.00	21.25	21.25	21.44	23.00	21.42	21.41	21.28	23.00
3GPP Rel 6	HSDPA Subtest-3	20.53	20.70	20.79	22.50	20.80	20.71	20.89	22.50	20.98	20.89	20.82	22.50
3GPP Rel 6	HSDPA Subtest-4	20.53	20.65	20.76	22.50	20.76	20.72	20.80	22.50	21.01	20.93	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.04	21.21	23.00	21.22	21.29	21.39	23.00	21.35	21.43	21.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.08	21.10	21.11	23.00	21.24	21.22	21.40	23.00	21.38	21.40	21.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.81	20.73	20.90	22.50	20.77	20.67	20.88	22.50	20.96	20.87	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.78	20.83	20.96	22.50	20.72	20.67	20.77	22.50	21.00	20.90	20.78	22.50
3GPP Rel 6	HSUPA Subtest-1	19.26	19.36	19.42	21.00	19.53	19.43	19.49	21.00	19.53	19.47	19.45	21.00
3GPP Rel 6	HSUPA Subtest-2	19.24	19.39	19.46	21.00	19.45	19.36	19.41	21.00	19.57	19.50	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	20.22	20.34	20.37	22.00	20.54	20.37	20.43	22.00	20.49	20.32	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	18.77	18.85	18.92	20.50	19.07	18.90	19.01	20.50	19.01	18.96	18.95	20.50
3GPP Rel 6	HSUPA Subtest-5	20.10	20.03	20.13	22.00	20.80	20.30	20.40	22.00	20.46	20.40	20.40	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.65	18.74	18.81	20.50	18.96	18.78	18.90	20.50	18.88	18.81	18.84	20.50

Band		WCDMA II_Ant2			Tune-up Limit (dBm)	WCDMA V_Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.91	20.85	20.87	22.50	21.53	21.49	21.42	23.00
3GPP Rel 99	RMC 12.2Kbps	20.93	20.87	20.89	22.50	21.72	21.52	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.76	19.90	19.82	21.50	20.36	20.40	20.35	22.00
3GPP Rel 6	HSDPA Subtest-2	19.74	19.78	19.66	21.50	20.33	20.30	20.29	22.00
3GPP Rel 6	HSDPA Subtest-3	19.27	19.20	19.11	21.00	19.98	19.90	19.88	21.50
3GPP Rel 6	HSDPA Subtest-4	19.17	19.25	19.12	21.00	19.92	19.89	19.85	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.75	19.89	19.78	21.50	20.32	20.39	20.33	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.69	19.73	19.64	21.50	20.31	20.28	20.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.23	19.16	19.07	21.00	19.97	19.85	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.13	19.21	19.07	21.00	19.90	19.84	19.80	21.50
3GPP Rel 6	HSUPA Subtest-1	17.77	17.96	17.89	19.50	18.51	18.42	18.38	20.00
3GPP Rel 6	HSUPA Subtest-2	17.80	17.82	17.95	19.50	18.53	18.43	18.35	20.00
3GPP Rel 6	HSUPA Subtest-3	18.79	18.87	18.80	20.50	19.50	19.44	19.41	21.00
3GPP Rel 6	HSUPA Subtest-4	17.28	17.34	17.42	19.00	17.99	17.89	17.87	19.50
3GPP Rel 6	HSUPA Subtest-5	18.67	18.77	18.67	20.50	19.40	19.38	19.38	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.17	17.21	17.29	19.00	17.95	17.85	17.86	19.50

Band 2_Ant1

BW [MHz]	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	22.29	22.25	22.25	24	0
20	QPSK	1	49	22.44	22.64	22.45		
20	QPSK	1	99	22.45	22.48	22.35		
20	QPSK	50	0	21.51	21.54	21.36	23	1
20	QPSK	50	24	21.49	21.35	21.37		
20	QPSK	50	50	21.41	21.18	21.17		
20	QPSK	100	0	21.51	21.52	21.31		
20	16QAM	1	0	21.59	21.47	21.29	23	1
20	16QAM	1	49	21.74	21.60	21.25		
20	16QAM	1	99	21.59	21.25	21.34		
20	16QAM	50	0	20.52	20.61	20.42	22	2
20	16QAM	50	24	20.56	20.42	20.44		
20	16QAM	50	50	20.50	20.25	20.22		
20	16QAM	100	0	20.44	20.25	20.28		
20	64QAM	1	0	20.41	20.06	20.17	22	2
20	64QAM	1	49	20.48	20.23	20.46		
20	64QAM	1	99	20.29	20.27	20.14		
20	64QAM	50	0	19.54	19.52	19.32	21	3
20	64QAM	50	24	19.47	19.42	19.36		
20	64QAM	50	50	19.42	19.19	19.20		
20	64QAM	100	0	19.43	19.37	19.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.43	22.22	22.15	24	0
15	QPSK	1	37	22.45	22.62	22.17		
15	QPSK	1	74	22.27	22.30	22.25		
15	QPSK	36	0	21.41	21.54	21.36	23	1
15	QPSK	36	20	21.38	21.31	21.27		
15	QPSK	36	39	21.32	21.07	21.06		
15	QPSK	75	0	21.45	21.46	21.23		
15	16QAM	1	0	21.54	21.42	21.24	23	1
15	16QAM	1	37	21.65	21.49	21.16		
15	16QAM	1	74	21.55	21.22	21.29		
15	16QAM	36	0	20.51	20.59	20.34	22	2
15	16QAM	36	20	20.49	20.42	20.42		
15	16QAM	36	39	20.48	20.25	20.15		
15	16QAM	75	0	20.33	20.18	20.17		
15	64QAM	1	0	20.39	20.00	20.13	22	2
15	64QAM	1	37	20.43	20.20	20.43		
15	64QAM	1	74	20.23	20.25	20.04		
15	64QAM	36	0	19.49	19.48	19.31	21	3
15	64QAM	36	20	19.46	19.39	19.28		
15	64QAM	36	39	19.35	19.08	19.16		
15	64QAM	75	0	19.43	19.30	19.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.41	22.23	22.25	24	0
10	QPSK	1	25	22.47	22.58	22.23		
10	QPSK	1	49	22.30	22.30	22.26		
10	QPSK	25	0	21.47	21.44	21.29	23	1
10	QPSK	25	12	21.43	21.25	21.36		
10	QPSK	25	25	21.30	21.11	21.12		
10	QPSK	50	0	21.41	21.46	21.29		
10	16QAM	1	0	21.52	21.46	21.22	23	1
10	16QAM	1	25	21.74	21.53	21.22		
10	16QAM	1	49	21.54	21.23	21.31		
10	16QAM	25	0	20.51	20.57	20.38	22	2
10	16QAM	25	12	20.56	20.35	20.35		
10	16QAM	25	25	20.43	20.22	20.16		
10	16QAM	50	0	20.33	20.20	20.18		
10	64QAM	1	0	20.32	20.01	20.08	22	2
10	64QAM	1	25	20.39	20.19	20.44		
10	64QAM	1	49	20.20	20.21	20.03		
10	64QAM	25	0	19.43	19.51	19.29	21	3
10	64QAM	25	12	19.39	19.33	19.27		
10	64QAM	25	25	19.36	19.19	19.15		
10	64QAM	50	0	19.32	19.27	19.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.14	22.18	24	0
5	QPSK	1	12	22.43	22.62	22.15		
5	QPSK	1	24	22.30	22.33	22.23		
5	QPSK	12	0	21.46	21.52	21.34	23	1
5	QPSK	12	7	21.49	21.25	21.32		
5	QPSK	12	13	21.39	21.15	21.10		
5	QPSK	25	0	21.48	21.44	21.24		
5	16QAM	1	0	21.51	21.38	21.20	23	1
5	16QAM	1	12	21.74	21.53	21.14		
5	16QAM	1	24	21.48	21.24	21.33		
5	16QAM	12	0	20.45	20.58	20.39	22	2
5	16QAM	12	7	20.48	20.38	20.43		
5	16QAM	12	13	20.49	20.17	20.13		
5	16QAM	25	0	20.34	20.24	20.23		
5	64QAM	1	0	20.31	20.03	20.06	22	2
5	64QAM	1	12	20.46	20.19	20.37		
5	64QAM	1	24	20.20	20.25	20.13		
5	64QAM	12	0	19.54	19.51	19.21	21	3
5	64QAM	12	7	19.43	19.39	19.30		
5	64QAM	12	13	19.39	19.16	19.19		
5	64QAM	25	0	19.37	19.36	19.33		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.41	22.23	22.21	24	0
3	QPSK	1	8	22.43	22.59	22.17		
3	QPSK	1	14	22.24	22.26	22.20		
3	QPSK	8	0	21.44	21.47	21.34	23	1
3	QPSK	8	4	21.41	21.28	21.32		
3	QPSK	8	7	21.41	21.11	21.13		
3	QPSK	15	0	21.49	21.47	21.30		
3	16QAM	1	0	21.51	21.36	21.22	23	1
3	16QAM	1	8	21.67	21.60	21.21		
3	16QAM	1	14	21.59	21.14	21.33		
3	16QAM	8	0	20.51	20.56	20.41	22	2
3	16QAM	8	4	20.50	20.36	20.34		
3	16QAM	8	7	20.45	20.22	20.18		
3	16QAM	15	0	20.41	20.20	20.24		
3	64QAM	1	0	20.32	20.02	20.16	22	2
3	64QAM	1	8	20.46	20.14	20.40		
3	64QAM	1	14	20.22	20.25	20.08		
3	64QAM	8	0	19.50	19.52	19.28	21	3
3	64QAM	8	4	19.40	19.41	19.30		
3	64QAM	8	7	19.39	19.17	19.10		
3	64QAM	15	0	19.37	19.31	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.51	22.34	22.32	24	0
1.4	QPSK	1	3	22.61	22.48	22.36		
1.4	QPSK	1	5	22.60	22.41	22.25		
1.4	QPSK	3	0	22.05	22.55	22.36		
1.4	QPSK	3	1	22.64	22.50	22.33		
1.4	QPSK	3	3	22.55	22.50	22.33		
1.4	QPSK	6	0	21.79	21.49	21.44	23	1
1.4	16QAM	1	0	21.71	21.44	21.64	23	1
1.4	16QAM	1	3	21.71	21.45	21.64		
1.4	16QAM	1	5	21.73	21.44	21.60		
1.4	16QAM	3	0	21.63	21.41	21.36		
1.4	16QAM	3	1	21.49	21.28	21.31		
1.4	16QAM	3	3	21.52	21.19	21.28		
1.4	16QAM	6	0	20.73	20.37	20.38	22	2
1.4	64QAM	1	0	20.32	20.40	20.35	22	2
1.4	64QAM	1	3	20.37	20.50	20.32		
1.4	64QAM	1	5	20.32	20.52	20.63		
1.4	64QAM	3	0	20.70	20.54	20.64		
1.4	64QAM	3	1	20.86	20.54	20.66		
1.4	64QAM	3	3	20.68	20.65	20.20		
1.4	64QAM	6	0	19.59	19.41	19.47	21	3

Band 2_Ant2

BW [MHz]	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	20.78	20.75	20.66	22	0
20	QPSK	1	49	20.94	21.07	20.84		
20	QPSK	1	99	20.71	20.68	20.62		
20	QPSK	50	0	19.79	20.00	19.98	21	1
20	QPSK	50	24	19.81	19.90	19.81		
20	QPSK	50	50	19.73	19.72	19.74		
20	QPSK	100	0	19.67	19.79	19.73		
20	16QAM	1	0	20.25	19.95	19.98	21	1
20	16QAM	1	49	20.08	19.90	20.29		
20	16QAM	1	99	19.97	19.93	19.97		
20	16QAM	50	0	18.88	19.10	19.10	20	2
20	16QAM	50	24	19.08	18.94	19.10		
20	16QAM	50	50	18.89	18.92	18.90		
20	16QAM	100	0	18.90	19.06	19.02		
20	64QAM	1	0	18.94	19.06	18.98	20	2
20	64QAM	1	49	19.20	19.39	18.98		
20	64QAM	1	99	19.00	19.03	18.99		
20	64QAM	50	0	17.84	18.09	18.15	19	3
20	64QAM	50	24	17.90	17.90	18.04		
20	64QAM	50	50	17.95	17.87	18.03		
20	64QAM	100	0	17.85	17.93	17.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.45	20.68	20.56	22	0
15	QPSK	1	37	20.71	20.92	20.96		
15	QPSK	1	74	20.64	20.53	20.57		
15	QPSK	36	0	19.76	19.94	19.91	21	1
15	QPSK	36	20	19.75	19.83	19.73		
15	QPSK	36	39	19.77	19.70	19.70		
15	QPSK	75	0	19.65	19.78	19.73		
15	16QAM	1	0	20.28	19.96	19.95	21	1
15	16QAM	1	37	20.03	19.84	20.22		
15	16QAM	1	74	19.87	19.82	19.88		
15	16QAM	36	0	18.85	19.04	19.00	20	2
15	16QAM	36	20	19.02	18.95	19.06		
15	16QAM	36	39	18.75	18.80	18.84		
15	16QAM	75	0	18.90	18.96	19.00		
15	64QAM	1	0	18.88	18.98	18.85	20	2
15	64QAM	1	37	19.20	19.24	18.87		
15	64QAM	1	74	18.88	18.95	18.97		
15	64QAM	36	0	17.75	18.02	18.10	19	3
15	64QAM	36	20	17.81	17.78	17.99		
15	64QAM	36	39	17.92	17.88	18.01		
15	64QAM	75	0	17.74	17.94	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.54	20.57	20.59	22	0
10	QPSK	1	25	20.63	20.90	20.93		
10	QPSK	1	49	20.58	20.49	20.55		
10	QPSK	25	0	19.67	19.96	19.97	21	1
10	QPSK	25	12	19.79	19.85	19.75		
10	QPSK	25	25	19.69	19.70	19.70		
10	QPSK	50	0	19.67	19.81	19.71		
10	16QAM	1	0	20.20	19.95	19.95	21	1
10	16QAM	1	25	19.98	19.80	20.28		
10	16QAM	1	49	19.90	19.87	19.95		
10	16QAM	25	0	18.91	19.07	19.06	20	2
10	16QAM	25	12	18.98	18.91	19.00		
10	16QAM	25	25	18.80	18.91	18.85		
10	16QAM	50	0	18.78	18.94	18.93		
10	64QAM	1	0	18.83	19.01	18.92	20	2
10	64QAM	1	25	19.10	19.29	18.82		
10	64QAM	1	49	18.90	18.99	19.02		
10	64QAM	25	0	17.79	18.04	18.14	19	3
10	64QAM	25	12	17.88	17.83	17.99		
10	64QAM	25	25	17.92	17.90	18.02		
10	64QAM	50	0	17.74	17.80	17.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.46	20.59	20.52	22	0
5	QPSK	1	12	20.57	20.93	20.82		
5	QPSK	1	24	20.47	20.48	20.47		
5	QPSK	12	0	19.66	19.84	19.98	21	1
5	QPSK	12	7	19.73	19.79	19.65		
5	QPSK	12	13	19.67	19.71	19.55		
5	QPSK	25	0	19.67	19.75	19.65		
5	16QAM	1	0	20.13	19.99	19.89	21	1
5	16QAM	1	12	19.86	19.75	20.27		
5	16QAM	1	24	19.87	19.82	19.90		
5	16QAM	12	0	18.89	18.94	19.03	20	2
5	16QAM	12	7	18.84	18.78	18.84		
5	16QAM	12	13	18.65	18.80	18.85		
5	16QAM	25	0	18.70	18.81	18.81		
5	64QAM	1	0	18.72	18.88	18.87	20	2
5	64QAM	1	12	19.01	19.25	18.78		
5	64QAM	1	24	18.88	18.94	18.87		
5	64QAM	12	0	17.77	18.01	18.08	19	3
5	64QAM	12	7	17.90	17.74	17.92		
5	64QAM	12	13	17.89	17.88	18.05		
5	64QAM	25	0	17.72	17.72	17.86		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.48	20.59	20.55	22	0
3	QPSK	1	8	20.59	20.86	20.90		
3	QPSK	1	14	20.58	20.49	20.51		
3	QPSK	8	0	19.58	19.90	19.83	21	1
3	QPSK	8	4	19.79	19.82	19.74		
3	QPSK	8	7	19.65	19.68	19.63		
3	QPSK	15	0	19.67	19.80	19.60		
3	16QAM	1	0	20.13	19.86	19.85	21	1
3	16QAM	1	8	19.94	19.77	20.19		
3	16QAM	1	14	19.82	19.82	19.92		
3	16QAM	8	0	18.80	19.08	19.01	20	2
3	16QAM	8	4	18.85	18.87	18.97		
3	16QAM	8	7	18.67	18.87	18.79		
3	16QAM	15	0	18.66	18.87	18.85		
3	64QAM	1	0	18.71	18.86	18.82	20	2
3	64QAM	1	8	19.01	19.26	18.76		
3	64QAM	1	14	18.89	18.93	18.98		
3	64QAM	8	0	17.65	17.95	18.02	19	3
3	64QAM	8	4	17.90	17.85	17.92		
3	64QAM	8	7	17.88	17.78	18.00		
3	64QAM	15	0	17.71	17.67	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.73	20.70	20.79	22	0
1.4	QPSK	1	3	20.88	20.87	20.91		
1.4	QPSK	1	5	20.70	20.75	20.86		
1.4	QPSK	3	0	20.76	20.82	21.01		
1.4	QPSK	3	1	20.87	20.94	20.93		
1.4	QPSK	3	3	20.76	20.85	20.97		
1.4	QPSK	6	0	19.80	19.76	19.88	21	1
1.4	16QAM	1	0	19.97	20.39	20.46	21	1
1.4	16QAM	1	3	20.43	19.99	20.47		
1.4	16QAM	1	5	20.29	19.95	20.38		
1.4	16QAM	3	0	20.06	19.99	20.08		
1.4	16QAM	3	1	19.90	20.06	19.97		
1.4	16QAM	3	3	19.95	19.97	20.15		
1.4	16QAM	6	0	19.04	19.11	19.27	20	2
1.4	64QAM	1	0	19.03	19.09	18.89	20	2
1.4	64QAM	1	3	19.23	19.26	19.47		
1.4	64QAM	1	5	19.21	18.79	19.20		
1.4	64QAM	3	0	19.22	19.27	19.26		
1.4	64QAM	3	1	19.03	19.27	19.36		
1.4	64QAM	3	3	19.09	19.18	19.25		
1.4	64QAM	6	0	17.93	17.94	18.26	19	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	22.13	22.27	22.20	24	0
20	QPSK	1	49	22.34	22.47	22.45		
20	QPSK	1	99	22.07	22.10	22.05		
20	QPSK	50	0	21.13	21.44	21.36	23	1
20	QPSK	50	24	21.22	21.36	21.36		
20	QPSK	50	50	21.21	21.31	21.19		
20	QPSK	100	0	21.46	21.68	21.57		
20	16QAM	1	0	21.54	21.69	21.67	23	1
20	16QAM	1	49	21.74	22.01	21.87		
20	16QAM	1	99	21.54	21.68	21.61		
20	16QAM	50	0	20.38	20.73	20.63	22	2
20	16QAM	50	24	20.52	20.66	20.62		
20	16QAM	50	50	20.48	20.57	20.47		
20	16QAM	100	0	20.41	20.64	20.55		
20	64QAM	1	0	20.49	20.61	20.98	22	2
20	64QAM	1	49	20.74	20.86	20.79		
20	64QAM	1	99	20.51	20.55	20.47		
20	64QAM	50	0	19.40	19.71	19.60	21	3
20	64QAM	50	24	19.50	19.64	19.61		
20	64QAM	50	50	19.45	19.56	19.49		
20	64QAM	100	0	19.44	19.65	19.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.26	22.22	22.17	24	0
15	QPSK	1	37	22.42	22.44	22.44		
15	QPSK	1	74	22.13	22.00	22.06		
15	QPSK	36	0	21.38	21.37	21.32	23	1
15	QPSK	36	20	21.31	21.28	21.33		
15	QPSK	36	39	21.29	21.28	21.19		
15	QPSK	75	0	21.62	21.55	21.59		
15	16QAM	1	0	21.40	21.27	21.12	23	1
15	16QAM	1	37	21.55	21.44	21.08		
15	16QAM	1	74	21.38	21.06	21.17		
15	16QAM	36	0	20.42	20.41	20.25	22	2
15	16QAM	36	20	20.38	20.24	20.34		
15	16QAM	36	39	20.31	20.05	20.05		
15	16QAM	75	0	20.33	20.11	20.16		
15	64QAM	1	0	20.26	20.01	20.05	22	2
15	64QAM	1	37	20.36	20.07	20.29		
15	64QAM	1	74	20.12	20.15	20.04		
15	64QAM	36	0	19.44	19.32	19.21	21	3
15	64QAM	36	20	19.34	19.25	19.16		
15	64QAM	36	39	19.22	19.01	19.04		
15	64QAM	75	0	19.33	19.17	19.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.17	22.24	24	0
10	QPSK	1	25	22.37	22.42	22.35		
10	QPSK	1	49	22.01	22.11	22.09		
10	QPSK	25	0	21.41	21.35	21.43	23	1
10	QPSK	25	12	21.34	21.34	21.28		
10	QPSK	25	25	21.28	21.30	21.27		
10	QPSK	50	0	21.59	21.55	21.55		
10	16QAM	1	0	21.40	21.27	21.12	23	1
10	16QAM	1	25	21.55	21.44	21.08		
10	16QAM	1	49	21.38	21.06	21.17		
10	16QAM	25	0	20.42	20.41	20.25	22	2
10	16QAM	25	12	20.38	20.24	20.34		
10	16QAM	25	25	20.31	20.05	20.05		
10	16QAM	50	0	20.33	20.11	20.16		
10	64QAM	1	0	20.26	20.02	20.05	22	2
10	64QAM	1	25	20.36	20.07	20.29		
10	64QAM	1	49	20.12	20.15	20.04		
10	64QAM	25	0	19.44	19.32	19.21	21	3
10	64QAM	25	12	19.34	19.25	19.16		
10	64QAM	25	25	19.22	19.01	19.04		
10	64QAM	50	0	19.33	19.17	19.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.18	22.16	22.22	24	0
5	QPSK	1	12	22.46	22.42	22.39		
5	QPSK	1	24	22.06	22.04	22.07		
5	QPSK	12	0	21.35	21.38	21.38	23	1
5	QPSK	12	7	21.27	21.29	21.35		
5	QPSK	12	13	21.24	21.27	21.29		
5	QPSK	25	0	21.66	21.65	21.67		
5	16QAM	1	0	21.40	21.27	21.12	23	1
5	16QAM	1	12	21.55	21.44	21.08		
5	16QAM	1	24	21.38	21.06	21.17		
5	16QAM	12	0	20.42	20.41	20.25	22	2
5	16QAM	12	7	20.38	20.24	20.34		
5	16QAM	12	13	20.31	20.05	20.05		
5	16QAM	25	0	20.33	20.11	20.16		
5	64QAM	1	0	20.26	20.01	20.05	22	2
5	64QAM	1	12	20.36	20.07	20.29		
5	64QAM	1	24	20.12	20.15	20.04		
5	64QAM	12	0	19.44	19.32	19.21	21	3
5	64QAM	12	7	19.34	19.25	19.16		
5	64QAM	12	13	19.22	19.01	19.04		
5	64QAM	25	0	19.33	19.17	19.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.21	22.21	22.16	24	0
3	QPSK	1	8	22.45	22.46	22.36		
3	QPSK	1	14	22.03	22.04	22.02		
3	QPSK	8	0	21.39	21.32	21.40	23	1
3	QPSK	8	4	21.27	21.35	21.34		
3	QPSK	8	7	21.29	21.26	21.24		
3	QPSK	15	0	21.63	21.60	21.59		
3	16QAM	1	0	21.31	21.20	21.12	23	1
3	16QAM	1	8	21.49	21.36	21.01		
3	16QAM	1	14	21.33	21.02	21.12		
3	16QAM	8	0	20.32	20.33	20.14	22	2
3	16QAM	8	4	20.36	20.18	20.22		
3	16QAM	8	7	20.26	20.02	20.02		
3	16QAM	15	0	20.31	20.02	20.08		
3	64QAM	1	0	20.24	20.01	20.03	22	2
3	64QAM	1	8	20.31	20.07	20.26		
3	64QAM	1	14	20.04	20.06	20.00		
3	64QAM	8	0	19.41	19.24	19.08	21	3
3	64QAM	8	4	19.24	19.24	19.08		
3	64QAM	8	7	19.17	19.02	19.02		
3	64QAM	15	0	19.22	19.13	19.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.03	22.04	22.23	24	0
1.4	QPSK	1	3	22.17	22.18	22.25		
1.4	QPSK	1	5	22.03	22.16	22.17		
1.4	QPSK	3	0	22.10	22.26	22.38		
1.4	QPSK	3	1	22.16	22.27	22.26		
1.4	QPSK	3	3	22.12	22.27	22.31		
1.4	QPSK	6	0	21.45	21.58	21.71	23	1
1.4	16QAM	1	0	21.57	21.71	21.80	23	1
1.4	16QAM	1	3	21.68	21.79	21.95		
1.4	16QAM	1	5	21.57	21.69	21.90		
1.4	16QAM	3	0	21.39	21.53	21.65		
1.4	16QAM	3	1	21.48	21.60	21.75		
1.4	16QAM	3	3	21.40	21.57	21.65		
1.4	16QAM	6	0	20.52	20.63	20.74	22	2
1.4	64QAM	1	0	20.58	20.63	20.74	22	2
1.4	64QAM	1	3	20.56	20.73	20.86		
1.4	64QAM	1	5	20.48	20.63	20.72		
1.4	64QAM	3	0	20.53	20.67	20.81		
1.4	64QAM	3	1	20.56	20.68	20.83		
1.4	64QAM	3	3	20.50	20.68	20.79		
1.4	64QAM	6	0	19.42	19.57	19.66	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.35	22.47	22.35	24	0
10	QPSK	1	25	22.44	22.55	22.27		
10	QPSK	1	49	22.46	22.36	22.25		
10	QPSK	25	0	21.23	21.34	21.27	23	1
10	QPSK	25	12	21.27	21.26	21.26		
10	QPSK	25	25	21.31	21.26	21.27		
10	QPSK	50	0	21.26	21.30	21.26		
10	16QAM	1	0	21.46	21.49	21.40	23	1
10	16QAM	1	25	21.55	21.70	21.66		
10	16QAM	1	49	21.49	21.55	21.42		
10	16QAM	25	0	20.23	20.30	20.26	22	2
10	16QAM	25	12	20.26	20.28	20.27		
10	16QAM	25	25	20.34	20.27	20.27		
10	16QAM	50	0	20.27	20.33	20.26		
10	64QAM	1	0	20.35	20.41	20.36	22	2
10	64QAM	1	25	20.65	20.47	20.43		
10	64QAM	1	49	20.37	20.35	20.32		
10	64QAM	25	0	19.22	19.34	19.29	21	3
10	64QAM	25	12	19.28	19.27	19.27		
10	64QAM	25	25	19.33	19.29	19.27		
10	64QAM	50	0	19.30	19.34	19.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.05	22.09	22.08	24	0
5	QPSK	1	12	22.25	22.21	22.25		
5	QPSK	1	24	22.09	22.07	22.02		
5	QPSK	12	0	21.23	21.30	21.17	23	1
5	QPSK	12	7	21.27	21.16	21.15		
5	QPSK	12	13	21.24	21.25	21.18		
5	QPSK	25	0	21.25	21.29	21.22		
5	16QAM	1	0	21.44	21.48	21.37	23	1
5	16QAM	1	12	21.53	21.67	21.55		
5	16QAM	1	24	21.49	21.45	21.42		
5	16QAM	12	0	20.15	20.29	20.18	22	2
5	16QAM	12	7	20.20	20.23	20.18		
5	16QAM	12	13	20.23	20.25	20.21		
5	16QAM	25	0	20.23	20.22	20.26		
5	64QAM	1	0	20.27	20.38	20.34	22	2
5	64QAM	1	12	20.55	20.44	20.42		
5	64QAM	1	24	20.28	20.33	20.23		
5	64QAM	12	0	19.19	19.25	19.27	21	3
5	64QAM	12	7	19.23	19.21	19.26		
5	64QAM	12	13	19.30	19.28	19.20		
5	64QAM	25	0	19.27	19.31	19.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.17	22.16	22.09	24	0
3	QPSK	1	8	22.22	22.20	22.11		
3	QPSK	1	14	22.18	22.18	22.09		
3	QPSK	8	0	21.21	21.22	21.22	23	1
3	QPSK	8	4	21.28	21.28	21.24		
3	QPSK	8	7	21.25	21.21	21.19		
3	QPSK	15	0	21.24	21.23	21.22		
3	16QAM	1	0	21.43	21.45	21.40	23	1
3	16QAM	1	8	21.46	21.47	21.42		
3	16QAM	1	14	21.43	21.43	21.40		
3	16QAM	8	0	20.24	20.25	20.28	22	2
3	16QAM	8	4	20.32	20.32	20.30		
3	16QAM	8	7	20.30	20.31	20.25		
3	16QAM	15	0	20.23	20.25	20.22		
3	64QAM	1	0	20.40	20.35	20.31	22	2
3	64QAM	1	8	20.52	20.38	20.51		
3	64QAM	1	14	20.39	20.37	20.40		
3	64QAM	8	0	19.29	19.26	19.25	21	3
3	64QAM	8	4	19.33	19.34	19.30		
3	64QAM	8	7	19.31	19.29	19.26		
3	64QAM	15	0	19.24	19.24	19.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.11	22.10	22.03	24	0
1.4	QPSK	1	3	22.11	22.23	22.16		
1.4	QPSK	1	5	22.02	22.09	22.08		
1.4	QPSK	3	0	22.22	22.21	22.14		
1.4	QPSK	3	1	22.25	22.26	22.19		
1.4	QPSK	3	3	22.22	22.21	22.16		
1.4	QPSK	6	0	21.23	21.21	21.21	23	1
1.4	16QAM	1	0	21.35	21.39	21.34	23	1
1.4	16QAM	1	3	21.46	21.52	21.46		
1.4	16QAM	1	5	21.38	21.37	21.37		
1.4	16QAM	3	0	21.17	21.18	21.19		
1.4	16QAM	3	1	21.22	21.23	21.19		
1.4	16QAM	3	3	21.17	21.18	21.15		
1.4	16QAM	6	0	20.28	20.29	20.29	22	2
1.4	64QAM	1	0	20.27	20.25	20.28	22	2
1.4	64QAM	1	3	20.35	20.44	20.36		
1.4	64QAM	1	5	20.47	20.28	20.33		
1.4	64QAM	3	0	20.33	20.30	20.29		
1.4	64QAM	3	1	20.34	20.34	20.37		
1.4	64QAM	3	3	20.32	20.30	20.28		
1.4	64QAM	6	0	19.24	19.27	19.21	21	3

Band 5_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.76	21.61	21.60	23	0
10	QPSK	1	25	21.90	21.92	21.76		
10	QPSK	1	49	21.70	21.54	21.51		
10	QPSK	25	0	20.60	20.77	20.68	22	1
10	QPSK	25	12	20.73	20.66	20.59		
10	QPSK	25	25	20.67	20.74	20.68		
10	QPSK	50	0	20.65	20.84	20.79		
10	16QAM	1	0	20.67	20.78	20.78	22	1
10	16QAM	1	25	21.17	20.79	20.99		
10	16QAM	1	49	20.99	20.74	20.99		
10	16QAM	25	0	19.60	19.81	19.67	21	2
10	16QAM	25	12	19.69	19.62	19.68		
10	16QAM	25	25	19.71	19.66	19.67		
10	16QAM	50	0	19.70	19.69	19.66		
10	64QAM	1	0	19.99	19.71	19.89	21	2
10	64QAM	1	25	20.18	19.94	19.97		
10	64QAM	1	49	19.94	19.78	19.95		
10	64QAM	25	0	18.77	18.70	18.74	20	3
10	64QAM	25	12	18.74	18.77	18.64		
10	64QAM	25	25	18.70	18.73	18.65		
10	64QAM	50	0	18.72	18.69	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.54	21.51	21.41	23	0
5	QPSK	1	12	21.67	21.87	21.54		
5	QPSK	1	24	21.64	21.38	21.33		
5	QPSK	12	0	20.50	20.71	20.65	22	1
5	QPSK	12	7	20.61	20.55	20.55		
5	QPSK	12	13	20.78	20.70	20.57		
5	QPSK	25	0	20.53	20.71	20.82		
5	16QAM	1	0	20.64	20.67	20.77	22	1
5	16QAM	1	12	21.07	20.67	20.92		
5	16QAM	1	24	20.92	20.68	20.89		
5	16QAM	12	0	19.46	19.70	19.67	21	2
5	16QAM	12	7	19.60	19.50	19.62		
5	16QAM	12	13	19.59	19.56	19.57		
5	16QAM	25	0	19.67	19.65	19.65		
5	64QAM	1	0	19.87	19.61	19.88	21	2
5	64QAM	1	12	20.13	19.81	19.83		
5	64QAM	1	24	19.88	19.75	19.91		
5	64QAM	12	0	18.64	18.62	18.60	20	3
5	64QAM	12	7	18.74	18.71	18.52		
5	64QAM	12	13	18.61	18.66	18.65		
5	64QAM	25	0	18.70	18.69	18.54		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.56	21.47	21.45	23	0
3	QPSK	1	8	21.76	21.87	21.62		
3	QPSK	1	14	21.60	21.43	21.45		
3	QPSK	8	0	20.47	20.78	20.63	22	1
3	QPSK	8	4	20.74	20.63	20.55		
3	QPSK	8	7	20.65	20.68	20.64		
3	QPSK	15	0	20.56	20.78	20.70		
3	16QAM	1	0	20.62	20.64	20.72	22	1
3	16QAM	1	8	21.08	20.69	20.91		
3	16QAM	1	14	20.91	20.67	20.87		
3	16QAM	8	0	19.55	19.68	19.63	21	2
3	16QAM	8	4	19.69	19.60	19.70		
3	16QAM	8	7	19.59	19.60	19.58		
3	16QAM	15	0	19.66	19.56	19.53		
3	64QAM	1	0	19.91	19.64	19.92	21	2
3	64QAM	1	8	20.12	19.85	19.86		
3	64QAM	1	14	19.82	19.77	19.91		
3	64QAM	8	0	18.67	18.59	18.72	20	3
3	64QAM	8	4	18.71	18.66	18.60		
3	64QAM	8	7	18.60	18.68	18.53		
3	64QAM	15	0	18.63	18.67	18.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.47	21.48	21.51	23	0
1.4	QPSK	1	3	21.64	21.64	21.62		
1.4	QPSK	1	5	21.62	21.47	21.34		
1.4	QPSK	3	0	21.49	21.65	21.58		
1.4	QPSK	3	1	21.73	21.57	21.72		
1.4	QPSK	3	3	21.64	21.54	21.53		
1.4	QPSK	6	0	20.78	20.56	20.56	22	1
1.4	16QAM	1	0	20.72	20.63	21.00	22	1
1.4	16QAM	1	3	21.11	20.62	20.86		
1.4	16QAM	1	5	20.43	20.42	20.63		
1.4	16QAM	3	0	20.56	20.66	20.58		
1.4	16QAM	3	1	20.76	20.50	20.48		
1.4	16QAM	3	3	20.69	20.61	20.63		
1.4	16QAM	6	0	19.86	19.72	19.68	21	2
1.4	64QAM	1	0	19.61	19.56	19.66	21	2
1.4	64QAM	1	3	19.50	19.77	19.82		
1.4	64QAM	1	5	19.61	19.81	19.58		
1.4	64QAM	3	0	19.80	19.85	19.80		
1.4	64QAM	3	1	19.98	19.76	19.80		
1.4	64QAM	3	3	19.82	19.76	19.79		
1.4	64QAM	6	0	18.65	18.66	18.47	20	3

Band 12_Ant1

BW [MHz]	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	22.46	22.45	22.40	24	0
10	QPSK	1	25	22.49	22.60	22.39		
10	QPSK	1	49	22.48	22.45	22.38		
10	QPSK	25	0	21.46	21.53	21.48	23	1
10	QPSK	25	12	21.50	21.50	21.52		
10	QPSK	25	25	21.50	21.48	21.49		
10	QPSK	50	0	21.51	21.55	21.52		
10	16QAM	1	0	21.75	21.95	21.91	23	1
10	16QAM	1	25	21.98	22.08	22.03		
10	16QAM	1	49	21.91	21.88	21.88		
10	16QAM	25	0	20.63	20.70	20.72	22	2
10	16QAM	25	12	20.73	20.69	20.70		
10	16QAM	25	25	20.72	20.67	20.70		
10	16QAM	50	0	20.67	20.71	20.69		
10	64QAM	1	0	20.87	20.74	20.71	22	2
10	64QAM	1	25	20.91	20.89	20.91		
10	64QAM	1	49	20.78	20.80	20.79		
10	64QAM	25	0	19.61	19.70	19.69	21	3
10	64QAM	25	12	19.69	19.68	19.70		
10	64QAM	25	25	19.73	19.67	19.64		
10	64QAM	50	0	19.66	19.68	19.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.28	22.34	22.31	24	0
5	QPSK	1	12	22.34	22.38	22.46		
5	QPSK	1	24	22.36	22.37	22.37		
5	QPSK	12	0	21.44	21.49	21.46	23	1
5	QPSK	12	7	21.53	21.5	21.52		
5	QPSK	12	13	21.51	21.46	21.44		
5	QPSK	25	0	21.46	21.46	21.43		
5	16QAM	1	0	21.9	21.83	21.81	23	1
5	16QAM	1	12	22.08	22	22.04		
5	16QAM	1	24	21.87	21.94	21.71		
5	16QAM	12	0	20.56	20.66	20.63	22	2
5	16QAM	12	7	20.73	20.66	20.68		
5	16QAM	12	13	20.67	20.65	20.58		
5	16QAM	25	0	20.64	20.64	20.67		
5	64QAM	1	0	20.65	20.69	20.73	22	2
5	64QAM	1	12	20.94	20.91	20.93		
5	64QAM	1	24	20.74	20.79	20.72		
5	64QAM	12	0	19.57	19.67	19.63	21	3
5	64QAM	12	7	19.78	19.74	19.7		
5	64QAM	12	13	19.7	19.69	19.62		
5	64QAM	25	0	19.63	19.68	19.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.44	22.42	24	0
3	QPSK	1	8	22.43	22.41	22.4		
3	QPSK	1	14	22.51	22.48	22.47		
3	QPSK	8	0	21.43	21.48	21.47	23	1
3	QPSK	8	4	21.48	21.5	21.54		
3	QPSK	8	7	21.55	21.48	21.43		
3	QPSK	15	0	21.47	21.45	21.46		
3	16QAM	1	0	21.81	21.84	21.86	23	1
3	16QAM	1	8	21.9	21.84	21.84		
3	16QAM	1	14	21.94	21.92	21.9		
3	16QAM	8	0	20.64	20.69	20.7	22	2
3	16QAM	8	4	20.76	20.75	20.76		
3	16QAM	8	7	20.71	20.68	20.65		
3	16QAM	15	0	20.6	20.63	20.66		
3	64QAM	1	0	20.85	20.78	20.78	22	2
3	64QAM	1	8	20.82	20.81	20.77		
3	64QAM	1	14	20.81	20.92	20.88		
3	64QAM	8	0	19.67	19.7	19.7	21	3
3	64QAM	8	4	19.74	19.7	19.73		
3	64QAM	8	7	19.72	19.68	19.66		
3	64QAM	15	0	19.65	19.64	19.63		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.19	22.28	22.34	24	0
1.4	QPSK	1	3	22.38	22.48	22.5		
1.4	QPSK	1	5	22.34	22.39	22.39		
1.4	QPSK	3	0	22.41	22.45	22.45		
1.4	QPSK	3	1	22.46	22.49	22.49		
1.4	QPSK	3	3	22.44	22.46	22.47		
1.4	QPSK	6	0	21.64	21.61	21.62	23	1
1.4	16QAM	1	0	21.72	21.8	21.78	23	1
1.4	16QAM	1	3	21.93	21.89	21.92		
1.4	16QAM	1	5	21.76	21.81	21.8		
1.4	16QAM	3	0	21.6	21.59	21.55		
1.4	16QAM	3	1	21.63	21.7	21.63		
1.4	16QAM	3	3	21.58	21.59	21.6		
1.4	16QAM	6	0	20.71	20.73	20.71	22	2
1.4	64QAM	1	0	20.85	20.7	20.69	22	2
1.4	64QAM	1	3	20.83	20.86	20.79		
1.4	64QAM	1	5	20.69	20.8	20.71		
1.4	64QAM	3	0	20.71	20.7	20.75		
1.4	64QAM	3	1	20.81	20.77	20.77		
1.4	64QAM	3	3	20.73	20.75	20.76		
1.4	64QAM	6	0	19.65	19.6	19.65	21	3

Band 12_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.71	21.73	21.74	23	0
10	QPSK	1	25	21.77	21.98	21.76		
10	QPSK	1	49	21.71	21.76	21.75		
10	QPSK	25	0	20.78	20.97	20.91	22	1
10	QPSK	25	12	20.96	20.84	20.88		
10	QPSK	25	25	20.96	20.86	20.83		
10	QPSK	50	0	20.87	20.95	20.93		
10	16QAM	1	0	20.99	21.06	21.08	22	1
10	16QAM	1	25	20.88	20.98	20.92		
10	16QAM	1	49	21.09	20.73	21.11		
10	16QAM	25	0	20.01	20.02	20.07	21	2
10	16QAM	25	12	20.02	20.02	20.04		
10	16QAM	25	25	20.02	20.03	20.01		
10	16QAM	50	0	20.00	20.02	20.01		
10	64QAM	1	0	20.18	20.17	20.00	21	2
10	64QAM	1	25	20.49	20.29	20.30		
10	64QAM	1	49	20.06	20.38	20.31		
10	64QAM	25	0	19.01	19.02	19.00	20	3
10	64QAM	25	12	19.05	19.01	19.07		
10	64QAM	25	25	19.02	19.02	19.08		
10	64QAM	50	0	19.05	19.06	19.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.71	21.72	21.73	23	0
5	QPSK	1	12	21.76	21.82	21.73		
5	QPSK	1	24	21.75	21.71	21.71		
5	QPSK	12	0	20.76	20.96	20.87	22	1
5	QPSK	12	7	20.92	20.83	20.84		
5	QPSK	12	13	20.91	20.85	20.81		
5	QPSK	25	0	20.83	20.94	20.91		
5	16QAM	1	0	20.94	21.02	21.07	22	1
5	16QAM	1	12	20.86	20.96	20.90		
5	16QAM	1	24	21.07	20.71	21.09		
5	16QAM	12	0	20.09	20.12	20.05	21	2
5	16QAM	12	7	20.08	20.09	20.02		
5	16QAM	12	13	20.00	20.09	20.07		
5	16QAM	25	0	20.05	20.07	20.08		
5	64QAM	1	0	20.13	20.14	20.07	21	2
5	64QAM	1	12	20.46	20.26	20.28		
5	64QAM	1	24	20.04	20.35	20.30		
5	64QAM	12	0	19.09	19.08	19.05	20	3
5	64QAM	12	7	19.00	19.08	19.06		
5	64QAM	12	13	19.08	19.07	19.06		
5	64QAM	25	0	19.02	19.05	19.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.71	21.70	23	0
3	QPSK	1	8	21.73	21.78	21.75		
3	QPSK	1	14	21.70	21.75	21.72		
3	QPSK	8	0	20.77	20.92	20.87	22	1
3	QPSK	8	4	20.93	20.79	20.86		
3	QPSK	8	7	20.95	20.83	20.81		
3	QPSK	15	0	20.82	20.91	20.92		
3	16QAM	1	0	20.96	21.03	21.07	22	1
3	16QAM	1	8	20.87	20.93	20.90		
3	16QAM	1	14	21.07	20.71	21.06		
3	16QAM	8	0	20.00	20.01	20.05	21	2
3	16QAM	8	4	20.06	20.00	20.01		
3	16QAM	8	7	20.01	20.03	20.05		
3	16QAM	15	0	20.02	20.01	20.02		
3	64QAM	1	0	20.05	20.13	20.00	21	2
3	64QAM	1	8	20.47	20.28	20.29		
3	64QAM	1	14	20.01	20.36	20.26		
3	64QAM	8	0	19.00	19.03	19.01	20	3
3	64QAM	8	4	19.04	19.00	19.05		
3	64QAM	8	7	19.00	19.00	19.07		
3	64QAM	15	0	19.04	19.03	19.00		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.80	21.86	21.81	23	0
1.4	QPSK	1	3	21.92	21.75	21.95		
1.4	QPSK	1	5	21.92	21.84	21.92		
1.4	QPSK	3	0	21.82	21.92	21.97		
1.4	QPSK	3	1	21.89	21.86	21.71		
1.4	QPSK	3	3	21.94	21.71	21.72		
1.4	QPSK	6	0	21.37	21.40	21.23	22	1
1.4	16QAM	1	0	21.38	21.09	21.13	22	1
1.4	16QAM	1	3	21.14	21.47	21.26		
1.4	16QAM	1	5	21.25	21.33	21.29		
1.4	16QAM	3	0	21.03	21.04	21.09		
1.4	16QAM	3	1	21.36	21.16	21.27		
1.4	16QAM	3	3	21.28	21.11	21.31		
1.4	16QAM	6	0	20.24	20.51	20.33	21	2
1.4	64QAM	1	0	20.46	20.53	20.23	21	2
1.4	64QAM	1	3	20.10	20.19	20.38		
1.4	64QAM	1	5	20.08	20.05	20.23		
1.4	64QAM	3	0	20.03	20.01	20.17		
1.4	64QAM	3	1	20.09	20.25	20.33		
1.4	64QAM	3	3	20.30	20.22	20.06		
1.4	64QAM	6	0	19.01	19.02	19.00	20	3

Band 13_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.5		24	0
10	QPSK	1	25		22.54			
10	QPSK	1	49		22.44			
10	QPSK	25	0		21.33		23	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.29			
10	QPSK	50	0		21.31			
10	16QAM	1	0		21.37		23	1
10	16QAM	1	25		21.7			
10	16QAM	1	49		21.45			
10	16QAM	25	0		20.28		22	2
10	16QAM	25	12		20.34			
10	16QAM	25	25		20.29			
10	16QAM	50	0		20.28			
10	64QAM	1	0		20.34		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.4			
10	64QAM	25	0		19.27		21	3
10	64QAM	25	12		19.31			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.14	22.14	22.12	24	0
5	QPSK	1	12	22.39	22.31	22.35		
5	QPSK	1	24	22.13	22.11	22.17		
5	QPSK	12	0	21.23	21.3	21.3	23	1
5	QPSK	12	7	21.32	21.3	21.3		
5	QPSK	12	13	21.26	21.23	21.26		
5	QPSK	25	0	21.26	21.3	21.26		
5	16QAM	1	0	21.37	21.42	21.37	23	1
5	16QAM	1	12	21.55	21.53	21.59		
5	16QAM	1	24	21.35	21.32	21.33		
5	16QAM	12	0	20.19	20.27	20.25	22	2
5	16QAM	12	7	20.27	20.27	20.22		
5	16QAM	12	13	20.26	20.22	20.21		
5	16QAM	25	0	20.19	20.27	20.26		
5	64QAM	1	0	20.28	20.29	20.26	22	2
5	64QAM	1	12	20.52	20.57	20.51		
5	64QAM	1	24	20.3	20.23	20.27		
5	64QAM	12	0	19.26	19.28	19.31	21	3
5	64QAM	12	7	19.34	19.32	19.31		
5	64QAM	12	13	19.3	19.25	19.25		
5	64QAM	25	0	19.3	19.29	19.31		

Band 14_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		22.41		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.36		23	1
10	QPSK	25	12		21.31			
10	QPSK	25	25		21.26			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.21		23	1
10	16QAM	1	25		21.63			
10	16QAM	1	49		21.71			
10	16QAM	25	0		20.39		22	2
10	16QAM	25	12		20.31			
10	16QAM	25	25		20.35			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.48		22	2
10	64QAM	1	25		20.61			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.31		21	3
10	64QAM	25	12		19.43			
10	64QAM	25	25		19.35			
10	64QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.17	22.12	22.15	24	0
5	QPSK	1	12	22.39	22.45	22.31		
5	QPSK	1	24	22.2	22.2	22.26		
5	QPSK	12	0	21.38	21.3	21.35	23	1
5	QPSK	12	7	21.4	21.38	21.51		
5	QPSK	12	13	21.31	21.35	21.28		
5	QPSK	25	0	21.32	21.39	21.38		
5	16QAM	1	0	21.69	21.7	21.44	23	1
5	16QAM	1	12	21.8	21.94	21.93		
5	16QAM	1	24	21.6	21.66	21.45		
5	16QAM	12	0	20.35	20.22	20.32	22	2
5	16QAM	12	7	20.36	20.35	20.34		
5	16QAM	12	13	20.41	20.37	20.27		
5	16QAM	25	0	20.41	20.27	20.3		
5	64QAM	1	0	20.27	20.32	20.27	22	2
5	64QAM	1	12	20.62	20.5	20.19		
5	64QAM	1	24	20.37	20.28	20.28		
5	64QAM	12	0	19.4	19.47	19.5	21	3
5	64QAM	12	7	19.4	19.51	19.47		
5	64QAM	12	13	19.45	19.52	19.23		
5	64QAM	25	0	19.3	19.33	19.29		

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.33			
10	QPSK	25	0		21.4		23	1
10	QPSK	25	12		21.38			
10	QPSK	25	25		21.37			
10	QPSK	50	0		21.39			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.62			
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.77			
10	16QAM	25	25		20.75			
10	16QAM	50	0		20.77			
10	64QAM	1	0		20.85		22	2
10	64QAM	1	25		20.95			
10	64QAM	1	49		21.04			
10	64QAM	25	0		19.76		21	3
10	64QAM	25	12		19.79			
10	64QAM	25	25		19.75			
10	64QAM	50	0		19.75			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.25	22.2	22.21	24	0
5	QPSK	1	12	22.38	22.33	22.35		
5	QPSK	1	24	22.18	22.2	22.19		
5	QPSK	12	0	21.37	21.35	21.35	23	1
5	QPSK	12	7	21.41	21.42	21.38		
5	QPSK	12	13	21.34	21.33	21.34		
5	QPSK	25	0	21.36	21.37	21.35		
5	16QAM	1	0	21.81	21.84	21.79	23	1
5	16QAM	1	12	22.05	22.1	22.03		
5	16QAM	1	24	21.76	21.78	21.75		
5	16QAM	12	0	20.76	20.73	20.75	22	2
5	16QAM	12	7	20.78	20.76	20.75		
5	16QAM	12	13	20.73	20.72	20.71		
5	16QAM	25	0	20.77	20.76	20.76		
5	64QAM	1	0	20.8	21.06	21.13	22	2
5	64QAM	1	12	21.04	21.03	20.98		
5	64QAM	1	24	20.77	20.73	20.73		
5	64QAM	12	0	19.77	19.76	19.79	21	3
5	64QAM	12	7	19.84	19.83	19.82		
5	64QAM	12	13	19.77	19.77	19.74		
5	64QAM	25	0	19.75	19.75	19.77		

Band 30_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.87		22	0
10	QPSK	1	25		20.92			
10	QPSK	1	49		20.75			
10	QPSK	25	0		19.84		21	1
10	QPSK	25	12		19.80			
10	QPSK	25	25		19.83			
10	QPSK	50	0		19.80			
10	16QAM	1	0		19.74		21	1
10	16QAM	1	25		19.80			
10	16QAM	1	49		19.71			
10	16QAM	25	0		18.79		20	2
10	16QAM	25	12		18.70			
10	16QAM	25	25		18.80			
10	16QAM	50	0		18.90			
10	64QAM	1	0		18.94		20	2
10	64QAM	1	25		18.63			
10	64QAM	1	49		18.69			
10	64QAM	25	0		17.69		19	3
10	64QAM	25	12		17.82			
10	64QAM	25	25		17.63			
10	64QAM	50	0		17.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.73	20.65	20.57	22	0
5	QPSK	1	12	20.85	20.80	20.82		
5	QPSK	1	24	20.55	20.49	20.55		
5	QPSK	12	0	19.83	19.74	19.80	21	1
5	QPSK	12	7	19.85	19.77	19.74		
5	QPSK	12	13	19.69	19.72	19.72		
5	QPSK	25	0	19.67	19.73	19.73		
5	16QAM	1	0	19.83	19.81	19.71	21	1
5	16QAM	1	12	19.93	19.70	19.81		
5	16QAM	1	24	19.66	19.93	19.93		
5	16QAM	12	0	18.70	18.78	18.80	20	2
5	16QAM	12	7	18.75	18.80	18.83		
5	16QAM	12	13	18.66	18.72	18.75		
5	16QAM	25	0	18.71	18.82	18.79		
5	64QAM	1	0	18.82	18.70	18.90	20	2
5	64QAM	1	12	18.84	18.86	18.91		
5	64QAM	1	24	18.92	18.97	18.69		
5	64QAM	12	0	17.86	17.74	17.75	19	3
5	64QAM	12	7	17.92	17.80	17.76		
5	64QAM	12	13	17.84	17.75	17.82		
5	64QAM	25	0	17.74	17.67	17.72		

Band 66_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.31	22.28	22.22	24	0
20	QPSK	1	49	22.37	22.47	22.33		
20	QPSK	1	99	22.13	22.09	22.21		
20	QPSK	50	0	21.25	21.61	21.56	23	1
20	QPSK	50	24	21.32	21.57	21.51		
20	QPSK	50	50	21.31	21.46	21.42		
20	QPSK	100	0	21.24	21.5	21.46		
20	16QAM	1	0	21.69	21.98	21.82	23	1
20	16QAM	1	49	21.85	22.1	22.14		
20	16QAM	1	99	21.71	22.02	21.81		
20	16QAM	50	0	20.54	20.94	20.86	22	2
20	16QAM	50	24	20.62	20.83	20.78		
20	16QAM	50	50	20.56	20.72	20.7		
20	16QAM	100	0	20.49	20.78	20.78		
20	64QAM	1	0	20.66	20.83	20.78	22	2
20	64QAM	1	49	21.02	21.02	20.98		
20	64QAM	1	99	20.59	20.73	20.6		
20	64QAM	50	0	19.51	19.93	19.82	21	3
20	64QAM	50	24	19.6	19.84	19.75		
20	64QAM	50	50	19.57	19.68	19.67		
20	64QAM	100	0	19.51	19.8	19.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.32	22.31	22.2	24	0
15	QPSK	1	37	22.39	22.34	22.33		
15	QPSK	1	74	22.16	22.08	22.14		
15	QPSK	36	0	21.24	21.61	21.55	23	1
15	QPSK	36	20	21.34	21.54	21.5		
15	QPSK	36	39	21.31	21.45	21.44		
15	QPSK	75	0	21.23	21.5	21.5		
15	16QAM	1	0	21.73	21.97	21.83	23	1
15	16QAM	1	37	21.84	22.11	22.16		
15	16QAM	1	74	21.7	22	21.78		
15	16QAM	36	0	20.52	20.94	20.84	22	2
15	16QAM	36	20	20.58	20.85	20.75		
15	16QAM	36	39	20.55	20.69	20.7		
15	16QAM	75	0	20.52	20.8	20.77		
15	64QAM	1	0	20.62	20.84	20.82	22	2
15	64QAM	1	37	21	21.01	21		
15	64QAM	1	74	20.63	20.76	20.62		
15	64QAM	36	0	19.5	19.89	19.83	21	3
15	64QAM	36	20	19.57	19.86	19.76		
15	64QAM	36	39	19.56	19.7	19.64		
15	64QAM	75	0	19.49	19.78	19.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.3	22.3	22.2	24	0
10	QPSK	1	25	22.37	22.24	22.35		
10	QPSK	1	49	22.16	22.1	22.13		
10	QPSK	25	0	21.27	21.63	21.56	23	1
10	QPSK	25	12	21.32	21.57	21.48		
10	QPSK	25	25	21.27	21.46	21.42		
10	QPSK	50	0	21.22	21.5	21.48		
10	16QAM	1	0	21.7	21.98	21.85	23	1
10	16QAM	1	25	21.84	22.12	22.16		
10	16QAM	1	49	21.7	22.03	21.78		
10	16QAM	25	0	20.54	20.94	20.86	22	2
10	16QAM	25	12	20.61	20.86	20.78		
10	16QAM	25	25	20.55	20.69	20.66		
10	16QAM	50	0	20.49	20.77	20.75		
10	64QAM	1	0	20.62	20.85	20.82	22	2
10	64QAM	1	25	20.99	21.03	21.01		
10	64QAM	1	49	20.63	20.77	20.6		
10	64QAM	25	0	19.53	19.91	19.82	21	3
10	64QAM	25	12	19.61	19.85	19.75		
10	64QAM	25	25	19.57	19.69	19.65		
10	64QAM	50	0	19.52	19.8	19.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.31	22.29	22.22	24	0
5	QPSK	1	12	22.39	22.35	22.34		
5	QPSK	1	24	22.14	22.1	22.08		
5	QPSK	12	0	21.25	21.61	21.57	23	1
5	QPSK	12	7	21.35	21.54	21.52		
5	QPSK	12	13	21.3	21.46	21.42		
5	QPSK	25	0	21.25	21.5	21.5		
5	16QAM	1	0	21.41	21.69	21.56	23	1
5	16QAM	1	12	21.85	22.11	22.14		
5	16QAM	1	24	21.71	22.01	21.77		
5	16QAM	12	0	20.55	20.92	20.86	22	2
5	16QAM	12	7	20.59	20.85	20.78		
5	16QAM	12	13	20.55	20.69	20.66		
5	16QAM	25	0	20.49	20.8	20.76		
5	64QAM	1	0	20.63	20.82	20.8	22	2
5	64QAM	1	12	20.99	21.01	21		
5	64QAM	1	24	20.59	20.74	20.62		
5	64QAM	12	0	19.52	19.93	19.79	21	3
5	64QAM	12	7	19.58	19.85	19.74		
5	64QAM	12	13	19.58	19.7	19.68		
5	64QAM	25	0	19.49	19.82	19.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.32	22.28	22.19	24	0
3	QPSK	1	8	22.38	22.34	22.36		
3	QPSK	1	14	22.14	22.06	22.11		
3	QPSK	8	0	21.27	21.64	21.53	23	1
3	QPSK	8	4	21.35	21.58	21.52		
3	QPSK	8	7	21.29	21.43	21.44		
3	QPSK	15	0	21.24	21.5	21.49		
3	16QAM	1	0	21.7	21.95	21.83	23	1
3	16QAM	1	8	21.82	22.11	22.17		
3	16QAM	1	14	21.71	22.01	21.81		
3	16QAM	8	0	20.52	20.94	20.87	22	2
3	16QAM	8	4	20.62	20.84	20.74		
3	16QAM	8	7	20.54	20.68	20.67		
3	16QAM	15	0	20.49	20.81	20.76		
3	64QAM	1	0	20.63	20.83	20.78	22	2
3	64QAM	1	8	21.01	20.99	20.99		
3	64QAM	1	14	20.62	20.75	20.63		
3	64QAM	8	0	19.52	19.93	19.83	21	3
3	64QAM	8	4	19.58	19.85	19.73		
3	64QAM	8	7	19.56	19.7	19.66		
3	64QAM	15	0	19.51	19.82	19.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.32	22.32	22.18	24	0
1.4	QPSK	1	3	22.37	22.33	22.33		
1.4	QPSK	1	5	22.16	22.06	22.22		
1.4	QPSK	3	0	22.33	22.36	22.21		
1.4	QPSK	3	1	22.38	22.34	22.35		
1.4	QPSK	3	3	22.21	22.09	22.15		
1.4	QPSK	6	0	21.51	21.79	21.79	23	1
1.4	16QAM	1	0	21.7	21.97	21.82	23	1
1.4	16QAM	1	3	21.84	22.11	22.16		
1.4	16QAM	1	5	21.7	22.02	21.79		
1.4	16QAM	3	0	21.72	21.98	21.83		
1.4	16QAM	3	1	21.89	22.13	22.18		
1.4	16QAM	3	3	21.72	22.06	21.82		
1.4	16QAM	6	0	20.53	20.78	20.78	22	2
1.4	64QAM	1	0	20.65	20.85	20.78	22	2
1.4	64QAM	1	3	20.99	21.03	21		
1.4	64QAM	1	5	20.61	20.76	20.64		
1.4	64QAM	3	0	20.67	20.9	20.79		
1.4	64QAM	3	1	21.02	21.07	21.02		
1.4	64QAM	3	3	20.63	20.77	20.68		
1.4	64QAM	6	0	19.53	19.8	19.76	21	3

Reduced Power Mode for receiver on

<GSM Power_State1>

GSM850_Ant1	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.18	32.14	32.17	33.50	23.18	23.14	23.17	24.50
GPRS 1 Tx slot	32.17	32.11	32.16	33.50	23.17	23.11	23.16	24.50
GPRS 2 Tx slots	31.71	31.62	31.68	33.00	25.71	25.62	25.68	27.00
GPRS 3 Tx slots	30.31	30.14	30.18	31.50	26.05	25.88	25.92	27.24
GPRS 4 Tx slots	28.88	28.79	28.81	30.50	25.88	25.79	25.81	27.50
EDGE 1 Tx slot	26.89	26.84	26.96	28.00	17.89	17.84	17.96	19.00
EDGE 2 Tx slots	26.17	25.83	25.85	27.00	20.17	19.83	19.85	21.00
EDGE 3 Tx slots	24.12	23.80	23.78	24.50	19.86	19.54	19.52	20.24
EDGE 4 Tx slots	22.87	22.63	22.62	23.50	19.87	19.63	19.62	20.50

GSM850_Ant2	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	28.16	28.10	28.16	30.00	19.16	19.10	19.16	21.00
GPRS 1 Tx slot	28.14	28.06	28.05	30.00	19.14	19.06	19.05	21.00
GPRS 2 Tx slots	28.70	28.59	28.50	29.00	22.70	22.59	22.50	23.00
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74
GPRS 4 Tx slots	25.86	25.72	25.59	26.00	22.86	22.72	22.59	23.00
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.55	17.74
EDGE 4 Tx slots	19.96	19.74	19.72	20.00	16.96	16.74	16.72	17.00

GSM1900_Ant1	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.41	29.38	29.44	30.50	20.41	20.38	20.44	21.50
GPRS 1 Tx slot	29.43	29.41	29.43	30.50	20.43	20.41	20.43	21.50
GPRS 2 Tx slots	28.91	28.93	28.97	30.00	22.91	22.93	22.97	24.00
GPRS 3 Tx slots	27.46	27.47	27.56	28.50	23.20	23.21	23.30	24.24
GPRS 4 Tx slots	26.38	26.39	26.40	27.50	23.38	23.39	23.40	24.50
EDGE 1 Tx slot	26.14	26.12	26.13	27.50	17.14	17.12	17.13	18.50
EDGE 2 Tx slots	25.40	25.30	25.30	26.50	19.40	19.30	19.30	20.50
EDGE 3 Tx slots	23.51	23.50	23.42	24.50	19.25	19.24	19.16	20.24
EDGE 4 Tx slots	22.41	22.40	22.45	23.50	19.41	19.40	19.45	20.50

GSM1900_Ant2	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	23.59	23.61	23.54	25.50	14.59	14.61	14.54	16.50
GPRS 1 Tx slot	23.58	23.59	23.51	25.50	14.58	14.59	14.51	16.50
GPRS 2 Tx slots	24.20	24.05	24.12	24.50	18.20	18.05	18.12	18.50
GPRS 3 Tx slots	22.22	22.07	22.16	22.50	17.96	17.81	17.90	18.24
GPRS 4 Tx slots	21.07	21.18	21.23	21.50	18.07	18.18	18.23	18.50
EDGE 1 Tx slot	22.18	22.22	22.14	22.50	13.18	13.22	13.14	13.50
EDGE 2 Tx slots	21.19	21.33	21.21	21.50	15.19	15.33	15.21	15.50
EDGE 3 Tx slots	19.09	19.16	19.18	19.50	14.83	14.90	14.92	15.24
EDGE 4 Tx slots	18.21	18.18	18.25	18.50	15.21	15.18	15.25	15.50

Band		WCDMA II_Ant1			Tune-up	WCDMA IV_Ant1			Tune-up	WCDMA V_Ant1			Tune-up
TX Channel		9262	9400	9538	Limit	1312	1413	1513	Limit	4132	4182	4233	Limit
Rx Channel		9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.38	22.48	22.54	24.00	22.42	22.58	22.63	24.00	22.55	22.51	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	22.41	22.51	22.62	24.00	22.47	22.60	22.64	24.00	22.60	22.55	22.53	24.00
3GPP Rel 6	HSDPA Subtest-1	21.18	21.32	21.37	23.00	21.23	21.33	21.42	23.00	21.38	21.44	21.38	23.00
3GPP Rel 6	HSDPA Subtest-2	21.05	21.22	21.08	23.00	21.25	21.25	21.44	23.00	21.42	21.41	21.28	23.00
3GPP Rel 6	HSDPA Subtest-3	20.53	20.70	20.79	22.50	20.80	20.71	20.89	22.50	20.98	20.89	20.82	22.50
3GPP Rel 6	HSDPA Subtest-4	20.53	20.65	20.76	22.50	20.76	20.72	20.80	22.50	21.01	20.93	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.04	21.21	23.00	21.22	21.29	21.39	23.00	21.35	21.43	21.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.08	21.10	21.11	23.00	21.24	21.22	21.40	23.00	21.38	21.40	21.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.81	20.73	20.90	22.50	20.77	20.67	20.88	22.50	20.96	20.87	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.78	20.83	20.96	22.50	20.72	20.67	20.77	22.50	21.00	20.90	20.78	22.50
3GPP Rel 6	HSUPA Subtest-1	19.26	19.36	19.42	21.00	19.53	19.43	19.49	21.00	19.53	19.47	19.45	21.00
3GPP Rel 6	HSUPA Subtest-2	19.24	19.39	19.46	21.00	19.45	19.36	19.41	21.00	19.57	19.50	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	20.22	20.34	20.37	22.00	20.54	20.37	20.43	22.00	20.49	20.32	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	18.77	18.85	18.92	20.50	19.07	18.90	19.01	20.50	19.01	18.96	18.95	20.50
3GPP Rel 6	HSUPA Subtest-5	20.10	20.03	20.13	22.00	20.80	20.30	20.40	22.00	20.46	20.40	20.40	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.65	18.74	18.81	20.50	18.96	18.78	18.90	20.50	18.88	18.81	18.84	20.50

Band		WCDMA II_Ant2			Tune-up	WCDMA V_Ant2			Tune-up
TX Channel		9262	9400	9538	Limit	4132	4182	4233	Limit
Rx Channel		9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.17	17.27	17.33	18.50	21.04	21.07	21.00	22.00
3GPP Rel 99	RMC 12.2Kbps	17.22	17.31	17.37	18.50	21.10	21.08	21.05	22.00
3GPP Rel 6	HSDPA Subtest-1	16.40	16.41	16.44	17.50	20.25	20.27	20.26	21.00
3GPP Rel 6	HSDPA Subtest-2	16.42	16.31	16.36	17.50	20.26	20.18	20.21	21.00
3GPP Rel 6	HSDPA Subtest-3	15.91	15.85	15.85	17.00	19.87	19.72	19.76	20.50
3GPP Rel 6	HSDPA Subtest-4	15.89	15.83	15.79	17.00	19.71	19.71	19.73	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.68	15.67	15.74	17.50	19.23	19.30	19.26	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.56	15.59	15.62	17.50	19.24	19.26	19.19	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.19	15.13	15.18	17.00	18.89	18.87	18.87	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.01	15.00	15.10	17.00	18.86	18.77	18.78	20.50
3GPP Rel 6	HSUPA Subtest-1	13.76	13.69	13.73	15.50	17.42	17.43	17.40	19.00
3GPP Rel 6	HSUPA Subtest-2	13.75	13.75	13.78	15.50	17.49	17.46	17.47	19.00
3GPP Rel 6	HSUPA Subtest-3	14.74	14.67	14.70	16.50	18.40	18.43	18.41	20.00
3GPP Rel 6	HSUPA Subtest-4	13.27	13.22	13.18	15.00	16.97	16.92	16.89	18.50
3GPP Rel 6	HSUPA Subtest-5	14.61	14.58	14.55	16.50	18.33	18.35	18.31	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.07	13.10	13.10	15.00	16.92	16.92	16.87	18.50

Band 2_Ant1

BW [MHz]	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	22.29	22.25	22.25	24	0
20	QPSK	1	49	22.44	22.64	22.45		
20	QPSK	1	99	22.45	22.48	22.35		
20	QPSK	50	0	21.51	21.54	21.36	23	1
20	QPSK	50	24	21.49	21.35	21.37		
20	QPSK	50	50	21.41	21.18	21.17		
20	QPSK	100	0	21.51	21.52	21.31		
20	16QAM	1	0	21.59	21.47	21.29	23	1
20	16QAM	1	49	21.74	21.60	21.25		
20	16QAM	1	99	21.59	21.25	21.34		
20	16QAM	50	0	20.52	20.61	20.42	22	2
20	16QAM	50	24	20.56	20.42	20.44		
20	16QAM	50	50	20.50	20.25	20.22		
20	16QAM	100	0	20.44	20.25	20.28		
20	64QAM	1	0	20.41	20.06	20.17	22	2
20	64QAM	1	49	20.48	20.23	20.46		
20	64QAM	1	99	20.29	20.27	20.14		
20	64QAM	50	0	19.54	19.52	19.32	21	3
20	64QAM	50	24	19.47	19.42	19.36		
20	64QAM	50	50	19.42	19.19	19.20		
20	64QAM	100	0	19.43	19.37	19.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.43	22.22	22.15	24	0
15	QPSK	1	37	22.45	22.62	22.17		
15	QPSK	1	74	22.27	22.30	22.25		
15	QPSK	36	0	21.41	21.54	21.36	23	1
15	QPSK	36	20	21.38	21.31	21.27		
15	QPSK	36	39	21.32	21.07	21.06		
15	QPSK	75	0	21.45	21.46	21.23		
15	16QAM	1	0	21.54	21.42	21.24	23	1
15	16QAM	1	37	21.65	21.49	21.16		
15	16QAM	1	74	21.55	21.22	21.29		
15	16QAM	36	0	20.51	20.59	20.34	22	2
15	16QAM	36	20	20.49	20.42	20.42		
15	16QAM	36	39	20.48	20.25	20.15		
15	16QAM	75	0	20.33	20.18	20.17		
15	64QAM	1	0	20.39	20.00	20.13	22	2
15	64QAM	1	37	20.43	20.20	20.43		
15	64QAM	1	74	20.23	20.25	20.04		
15	64QAM	36	0	19.49	19.48	19.31	21	3
15	64QAM	36	20	19.46	19.39	19.28		
15	64QAM	36	39	19.35	19.08	19.16		
15	64QAM	75	0	19.43	19.30	19.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.41	22.23	22.25	24	0
10	QPSK	1	25	22.47	22.58	22.23		
10	QPSK	1	49	22.30	22.30	22.26		
10	QPSK	25	0	21.47	21.44	21.29	23	1
10	QPSK	25	12	21.43	21.25	21.36		
10	QPSK	25	25	21.30	21.11	21.12		
10	QPSK	50	0	21.41	21.46	21.29		
10	16QAM	1	0	21.52	21.46	21.22	23	1
10	16QAM	1	25	21.74	21.53	21.22		
10	16QAM	1	49	21.54	21.23	21.31		
10	16QAM	25	0	20.51	20.57	20.38	22	2
10	16QAM	25	12	20.56	20.35	20.35		
10	16QAM	25	25	20.43	20.22	20.16		
10	16QAM	50	0	20.33	20.20	20.18		
10	64QAM	1	0	20.32	20.01	20.08	22	2
10	64QAM	1	25	20.39	20.19	20.44		
10	64QAM	1	49	20.20	20.21	20.03		
10	64QAM	25	0	19.43	19.51	19.29	21	3
10	64QAM	25	12	19.39	19.33	19.27		
10	64QAM	25	25	19.36	19.19	19.15		
10	64QAM	50	0	19.32	19.27	19.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.14	22.18	24	0
5	QPSK	1	12	22.43	22.62	22.15		
5	QPSK	1	24	22.30	22.33	22.23		
5	QPSK	12	0	21.46	21.52	21.34	23	1
5	QPSK	12	7	21.49	21.25	21.32		
5	QPSK	12	13	21.39	21.15	21.10		
5	QPSK	25	0	21.48	21.44	21.24		
5	16QAM	1	0	21.51	21.38	21.20	23	1
5	16QAM	1	12	21.74	21.53	21.14		
5	16QAM	1	24	21.48	21.24	21.33		
5	16QAM	12	0	20.45	20.58	20.39	22	2
5	16QAM	12	7	20.48	20.38	20.43		
5	16QAM	12	13	20.49	20.17	20.13		
5	16QAM	25	0	20.34	20.24	20.23		
5	64QAM	1	0	20.31	20.03	20.06	22	2
5	64QAM	1	12	20.46	20.19	20.37		
5	64QAM	1	24	20.20	20.25	20.13		
5	64QAM	12	0	19.54	19.51	19.21	21	3
5	64QAM	12	7	19.43	19.39	19.30		
5	64QAM	12	13	19.39	19.16	19.19		
5	64QAM	25	0	19.37	19.36	19.33		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.41	22.23	22.21	24	0
3	QPSK	1	8	22.43	22.59	22.17		
3	QPSK	1	14	22.24	22.26	22.20		
3	QPSK	8	0	21.44	21.47	21.34	23	1
3	QPSK	8	4	21.41	21.28	21.32		
3	QPSK	8	7	21.41	21.11	21.13		
3	QPSK	15	0	21.49	21.47	21.30		
3	16QAM	1	0	21.51	21.36	21.22	23	1
3	16QAM	1	8	21.67	21.60	21.21		
3	16QAM	1	14	21.59	21.14	21.33		
3	16QAM	8	0	20.51	20.56	20.41	22	2
3	16QAM	8	4	20.50	20.36	20.34		
3	16QAM	8	7	20.45	20.22	20.18		
3	16QAM	15	0	20.41	20.20	20.24		
3	64QAM	1	0	20.32	20.02	20.16	22	2
3	64QAM	1	8	20.46	20.14	20.40		
3	64QAM	1	14	20.22	20.25	20.08		
3	64QAM	8	0	19.50	19.52	19.28	21	3
3	64QAM	8	4	19.40	19.41	19.30		
3	64QAM	8	7	19.39	19.17	19.10		
3	64QAM	15	0	19.37	19.31	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.51	22.34	22.32	24	0
1.4	QPSK	1	3	22.61	22.48	22.36		
1.4	QPSK	1	5	22.60	22.41	22.25		
1.4	QPSK	3	0	22.05	22.55	22.36		
1.4	QPSK	3	1	22.64	22.50	22.33		
1.4	QPSK	3	3	22.55	22.50	22.33		
1.4	QPSK	6	0	21.79	21.49	21.44	23	1
1.4	16QAM	1	0	21.71	21.44	21.64	23	1
1.4	16QAM	1	3	21.71	21.45	21.64		
1.4	16QAM	1	5	21.73	21.44	21.60		
1.4	16QAM	3	0	21.63	21.41	21.36		
1.4	16QAM	3	1	21.49	21.28	21.31		
1.4	16QAM	3	3	21.52	21.19	21.28		
1.4	16QAM	6	0	20.73	20.37	20.38	22	2
1.4	64QAM	1	0	20.32	20.40	20.35	22	2
1.4	64QAM	1	3	20.37	20.50	20.32		
1.4	64QAM	1	5	20.32	20.52	20.63		
1.4	64QAM	3	0	20.70	20.54	20.64		
1.4	64QAM	3	1	20.86	20.54	20.66		
1.4	64QAM	3	3	20.68	20.65	20.20		
1.4	64QAM	6	0	19.59	19.41	19.47	21	3

Band 2_Ant2

BW [MHz]	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	18.36	18.40	18.19	19	0
20	QPSK	1	49	18.49	18.50	18.22		
20	QPSK	1	99	18.32	18.42	18.20		
20	QPSK	50	0	17.33	17.42	17.38	18	1
20	QPSK	50	24	17.31	17.37	17.36		
20	QPSK	50	50	17.31	17.41	17.36		
20	QPSK	100	0	17.26	17.31	17.23		
20	16QAM	1	0	17.23	17.24	17.20	18	1
20	16QAM	1	49	17.10	17.22	17.15		
20	16QAM	1	99	17.20	17.22	17.17		
20	16QAM	50	0	16.34	16.45	16.38	17	2
20	16QAM	50	24	16.25	16.38	16.33		
20	16QAM	50	50	16.39	16.43	16.40		
20	16QAM	100	0	16.19	16.28	16.23		
20	64QAM	1	0	16.35	16.42	16.32	17	2
20	64QAM	1	49	16.59	16.62	16.53		
20	64QAM	1	99	16.20	16.23	16.15		
20	64QAM	50	0	15.38	15.46	15.33	16	3
20	64QAM	50	24	15.30	15.39	15.35		
20	64QAM	50	50	15.37	15.45	15.33		
20	64QAM	100	0	15.26	15.34	15.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.27	18.29	18.37	19	0
15	QPSK	1	37	18.38	18.44	18.39		
15	QPSK	1	74	18.36	18.35	18.29		
15	QPSK	36	0	17.34	17.35	17.35	18	1
15	QPSK	36	20	17.29	17.24	17.33		
15	QPSK	36	39	17.30	17.28	17.28		
15	QPSK	75	0	17.29	17.19	17.18		
15	16QAM	1	0	17.23	17.22	17.21	18	1
15	16QAM	1	37	17.18	17.18	17.14		
15	16QAM	1	74	17.19	17.10	17.20		
15	16QAM	36	0	16.40	16.37	16.43	17	2
15	16QAM	36	20	16.37	16.37	16.35		
15	16QAM	36	39	16.30	16.40	16.34		
15	16QAM	75	0	16.17	16.26	16.19		
15	64QAM	1	0	16.40	16.30	16.30	17	2
15	64QAM	1	37	16.58	16.54	16.51		
15	64QAM	1	74	16.08	16.20	16.20		
15	64QAM	36	0	15.40	15.45	15.37	16	3
15	64QAM	36	20	15.32	15.30	15.36		
15	64QAM	36	39	15.41	15.44	15.40		
15	64QAM	75	0	15.33	15.33	15.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.34	18.36	18.37	19	0
10	QPSK	1	25	18.45	18.35	18.38		
10	QPSK	1	49	18.32	18.39	18.39		
10	QPSK	25	0	17.33	17.34	17.33	18	1
10	QPSK	25	12	17.27	17.29	17.25		
10	QPSK	25	25	17.34	17.40	17.33		
10	QPSK	50	0	17.19	17.26	17.26		
10	16QAM	1	0	17.20	17.20	17.14	18	1
10	16QAM	1	25	17.18	17.16	17.10		
10	16QAM	1	49	17.12	17.17	17.12		
10	16QAM	25	0	16.33	16.34	16.35	17	2
10	16QAM	25	12	16.31	16.31	16.27		
10	16QAM	25	25	16.41	16.36	16.40		
10	16QAM	50	0	16.27	16.23	16.25		
10	64QAM	1	0	16.34	16.33	16.37	17	2
10	64QAM	1	25	16.54	16.47	16.60		
10	64QAM	1	49	16.12	16.21	16.10		
10	64QAM	25	0	15.37	15.37	15.36	16	3
10	64QAM	25	12	15.33	15.33	15.31		
10	64QAM	25	25	15.35	15.41	15.41		
10	64QAM	50	0	15.33	15.24	15.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.37	18.37	18.30	19	0
5	QPSK	1	12	18.46	18.46	18.45		
5	QPSK	1	24	18.30	18.31	18.29		
5	QPSK	12	0	17.31	17.41	17.36	18	1
5	QPSK	12	7	17.34	17.27	17.25		
5	QPSK	12	13	17.38	17.29	17.39		
5	QPSK	25	0	17.21	17.23	17.25		
5	16QAM	1	0	17.23	17.13	17.16	18	1
5	16QAM	1	12	17.12	17.20	17.10		
5	16QAM	1	24	17.11	17.11	17.15		
5	16QAM	12	0	16.41	16.44	16.35	17	2
5	16QAM	12	7	16.29	16.26	16.30		
5	16QAM	12	13	16.42	16.30	16.37		
5	16QAM	25	0	16.16	16.23	16.23		
5	64QAM	1	0	16.33	16.33	16.32	17	2
5	64QAM	1	12	16.61	16.57	16.50		
5	64QAM	1	24	16.22	16.20	16.18		
5	64QAM	12	0	15.39	15.40	15.37	16	3
5	64QAM	12	7	15.37	15.32	15.38		
5	64QAM	12	13	15.35	15.41	15.36		
5	64QAM	25	0	15.31	15.28	15.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.36	18.28	18.30	19	0
3	QPSK	1	8	18.44	18.35	18.35		
3	QPSK	1	14	18.32	18.29	18.36		
3	QPSK	8	0	17.35	17.41	17.29	18	1
3	QPSK	8	4	17.26	17.33	17.31		
3	QPSK	8	7	17.28	17.33	17.38		
3	QPSK	15	0	17.23	17.30	17.27		
3	16QAM	1	0	17.13	17.19	17.16	18	1
3	16QAM	1	8	17.17	17.20	17.18		
3	16QAM	1	14	17.17	17.16	17.18		
3	16QAM	8	0	16.42	16.39	16.39	17	2
3	16QAM	8	4	16.33	16.37	16.35		
3	16QAM	8	7	16.33	16.35	16.32		
3	16QAM	15	0	16.15	16.25	16.22		
3	64QAM	1	0	16.41	16.38	16.40	17	2
3	64QAM	1	8	16.47	16.59	16.52		
3	64QAM	1	14	16.21	16.09	16.19		
3	64QAM	8	0	15.37	15.42	15.38	16	3
3	64QAM	8	4	15.34	15.29	15.32		
3	64QAM	8	7	15.40	15.44	15.44		
3	64QAM	15	0	15.33	15.32	15.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.31	18.38	18.33	19	0
1.4	QPSK	1	3	18.41	18.37	18.44		
1.4	QPSK	1	5	18.41	18.37	18.34		
1.4	QPSK	3	0	17.39	17.40	17.33		
1.4	QPSK	3	1	17.31	17.31	17.30		
1.4	QPSK	3	3	17.39	17.38	17.30		
1.4	QPSK	6	0	17.26	17.30	17.20	18	1
1.4	16QAM	1	0	17.13	17.14	17.16	18	1
1.4	16QAM	1	3	17.09	17.14	17.20		
1.4	16QAM	1	5	17.19	17.11	17.17		
1.4	16QAM	3	0	16.39	16.38	16.40		
1.4	16QAM	3	1	16.32	16.33	16.35		
1.4	16QAM	3	3	16.31	16.42	16.34		
1.4	16QAM	6	0	16.16	16.17	16.24	17	2
1.4	64QAM	1	0	16.28	16.30	16.32	17	2
1.4	64QAM	1	3	16.58	16.60	16.55		
1.4	64QAM	1	5	16.17	16.08	16.14		
1.4	64QAM	3	0	15.38	15.36	15.39		
1.4	64QAM	3	1	15.36	15.33	15.30		
1.4	64QAM	3	3	15.41	15.37	15.42		
1.4	64QAM	6	0	15.33	15.30	15.32	16	3

Band 4_Ant1

BW [MHz]	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	22.13	22.27	22.20	24	0
20	QPSK	1	49	22.34	22.47	22.45		
20	QPSK	1	99	22.07	22.10	22.05		
20	QPSK	50	0	21.13	21.44	21.36	23	1
20	QPSK	50	24	21.22	21.36	21.36		
20	QPSK	50	50	21.21	21.31	21.19		
20	QPSK	100	0	21.46	21.68	21.57		
20	16QAM	1	0	21.54	21.69	21.67	23	1
20	16QAM	1	49	21.74	22.01	21.87		
20	16QAM	1	99	21.54	21.68	21.61		
20	16QAM	50	0	20.38	20.73	20.63	22	2
20	16QAM	50	24	20.52	20.66	20.62		
20	16QAM	50	50	20.48	20.57	20.47		
20	16QAM	100	0	20.41	20.64	20.55		
20	64QAM	1	0	20.49	20.61	20.98	22	2
20	64QAM	1	49	20.74	20.86	20.79		
20	64QAM	1	99	20.51	20.55	20.47		
20	64QAM	50	0	19.40	19.71	19.60	21	3
20	64QAM	50	24	19.50	19.64	19.61		
20	64QAM	50	50	19.45	19.56	19.49		
20	64QAM	100	0	19.44	19.65	19.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.26	22.22	22.17	24	0
15	QPSK	1	37	22.42	22.44	22.44		
15	QPSK	1	74	22.13	22.00	22.06		
15	QPSK	36	0	21.38	21.37	21.32	23	1
15	QPSK	36	20	21.31	21.28	21.33		
15	QPSK	36	39	21.29	21.28	21.19		
15	QPSK	75	0	21.62	21.55	21.59		
15	16QAM	1	0	21.40	21.27	21.12	23	1
15	16QAM	1	37	21.55	21.44	21.08		
15	16QAM	1	74	21.38	21.06	21.17		
15	16QAM	36	0	20.42	20.41	20.25	22	2
15	16QAM	36	20	20.38	20.24	20.34		
15	16QAM	36	39	20.31	20.05	20.05		
15	16QAM	75	0	20.33	20.11	20.16		
15	64QAM	1	0	20.26	20.01	20.05	22	2
15	64QAM	1	37	20.36	20.07	20.29		
15	64QAM	1	74	20.12	20.15	20.04		
15	64QAM	36	0	19.44	19.32	19.21	21	3
15	64QAM	36	20	19.34	19.25	19.16		
15	64QAM	36	39	19.22	19.01	19.04		
15	64QAM	75	0	19.33	19.17	19.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.17	22.24	24	0
10	QPSK	1	25	22.37	22.42	22.35		
10	QPSK	1	49	22.01	22.11	22.09		
10	QPSK	25	0	21.41	21.35	21.43	23	1
10	QPSK	25	12	21.34	21.34	21.28		
10	QPSK	25	25	21.28	21.30	21.27		
10	QPSK	50	0	21.59	21.55	21.55		
10	16QAM	1	0	21.40	21.27	21.12	23	1
10	16QAM	1	25	21.55	21.44	21.08		
10	16QAM	1	49	21.38	21.06	21.17		
10	16QAM	25	0	20.42	20.41	20.25	22	2
10	16QAM	25	12	20.38	20.24	20.34		
10	16QAM	25	25	20.31	20.05	20.05		
10	16QAM	50	0	20.33	20.11	20.16		
10	64QAM	1	0	20.26	20.02	20.05	22	2
10	64QAM	1	25	20.36	20.07	20.29		
10	64QAM	1	49	20.12	20.15	20.04		
10	64QAM	25	0	19.44	19.32	19.21	21	3
10	64QAM	25	12	19.34	19.25	19.16		
10	64QAM	25	25	19.22	19.01	19.04		
10	64QAM	50	0	19.33	19.17	19.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.18	22.16	22.22	24	0
5	QPSK	1	12	22.46	22.42	22.39		
5	QPSK	1	24	22.06	22.04	22.07		
5	QPSK	12	0	21.35	21.38	21.38	23	1
5	QPSK	12	7	21.27	21.29	21.35		
5	QPSK	12	13	21.24	21.27	21.29		
5	QPSK	25	0	21.66	21.65	21.67		
5	16QAM	1	0	21.40	21.27	21.12	23	1
5	16QAM	1	12	21.55	21.44	21.08		
5	16QAM	1	24	21.38	21.06	21.17		
5	16QAM	12	0	20.42	20.41	20.25	22	2
5	16QAM	12	7	20.38	20.24	20.34		
5	16QAM	12	13	20.31	20.05	20.05		
5	16QAM	25	0	20.33	20.11	20.16		
5	64QAM	1	0	20.26	20.01	20.05	22	2
5	64QAM	1	12	20.36	20.07	20.29		
5	64QAM	1	24	20.12	20.15	20.04		
5	64QAM	12	0	19.44	19.32	19.21	21	3
5	64QAM	12	7	19.34	19.25	19.16		
5	64QAM	12	13	19.22	19.01	19.04		
5	64QAM	25	0	19.33	19.17	19.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.21	22.21	22.16	24	0
3	QPSK	1	8	22.45	22.46	22.36		
3	QPSK	1	14	22.03	22.04	22.02		
3	QPSK	8	0	21.39	21.32	21.40	23	1
3	QPSK	8	4	21.27	21.35	21.34		
3	QPSK	8	7	21.29	21.26	21.24		
3	QPSK	15	0	21.63	21.60	21.59		
3	16QAM	1	0	21.31	21.20	21.12	23	1
3	16QAM	1	8	21.49	21.36	21.01		
3	16QAM	1	14	21.33	21.02	21.12		
3	16QAM	8	0	20.32	20.33	20.14	22	2
3	16QAM	8	4	20.36	20.18	20.22		
3	16QAM	8	7	20.26	20.02	20.02		
3	16QAM	15	0	20.31	20.02	20.08		
3	64QAM	1	0	20.24	20.01	20.03	22	2
3	64QAM	1	8	20.31	20.07	20.26		
3	64QAM	1	14	20.04	20.06	20.00		
3	64QAM	8	0	19.41	19.24	19.08	21	3
3	64QAM	8	4	19.24	19.24	19.08		
3	64QAM	8	7	19.17	19.02	19.02		
3	64QAM	15	0	19.22	19.13	19.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.03	22.04	22.23	24	0
1.4	QPSK	1	3	22.17	22.18	22.25		
1.4	QPSK	1	5	22.03	22.16	22.17		
1.4	QPSK	3	0	22.10	22.26	22.38		
1.4	QPSK	3	1	22.16	22.27	22.26		
1.4	QPSK	3	3	22.12	22.27	22.31		
1.4	QPSK	6	0	21.45	21.58	21.71	23	1
1.4	16QAM	1	0	21.57	21.71	21.80	19	1
1.4	16QAM	1	3	21.68	21.79	21.95		
1.4	16QAM	1	5	21.57	21.69	21.90		
1.4	16QAM	3	0	21.39	21.53	21.65		
1.4	16QAM	3	1	21.48	21.60	21.75		
1.4	16QAM	3	3	21.40	21.57	21.65		
1.4	16QAM	6	0	20.52	20.63	20.74	22	2
1.4	64QAM	1	0	20.58	20.63	20.74	22	2
1.4	64QAM	1	3	20.56	20.73	20.86		
1.4	64QAM	1	5	20.48	20.63	20.72		
1.4	64QAM	3	0	20.53	20.67	20.81		
1.4	64QAM	3	1	20.56	20.68	20.83		
1.4	64QAM	3	3	20.50	20.68	20.79		
1.4	64QAM	6	0	19.42	19.57	19.66	21	3

Band 5_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.43	22.50	22.34	24	0
10	QPSK	1	25	22.49	22.55	22.43		
10	QPSK	1	49	22.48	22.51	22.34		
10	QPSK	25	0	21.23	21.34	21.27	23	1
10	QPSK	25	12	21.18	21.26	21.25		
10	QPSK	25	25	21.21	21.30	21.24		
10	QPSK	50	0	21.26	21.30	21.26		
10	16QAM	1	0	21.46	21.49	21.40	23	1
10	16QAM	1	25	21.55	21.70	21.66		
10	16QAM	1	49	21.49	21.55	21.42		
10	16QAM	25	0	20.23	20.30	20.26	22	2
10	16QAM	25	12	20.26	20.28	20.27		
10	16QAM	25	25	20.34	20.27	20.27		
10	16QAM	50	0	20.27	20.33	20.26		
10	64QAM	1	0	20.35	20.41	20.36	22	2
10	64QAM	1	25	20.65	20.47	20.43		
10	64QAM	1	49	20.37	20.35	20.32		
10	64QAM	25	0	19.22	19.34	19.29	21	3
10	64QAM	25	12	19.28	19.27	19.27		
10	64QAM	25	25	19.33	19.29	19.27		
10	64QAM	50	0	19.30	19.34	19.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.05	22.09	22.08	24	0
5	QPSK	1	12	22.25	22.21	22.25		
5	QPSK	1	24	22.09	22.07	22.02		
5	QPSK	12	0	21.23	21.30	21.17	23	1
5	QPSK	12	7	21.27	21.16	21.15		
5	QPSK	12	13	21.24	21.25	21.18		
5	QPSK	25	0	21.25	21.29	21.22		
5	16QAM	1	0	21.44	21.48	21.37	23	1
5	16QAM	1	12	21.53	21.67	21.55		
5	16QAM	1	24	21.49	21.45	21.42		
5	16QAM	12	0	20.15	20.29	20.18	22	2
5	16QAM	12	7	20.20	20.23	20.18		
5	16QAM	12	13	20.23	20.25	20.21		
5	16QAM	25	0	20.23	20.22	20.26		
5	64QAM	1	0	20.27	20.38	20.34	22	2
5	64QAM	1	12	20.55	20.44	20.42		
5	64QAM	1	24	20.28	20.33	20.23		
5	64QAM	12	0	19.19	19.25	19.27	21	3
5	64QAM	12	7	19.23	19.21	19.26		
5	64QAM	12	13	19.30	19.28	19.20		
5	64QAM	25	0	19.27	19.31	19.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.17	22.16	22.09	24	0
3	QPSK	1	8	22.22	22.20	22.11		
3	QPSK	1	14	22.18	22.18	22.09		
3	QPSK	8	0	21.21	21.22	21.22	23	1
3	QPSK	8	4	21.28	21.28	21.24		
3	QPSK	8	7	21.25	21.21	21.19		
3	QPSK	15	0	21.24	21.23	21.22		
3	16QAM	1	0	21.43	21.45	21.40	23	1
3	16QAM	1	8	21.46	21.47	21.42		
3	16QAM	1	14	21.43	21.43	21.40		
3	16QAM	8	0	20.24	20.25	20.28	22	2
3	16QAM	8	4	20.32	20.32	20.30		
3	16QAM	8	7	20.30	20.31	20.25		
3	16QAM	15	0	20.23	20.25	20.22		
3	64QAM	1	0	20.40	20.35	20.31	22	2
3	64QAM	1	8	20.52	20.38	20.51		
3	64QAM	1	14	20.39	20.37	20.40		
3	64QAM	8	0	19.29	19.26	19.25	21	3
3	64QAM	8	4	19.33	19.34	19.30		
3	64QAM	8	7	19.31	19.29	19.26		
3	64QAM	15	0	19.24	19.24	19.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.11	22.10	22.03	24	0
1.4	QPSK	1	3	22.11	22.23	22.16		
1.4	QPSK	1	5	22.02	22.09	22.08		
1.4	QPSK	3	0	22.22	22.21	22.14		
1.4	QPSK	3	1	22.25	22.26	22.19		
1.4	QPSK	3	3	22.22	22.21	22.16		
1.4	QPSK	6	0	21.23	21.21	21.21	23	1
1.4	16QAM	1	0	21.35	21.39	21.34	23	1
1.4	16QAM	1	3	21.46	21.52	21.46		
1.4	16QAM	1	5	21.38	21.37	21.37		
1.4	16QAM	3	0	21.17	21.18	21.19		
1.4	16QAM	3	1	21.22	21.23	21.19		
1.4	16QAM	3	3	21.17	21.18	21.15		
1.4	16QAM	6	0	20.28	20.29	20.29	22	2
1.4	64QAM	1	0	20.27	20.25	20.28	22	2
1.4	64QAM	1	3	20.35	20.44	20.36		
1.4	64QAM	1	5	20.47	20.28	20.33		
1.4	64QAM	3	0	20.33	20.30	20.29		
1.4	64QAM	3	1	20.34	20.34	20.37		
1.4	64QAM	3	3	20.32	20.30	20.28		
1.4	64QAM	6	0	19.24	19.27	19.21	21	3

Band 5_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.19	21.00	22	0
10	QPSK	1	25	21.26	21.27	21.09		
10	QPSK	1	49	21.22	21.24	21.04		
10	QPSK	25	0	20.23	20.24	20.18	21	1
10	QPSK	25	12	20.22	20.15	20.10		
10	QPSK	25	25	20.16	20.21	20.11		
10	QPSK	50	0	20.19	20.22	20.17		
10	16QAM	1	0	20.39	20.45	20.45	21	1
10	16QAM	1	25	20.45	20.50	20.47		
10	16QAM	1	49	20.39	20.44	20.44		
10	16QAM	25	0	19.16	19.27	19.14	20	2
10	16QAM	25	12	19.12	19.20	19.08		
10	16QAM	25	25	19.12	19.18	19.10		
10	16QAM	50	0	19.17	19.18	19.15		
10	64QAM	1	0	19.05	19.15	19.08	20	2
10	64QAM	1	25	19.37	19.43	19.37		
10	64QAM	1	49	19.10	19.17	19.07		
10	64QAM	25	0	18.27	18.31	18.26	19	3
10	64QAM	25	12	18.27	18.30	18.22		
10	64QAM	25	25	18.17	18.24	18.22		
10	64QAM	50	0	18.14	18.23	18.13		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.13	21.11	21.15	22	0
5	QPSK	1	12	21.22	21.25	21.23		
5	QPSK	1	24	21.17	21.12	21.10		
5	QPSK	12	0	20.20	20.14	20.15	21	1
5	QPSK	12	7	20.17	20.13	20.21		
5	QPSK	12	13	20.17	20.12	20.08		
5	QPSK	25	0	20.16	20.14	20.18		
5	16QAM	1	0	20.36	20.35	20.37	21	1
5	16QAM	1	12	20.47	20.41	20.49		
5	16QAM	1	24	20.42	20.31	20.31		
5	16QAM	12	0	19.24	19.16	19.16	20	2
5	16QAM	12	7	19.11	19.10	19.11		
5	16QAM	12	13	19.15	19.13	19.10		
5	16QAM	25	0	19.13	19.12	19.12		
5	64QAM	1	0	19.09	19.07	19.12	20	2
5	64QAM	1	12	19.32	19.29	19.42		
5	64QAM	1	24	19.14	19.06	19.03		
5	64QAM	12	0	18.28	18.26	18.23	19	3
5	64QAM	12	7	18.26	18.29	18.20		
5	64QAM	12	13	18.21	18.14	18.18		
5	64QAM	25	0	18.16	18.13	18.17		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.15	21.14	21.18	22	0
3	QPSK	1	8	21.26	21.17	21.26		
3	QPSK	1	14	21.13	21.07	21.06		
3	QPSK	8	0	20.19	20.18	20.12	21	1
3	QPSK	8	4	20.19	20.16	20.11		
3	QPSK	8	7	20.08	20.12	20.10		
3	QPSK	15	0	20.20	20.09	20.16		
3	16QAM	1	0	20.34	20.40	20.44	21	1
3	16QAM	1	8	20.39	20.49	20.47		
3	16QAM	1	14	20.40	20.38	20.39		
3	16QAM	8	0	19.23	19.21	19.20	20	2
3	16QAM	8	4	19.17	19.18	19.12		
3	16QAM	8	7	19.13	19.07	19.09		
3	16QAM	15	0	19.09	19.14	19.14		
3	64QAM	1	0	19.13	19.12	19.10	20	2
3	64QAM	1	8	19.28	19.34	19.38		
3	64QAM	1	14	19.11	19.05	19.16		
3	64QAM	8	0	18.25	18.28	18.24	19	3
3	64QAM	8	4	18.26	18.21	18.21		
3	64QAM	8	7	18.19	18.22	18.22		
3	64QAM	15	0	18.16	18.20	18.22		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.15	21.15	21.19	22	0
1.4	QPSK	1	3	21.19	21.24	21.16		
1.4	QPSK	1	5	21.18	21.15	21.09		
1.4	QPSK	3	0	20.90	20.85	20.85		
1.4	QPSK	3	1	20.79	20.84	20.79		
1.4	QPSK	3	3	20.86	20.86	20.85		
1.4	QPSK	6	0	20.09	20.16	20.09	21	1
1.4	16QAM	1	0	20.32	20.32	20.38	21	1
1.4	16QAM	1	3	20.46	20.41	20.45		
1.4	16QAM	1	5	20.38	20.36	20.42		
1.4	16QAM	3	0	19.87	19.87	19.84		
1.4	16QAM	3	1	19.77	19.82	19.88		
1.4	16QAM	3	3	19.80	19.80	19.81		
1.4	16QAM	6	0	19.17	19.08	19.17	20	2
1.4	64QAM	1	0	19.12	19.13	19.01	20	2
1.4	64QAM	1	3	19.42	19.35	19.28		
1.4	64QAM	1	5	19.16	19.02	19.11		
1.4	64QAM	3	0	18.99	18.92	18.94		
1.4	64QAM	3	1	18.97	18.96	18.96		
1.4	64QAM	3	3	18.89	18.88	18.84		
1.4	64QAM	6	0	18.18	18.13	18.13	19	3

Band 12_Ant1

BW [MHz]	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	22.46	22.45	22.40	24	0
10	QPSK	1	25	22.49	22.60	22.39		
10	QPSK	1	49	22.48	22.45	22.38		
10	QPSK	25	0	21.46	21.53	21.48	23	1
10	QPSK	25	12	21.50	21.50	21.52		
10	QPSK	25	25	21.50	21.48	21.49		
10	QPSK	50	0	21.51	21.55	21.52		
10	16QAM	1	0	21.75	21.95	21.91	23	1
10	16QAM	1	25	21.98	22.08	22.03		
10	16QAM	1	49	21.91	21.88	21.88		
10	16QAM	25	0	20.63	20.70	20.72	22	2
10	16QAM	25	12	20.73	20.69	20.70		
10	16QAM	25	25	20.72	20.67	20.70		
10	16QAM	50	0	20.67	20.71	20.69		
10	64QAM	1	0	20.87	20.74	20.71	22	2
10	64QAM	1	25	20.91	20.89	20.91		
10	64QAM	1	49	20.78	20.80	20.79		
10	64QAM	25	0	19.61	19.70	19.69	21	3
10	64QAM	25	12	19.69	19.68	19.70		
10	64QAM	25	25	19.73	19.67	19.64		
10	64QAM	50	0	19.66	19.68	19.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.28	22.34	22.31	24	0
5	QPSK	1	12	22.34	22.38	22.46		
5	QPSK	1	24	22.36	22.37	22.37		
5	QPSK	12	0	21.44	21.49	21.46	23	1
5	QPSK	12	7	21.53	21.5	21.52		
5	QPSK	12	13	21.51	21.46	21.44		
5	QPSK	25	0	21.46	21.46	21.43		
5	16QAM	1	0	21.9	21.83	21.81	23	1
5	16QAM	1	12	22.08	22	22.04		
5	16QAM	1	24	21.87	21.94	21.71		
5	16QAM	12	0	20.56	20.66	20.63	22	2
5	16QAM	12	7	20.73	20.66	20.68		
5	16QAM	12	13	20.67	20.65	20.58		
5	16QAM	25	0	20.64	20.64	20.67		
5	64QAM	1	0	20.65	20.69	20.73	22	2
5	64QAM	1	12	20.94	20.91	20.93		
5	64QAM	1	24	20.74	20.79	20.72		
5	64QAM	12	0	19.57	19.67	19.63	21	3
5	64QAM	12	7	19.78	19.74	19.7		
5	64QAM	12	13	19.7	19.69	19.62		
5	64QAM	25	0	19.63	19.68	19.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.44	22.42	24	0
3	QPSK	1	8	22.43	22.41	22.4		
3	QPSK	1	14	22.51	22.48	22.47		
3	QPSK	8	0	21.43	21.48	21.47	23	1
3	QPSK	8	4	21.48	21.5	21.54		
3	QPSK	8	7	21.55	21.48	21.43		
3	QPSK	15	0	21.47	21.45	21.46		
3	16QAM	1	0	21.81	21.84	21.86	23	1
3	16QAM	1	8	21.9	21.84	21.84		
3	16QAM	1	14	21.94	21.92	21.9		
3	16QAM	8	0	20.64	20.69	20.7	22	2
3	16QAM	8	4	20.76	20.75	20.76		
3	16QAM	8	7	20.71	20.68	20.65		
3	16QAM	15	0	20.6	20.63	20.66		
3	64QAM	1	0	20.85	20.78	20.78	22	2
3	64QAM	1	8	20.82	20.81	20.77		
3	64QAM	1	14	20.81	20.92	20.88		
3	64QAM	8	0	19.67	19.7	19.7	21	3
3	64QAM	8	4	19.74	19.7	19.73		
3	64QAM	8	7	19.72	19.68	19.66		
3	64QAM	15	0	19.65	19.64	19.63		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.19	22.28	22.34	24	0
1.4	QPSK	1	3	22.38	22.48	22.5		
1.4	QPSK	1	5	22.34	22.39	22.39		
1.4	QPSK	3	0	22.41	22.45	22.45		
1.4	QPSK	3	1	22.46	22.49	22.49		
1.4	QPSK	3	3	22.44	22.46	22.47		
1.4	QPSK	6	0	21.64	21.61	21.62	23	1
1.4	16QAM	1	0	21.72	21.8	21.78	23	1
1.4	16QAM	1	3	21.93	21.89	21.92		
1.4	16QAM	1	5	21.76	21.81	21.8		
1.4	16QAM	3	0	21.6	21.59	21.55		
1.4	16QAM	3	1	21.63	21.7	21.63		
1.4	16QAM	3	3	21.58	21.59	21.6		
1.4	16QAM	6	0	20.71	20.73	20.71	22	2
1.4	64QAM	1	0	20.85	20.7	20.69	22	2
1.4	64QAM	1	3	20.83	20.86	20.79		
1.4	64QAM	1	5	20.69	20.8	20.71		
1.4	64QAM	3	0	20.71	20.7	20.75		
1.4	64QAM	3	1	20.81	20.77	20.77		
1.4	64QAM	3	3	20.73	20.75	20.76		
1.4	64QAM	6	0	19.65	19.6	19.65	21	3

Band 12_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.71	21.73	21.74	23	0
10	QPSK	1	25	21.77	21.98	21.76		
10	QPSK	1	49	21.71	21.76	21.75		
10	QPSK	25	0	20.78	20.97	20.91	22	1
10	QPSK	25	12	20.96	20.84	20.88		
10	QPSK	25	25	20.96	20.86	20.83		
10	QPSK	50	0	20.87	20.95	20.93		
10	16QAM	1	0	20.99	21.06	21.08	22	1
10	16QAM	1	25	20.88	20.98	20.92		
10	16QAM	1	49	21.09	20.73	21.11		
10	16QAM	25	0	20.01	20.02	20.07	21	2
10	16QAM	25	12	20.02	20.02	20.04		
10	16QAM	25	25	20.02	20.03	20.01		
10	16QAM	50	0	20.00	20.02	20.01		
10	64QAM	1	0	20.18	20.17	20.00	21	2
10	64QAM	1	25	20.49	20.29	20.30		
10	64QAM	1	49	20.06	20.38	20.31		
10	64QAM	25	0	19.01	19.02	19.00	20	3
10	64QAM	25	12	19.05	19.01	19.07		
10	64QAM	25	25	19.02	19.02	19.08		
10	64QAM	50	0	19.05	19.06	19.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.71	21.72	21.73	23	0
5	QPSK	1	12	21.76	21.82	21.73		
5	QPSK	1	24	21.75	21.71	21.71		
5	QPSK	12	0	20.76	20.96	20.87	22	1
5	QPSK	12	7	20.92	20.83	20.84		
5	QPSK	12	13	20.91	20.85	20.81		
5	QPSK	25	0	20.83	20.94	20.91		
5	16QAM	1	0	20.94	21.02	21.07	22	1
5	16QAM	1	12	20.86	20.96	20.90		
5	16QAM	1	24	21.07	20.71	21.09		
5	16QAM	12	0	20.09	20.12	20.05	21	2
5	16QAM	12	7	20.08	20.09	20.02		
5	16QAM	12	13	20.00	20.09	20.07		
5	16QAM	25	0	20.05	20.07	20.08		
5	64QAM	1	0	20.13	20.14	20.07	21	2
5	64QAM	1	12	20.46	20.26	20.28		
5	64QAM	1	24	20.04	20.35	20.30		
5	64QAM	12	0	19.09	19.08	19.05	20	3
5	64QAM	12	7	19.00	19.08	19.06		
5	64QAM	12	13	19.08	19.07	19.06		
5	64QAM	25	0	19.02	19.05	19.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.71	21.70	23	0
3	QPSK	1	8	21.73	21.78	21.75		
3	QPSK	1	14	21.70	21.75	21.72		
3	QPSK	8	0	20.77	20.92	20.87	22	1
3	QPSK	8	4	20.93	20.79	20.86		
3	QPSK	8	7	20.95	20.83	20.81		
3	QPSK	15	0	20.82	20.91	20.92		
3	16QAM	1	0	20.96	21.03	21.07	22	1
3	16QAM	1	8	20.87	20.93	20.90		
3	16QAM	1	14	21.07	20.71	21.06		
3	16QAM	8	0	20.00	20.01	20.05	21	2
3	16QAM	8	4	20.06	20.00	20.01		
3	16QAM	8	7	20.01	20.03	20.05		
3	16QAM	15	0	20.02	20.01	20.02		
3	64QAM	1	0	20.05	20.13	20.00	21	2
3	64QAM	1	8	20.47	20.28	20.29		
3	64QAM	1	14	20.01	20.36	20.26		
3	64QAM	8	0	19.00	19.03	19.01	20	3
3	64QAM	8	4	19.04	19.00	19.05		
3	64QAM	8	7	19.00	19.00	19.07		
3	64QAM	15	0	19.04	19.03	19.00		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.80	21.86	21.81	23	0
1.4	QPSK	1	3	21.92	21.75	21.95		
1.4	QPSK	1	5	21.92	21.84	21.92		
1.4	QPSK	3	0	21.82	21.92	21.97		
1.4	QPSK	3	1	21.89	21.86	21.71		
1.4	QPSK	3	3	21.94	21.71	21.72		
1.4	QPSK	6	0	21.37	21.40	21.23	22	1
1.4	16QAM	1	0	21.38	21.09	21.13	22	1
1.4	16QAM	1	3	21.14	21.47	21.26		
1.4	16QAM	1	5	21.25	21.33	21.29		
1.4	16QAM	3	0	21.03	21.04	21.09		
1.4	16QAM	3	1	21.36	21.16	21.27		
1.4	16QAM	3	3	21.28	21.11	21.31		
1.4	16QAM	6	0	20.24	20.51	20.33	21	2
1.4	64QAM	1	0	20.46	20.53	20.23	21	2
1.4	64QAM	1	3	20.10	20.19	20.38		
1.4	64QAM	1	5	20.08	20.05	20.23		
1.4	64QAM	3	0	20.03	20.01	20.17		
1.4	64QAM	3	1	20.09	20.25	20.33		
1.4	64QAM	3	3	20.30	20.22	20.06		
1.4	64QAM	6	0	19.01	19.02	19.00	20	3

Band 13_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.5		24	0
10	QPSK	1	25		22.54			
10	QPSK	1	49		22.44			
10	QPSK	25	0		21.33		23	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.29			
10	QPSK	50	0		21.31			
10	16QAM	1	0		21.37		23	1
10	16QAM	1	25		21.7			
10	16QAM	1	49		21.45			
10	16QAM	25	0		20.28		22	2
10	16QAM	25	12		20.34			
10	16QAM	25	25		20.29			
10	16QAM	50	0		20.28			
10	64QAM	1	0		20.34		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.4			
10	64QAM	25	0		19.27		21	3
10	64QAM	25	12		19.31			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.14	22.14	22.12	24	0
5	QPSK	1	12	22.39	22.31	22.35		
5	QPSK	1	24	22.13	22.11	22.17		
5	QPSK	12	0	21.23	21.3	21.3	23	1
5	QPSK	12	7	21.32	21.3	21.3		
5	QPSK	12	13	21.26	21.23	21.26		
5	QPSK	25	0	21.26	21.3	21.26		
5	16QAM	1	0	21.37	21.42	21.37	23	1
5	16QAM	1	12	21.55	21.53	21.59		
5	16QAM	1	24	21.35	21.32	21.33		
5	16QAM	12	0	20.19	20.27	20.25	22	2
5	16QAM	12	7	20.27	20.27	20.22		
5	16QAM	12	13	20.26	20.22	20.21		
5	16QAM	25	0	20.19	20.27	20.26		
5	64QAM	1	0	20.28	20.29	20.26	22	2
5	64QAM	1	12	20.52	20.57	20.51		
5	64QAM	1	24	20.3	20.23	20.27		
5	64QAM	12	0	19.26	19.28	19.31	21	3
5	64QAM	12	7	19.34	19.32	19.31		
5	64QAM	12	13	19.3	19.25	19.25		
5	64QAM	25	0	19.3	19.29	19.31		

Band 14_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.41		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.36		23	1
10	QPSK	25	12		21.31			
10	QPSK	25	25		21.26			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.21		23	1
10	16QAM	1	25		21.63			
10	16QAM	1	49		21.71			
10	16QAM	25	0		20.39		22	2
10	16QAM	25	12		20.31			
10	16QAM	25	25		20.35			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.48		22	2
10	64QAM	1	25		20.61			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.31		21	3
10	64QAM	25	12		19.43			
10	64QAM	25	25		19.35			
10	64QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.17	22.12	22.15	24	0
5	QPSK	1	12	22.39	22.45	22.31		
5	QPSK	1	24	22.2	22.2	22.26		
5	QPSK	12	0	21.38	21.3	21.35	23	1
5	QPSK	12	7	21.4	21.38	21.51		
5	QPSK	12	13	21.31	21.35	21.28		
5	QPSK	25	0	21.32	21.39	21.38		
5	16QAM	1	0	21.69	21.7	21.44	23	1
5	16QAM	1	12	21.8	21.94	21.93		
5	16QAM	1	24	21.6	21.66	21.45		
5	16QAM	12	0	20.35	20.22	20.32	22	2
5	16QAM	12	7	20.36	20.35	20.34		
5	16QAM	12	13	20.41	20.37	20.27		
5	16QAM	25	0	20.41	20.27	20.3		
5	64QAM	1	0	20.27	20.32	20.27	22	2
5	64QAM	1	12	20.62	20.5	20.19		
5	64QAM	1	24	20.37	20.28	20.28		
5	64QAM	12	0	19.4	19.47	19.5	21	3
5	64QAM	12	7	19.4	19.51	19.47		
5	64QAM	12	13	19.45	19.52	19.23		
5	64QAM	25	0	19.3	19.33	19.29		

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.33			
10	QPSK	25	0		21.4		23	1
10	QPSK	25	12		21.38			
10	QPSK	25	25		21.37			
10	QPSK	50	0		21.39			
10	16QAM	1	0		21.52		23	1
10	16QAM	1	25		21.62			
10	16QAM	1	49		21.41			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.77			
10	16QAM	25	25		20.75			
10	16QAM	50	0		20.77			
10	64QAM	1	0		20.85		22	2
10	64QAM	1	25		20.95			
10	64QAM	1	49		21.04			
10	64QAM	25	0		19.76		21	3
10	64QAM	25	12		19.79			
10	64QAM	25	25		19.75			
10	64QAM	50	0		19.75			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.25	22.2	22.21	24	0
5	QPSK	1	12	22.38	22.33	22.35		
5	QPSK	1	24	22.18	22.2	22.19		
5	QPSK	12	0	21.37	21.35	21.35	23	1
5	QPSK	12	7	21.41	21.42	21.38		
5	QPSK	12	13	21.34	21.33	21.34		
5	QPSK	25	0	21.36	21.37	21.35		
5	16QAM	1	0	21.81	21.84	21.79	23	1
5	16QAM	1	12	22.05	22.1	22.03		
5	16QAM	1	24	21.76	21.78	21.75		
5	16QAM	12	0	20.76	20.73	20.75	22	2
5	16QAM	12	7	20.78	20.76	20.75		
5	16QAM	12	13	20.73	20.72	20.71		
5	16QAM	25	0	20.77	20.76	20.76		
5	64QAM	1	0	20.8	21.06	21.13	22	2
5	64QAM	1	12	21.04	21.03	20.98		
5	64QAM	1	24	20.77	20.73	20.73		
5	64QAM	12	0	19.77	19.76	19.79	21	3
5	64QAM	12	7	19.84	19.83	19.82		
5	64QAM	12	13	19.77	19.77	19.74		
5	64QAM	25	0	19.75	19.75	19.77		

Band 30_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.86		14.5	0
10	QPSK	1	25		13.87			
10	QPSK	1	49		13.56			
10	QPSK	25	0		12.84		13.5	1
10	QPSK	25	12		12.77			
10	QPSK	25	25		12.73			
10	QPSK	50	0		12.90			
10	16QAM	1	0		12.81		13.5	1
10	16QAM	1	25		12.82			
10	16QAM	1	49		12.80			
10	16QAM	25	0		11.86		12.5	2
10	16QAM	25	12		11.83			
10	16QAM	25	25		11.83			
10	16QAM	50	0		11.81			
10	64QAM	1	0		11.81		12.5	2
10	64QAM	1	25		11.84			
10	64QAM	1	49		11.84			
10	64QAM	25	0		10.82		11.5	3
10	64QAM	25	12		10.78			
10	64QAM	25	25		10.84			
10	64QAM	50	0		10.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.81	13.82	13.79	14.5	0
5	QPSK	1	12	13.82	13.82	13.79		
5	QPSK	1	24	13.54	13.47	13.55		
5	QPSK	12	0	12.76	12.74	12.73	13.5	1
5	QPSK	12	7	12.71	12.68	12.69		
5	QPSK	12	13	12.64	12.67	12.64		
5	QPSK	25	0	12.81	12.85	12.87		
5	16QAM	1	0	12.80	12.75	12.80	13.5	1
5	16QAM	1	12	12.81	12.75	12.72		
5	16QAM	1	24	12.71	12.69	12.67		
5	16QAM	12	0	11.82	11.81	11.75	12.5	2
5	16QAM	12	7	11.71	11.72	11.79		
5	16QAM	12	13	11.70	11.79	11.82		
5	16QAM	25	0	11.79	11.76	11.77		
5	64QAM	1	0	11.72	11.68	11.73	12.5	2
5	64QAM	1	12	11.79	11.77	11.72		
5	64QAM	1	24	11.69	11.78	11.69		
5	64QAM	12	0	10.73	10.76	10.72	11.5	3
5	64QAM	12	7	10.70	10.76	10.72		
5	64QAM	12	13	10.77	10.76	10.75		
5	64QAM	25	0	10.75	10.73	10.73		

Band 66_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.31	22.28	22.22	24	0
20	QPSK	1	49	22.37	22.47	22.33		
20	QPSK	1	99	22.13	22.09	22.21		
20	QPSK	50	0	21.25	21.61	21.56	23	1
20	QPSK	50	24	21.32	21.57	21.51		
20	QPSK	50	50	21.31	21.46	21.42		
20	QPSK	100	0	21.24	21.5	21.46		
20	16QAM	1	0	21.69	21.98	21.82	23	1
20	16QAM	1	49	21.85	22.1	22.14		
20	16QAM	1	99	21.71	22.02	21.81		
20	16QAM	50	0	20.54	20.94	20.86	22	2
20	16QAM	50	24	20.62	20.83	20.78		
20	16QAM	50	50	20.56	20.72	20.7		
20	16QAM	100	0	20.49	20.78	20.78		
20	64QAM	1	0	20.66	20.83	20.78	22	2
20	64QAM	1	49	21.02	21.02	20.98		
20	64QAM	1	99	20.59	20.73	20.6		
20	64QAM	50	0	19.51	19.93	19.82	21	3
20	64QAM	50	24	19.6	19.84	19.75		
20	64QAM	50	50	19.57	19.68	19.67		
20	64QAM	100	0	19.51	19.8	19.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.32	22.31	22.2	24	0
15	QPSK	1	37	22.39	22.34	22.33		
15	QPSK	1	74	22.16	22.08	22.14		
15	QPSK	36	0	21.24	21.61	21.55	23	1
15	QPSK	36	20	21.34	21.54	21.5		
15	QPSK	36	39	21.31	21.45	21.44		
15	QPSK	75	0	21.23	21.5	21.5		
15	16QAM	1	0	21.73	21.97	21.83	23	1
15	16QAM	1	37	21.84	22.11	22.16		
15	16QAM	1	74	21.7	22	21.78		
15	16QAM	36	0	20.52	20.94	20.84	22	2
15	16QAM	36	20	20.58	20.85	20.75		
15	16QAM	36	39	20.55	20.69	20.7		
15	16QAM	75	0	20.52	20.8	20.77		
15	64QAM	1	0	20.62	20.84	20.82	22	2
15	64QAM	1	37	21	21.01	21		
15	64QAM	1	74	20.63	20.76	20.62		
15	64QAM	36	0	19.5	19.89	19.83	21	3
15	64QAM	36	20	19.57	19.86	19.76		
15	64QAM	36	39	19.56	19.7	19.64		
15	64QAM	75	0	19.49	19.78	19.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.3	22.3	22.2	24	0
10	QPSK	1	25	22.37	22.24	22.35		
10	QPSK	1	49	22.16	22.1	22.13		
10	QPSK	25	0	21.27	21.63	21.56	23	1
10	QPSK	25	12	21.32	21.57	21.48		
10	QPSK	25	25	21.27	21.46	21.42		
10	QPSK	50	0	21.22	21.5	21.48		
10	16QAM	1	0	21.7	21.98	21.85	23	1
10	16QAM	1	25	21.84	22.12	22.16		
10	16QAM	1	49	21.7	22.03	21.78		
10	16QAM	25	0	20.54	20.94	20.86	22	2
10	16QAM	25	12	20.61	20.86	20.78		
10	16QAM	25	25	20.55	20.69	20.66		
10	16QAM	50	0	20.49	20.77	20.75		
10	64QAM	1	0	20.62	20.85	20.82	22	2
10	64QAM	1	25	20.99	21.03	21.01		
10	64QAM	1	49	20.63	20.77	20.6		
10	64QAM	25	0	19.53	19.91	19.82	21	3
10	64QAM	25	12	19.61	19.85	19.75		
10	64QAM	25	25	19.57	19.69	19.65		
10	64QAM	50	0	19.52	19.8	19.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.31	22.29	22.22	24	0
5	QPSK	1	12	22.39	22.35	22.34		
5	QPSK	1	24	22.14	22.1	22.08		
5	QPSK	12	0	21.25	21.61	21.57	23	1
5	QPSK	12	7	21.35	21.54	21.52		
5	QPSK	12	13	21.3	21.46	21.42		
5	QPSK	25	0	21.25	21.5	21.5		
5	16QAM	1	0	21.41	21.69	21.56	23	1
5	16QAM	1	12	21.85	22.11	22.14		
5	16QAM	1	24	21.71	22.01	21.77		
5	16QAM	12	0	20.55	20.92	20.86	22	2
5	16QAM	12	7	20.59	20.85	20.78		
5	16QAM	12	13	20.55	20.69	20.66		
5	16QAM	25	0	20.49	20.8	20.76		
5	64QAM	1	0	20.63	20.82	20.8	22	2
5	64QAM	1	12	20.99	21.01	21		
5	64QAM	1	24	20.59	20.74	20.62		
5	64QAM	12	0	19.52	19.93	19.79	21	3
5	64QAM	12	7	19.58	19.85	19.74		
5	64QAM	12	13	19.58	19.7	19.68		
5	64QAM	25	0	19.49	19.82	19.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.32	22.28	22.19	24	0
3	QPSK	1	8	22.38	22.34	22.36		
3	QPSK	1	14	22.14	22.06	22.11		
3	QPSK	8	0	21.27	21.64	21.53	23	1
3	QPSK	8	4	21.35	21.58	21.52		
3	QPSK	8	7	21.29	21.43	21.44		
3	QPSK	15	0	21.24	21.5	21.49		
3	16QAM	1	0	21.7	21.95	21.83	23	1
3	16QAM	1	8	21.82	22.11	22.17		
3	16QAM	1	14	21.71	22.01	21.81		
3	16QAM	8	0	20.52	20.94	20.87	22	2
3	16QAM	8	4	20.62	20.84	20.74		
3	16QAM	8	7	20.54	20.68	20.67		
3	16QAM	15	0	20.49	20.81	20.76		
3	64QAM	1	0	20.63	20.83	20.78	22	2
3	64QAM	1	8	21.01	20.99	20.99		
3	64QAM	1	14	20.62	20.75	20.63		
3	64QAM	8	0	19.52	19.93	19.83	21	3
3	64QAM	8	4	19.58	19.85	19.73		
3	64QAM	8	7	19.56	19.7	19.66		
3	64QAM	15	0	19.51	19.82	19.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.32	22.32	22.18	24	0
1.4	QPSK	1	3	22.37	22.33	22.33		
1.4	QPSK	1	5	22.16	22.06	22.22		
1.4	QPSK	3	0	22.33	22.36	22.21		
1.4	QPSK	3	1	22.38	22.34	22.35		
1.4	QPSK	3	3	22.21	22.09	22.15		
1.4	QPSK	6	0	21.51	21.79	21.79	23	1
1.4	16QAM	1	0	21.7	21.97	21.82	23	1
1.4	16QAM	1	3	21.84	22.11	22.16		
1.4	16QAM	1	5	21.7	22.02	21.79		
1.4	16QAM	3	0	21.72	21.98	21.83		
1.4	16QAM	3	1	21.89	22.13	22.18		
1.4	16QAM	3	3	21.72	22.06	21.82		
1.4	16QAM	6	0	20.53	20.78	20.78	22	2
1.4	64QAM	1	0	20.65	20.85	20.78	22	2
1.4	64QAM	1	3	20.99	21.03	21		
1.4	64QAM	1	5	20.61	20.76	20.64		
1.4	64QAM	3	0	20.67	20.9	20.79		
1.4	64QAM	3	1	21.02	21.07	21.02		
1.4	64QAM	3	3	20.63	20.77	20.68		
1.4	64QAM	6	0	19.53	19.8	19.76	21	3

Reduced Power Mode for Hotspot on

<GSM Power_State1>

GSM850_Ant1	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	26.83	26.92	26.87	28.50	17.83	17.92	17.87	19.50
GPRS 1 Tx slot	26.80	26.91	26.87	28.50	17.80	17.91	17.87	19.50
GPRS 2 Tx slots	27.20	27.36	27.32	28.00	21.20	21.36	21.32	22.00
GPRS 3 Tx slots	25.24	25.37	25.31	26.50	20.98	21.11	21.05	22.24
GPRS 4 Tx slots	24.27	24.25	24.21	25.50	21.27	21.25	21.21	22.50
EDGE 1 Tx slot	22.41	22.29	22.30	23.00	13.41	13.29	13.30	14.00
EDGE 2 Tx slots	21.34	21.04	21.42	22.00	15.34	15.04	15.42	16.00
EDGE 3 Tx slots	19.34	19.11	19.26	19.50	15.08	14.85	15.00	15.24
EDGE 4 Tx slots	18.11	17.81	17.94	18.50	15.11	14.81	14.94	15.50

GSM850_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.14	28.10	27.97	30.00	19.14	19.10	18.97	21.00
GPRS 1 Tx slot	28.14	28.06	27.94	30.00	19.14	19.06	18.94	21.00
GPRS 2 Tx slots	28.70	28.59	28.50	29.00	22.70	22.59	22.50	23.00
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74
GPRS 4 Tx slots	25.86	25.72	25.59	26.00	22.86	22.72	22.59	23.00
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.55	17.74
EDGE 4 Tx slots	19.96	19.74	19.72	20.00	16.96	16.74	16.72	17.00

GSM1900_Ant1	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	22.84	22.80	22.85	24.00	13.84	13.80	13.85	15.00
GPRS 1 Tx slot	22.90	22.82	22.90	24.00	13.90	13.82	13.90	15.00
GPRS 2 Tx slots	22.42	22.38	22.35	23.50	16.42	16.38	16.35	17.50
GPRS 3 Tx slots	20.86	20.87	20.87	22.00	16.60	16.61	16.61	17.74
GPRS 4 Tx slots	19.81	19.77	19.84	21.00	16.81	16.77	16.84	18.00
EDGE 1 Tx slot	19.58	19.61	19.67	21.00	10.58	10.61	10.67	12.00
EDGE 2 Tx slots	18.78	18.75	18.67	20.00	12.78	12.75	12.67	14.00
EDGE 3 Tx slots	16.93	16.94	16.87	18.00	12.67	12.68	12.61	13.74
EDGE 4 Tx slots	15.78	15.87	15.81	17.00	12.78	12.87	12.81	14.00

GSM1900_Ant2	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	22.82	22.91	22.89	24.00	13.82	13.91	13.89	15.00
GPRS 1 Tx slot	22.86	22.90	22.92	24.00	13.86	13.90	13.92	15.00
GPRS 2 Tx slots	22.20	22.16	22.26	23.00	16.20	16.16	16.26	17.00
GPRS 3 Tx slots	20.91	20.90	20.99	21.00	16.65	16.64	16.73	16.74
GPRS 4 Tx slots	19.59	19.56	19.61	20.00	16.59	16.56	16.61	17.00
EDGE 1 Tx slot	20.45	20.38	20.44	21.00	11.45	11.38	11.44	12.00
EDGE 2 Tx slots	19.61	19.58	19.57	20.00	13.61	13.58	13.57	14.00
EDGE 3 Tx slots	17.74	17.70	17.68	18.00	13.48	13.44	13.42	13.74
EDGE 4 Tx slots	16.67	16.67	16.75	17.00	13.67	13.67	13.75	14.00

Band		WCDMA II_Ant1			Tune-up Limit (dBm)	WCDMA IV_Ant1			Tune-up Limit (dBm)	WCDMA V_Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.49	15.50	15.56	16.50	16.05	16.10	16.07	17.00	18.94	18.96	18.97	20.00
3GPP Rel 99	RMC 12.2Kbps	15.51	15.57	15.61	16.50	16.12	16.17	16.19	17.00	19.03	19.01	18.98	20.00
3GPP Rel 6	HSDPA Subtest-1	14.47	14.54	14.58	15.50	15.09	15.21	15.19	16.00	18.03	18.01	18.00	19.00
3GPP Rel 6	HSDPA Subtest-2	14.39	14.47	14.44	15.50	15.14	15.12	14.96	16.00	17.99	17.93	17.89	19.00
3GPP Rel 6	HSDPA Subtest-3	13.86	13.96	13.96	15.00	14.70	14.60	14.66	15.50	17.49	17.48	17.37	18.50
3GPP Rel 6	HSDPA Subtest-4	13.87	13.93	13.92	15.00	14.57	14.59	14.64	15.50	17.53	17.48	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.48	13.46	13.45	15.50	14.13	14.11	14.17	16.00	17.26	17.24	17.34	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.56	13.59	13.54	15.50	14.19	14.11	14.23	16.00	17.30	17.35	17.25	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.15	13.12	13.20	15.00	13.75	13.70	13.67	15.50	16.85	16.93	16.87	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.27	13.23	13.22	15.00	13.67	13.60	13.63	15.50	16.99	16.87	16.90	18.50
3GPP Rel 6	HSUPA Subtest-1	11.80	11.73	11.81	13.50	12.50	12.49	12.51	14.00	15.50	15.47	15.45	17.00
3GPP Rel 6	HSUPA Subtest-2	11.82	11.84	11.85	13.50	12.38	12.39	12.32	14.00	15.54	15.48	15.49	17.00
3GPP Rel 6	HSUPA Subtest-3	12.71	12.77	12.74	14.50	13.48	13.45	13.48	15.00	16.47	16.39	16.44	18.00
3GPP Rel 6	HSUPA Subtest-4	11.22	11.31	11.23	13.00	11.99	12.01	12.04	13.50	14.99	14.95	14.98	16.50
3GPP Rel 6	HSUPA Subtest-5	12.46	12.49	12.42	14.50	13.74	13.77	13.68	15.00	16.45	16.36	16.35	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.14	11.12	11.16	13.00	11.89	11.86	11.88	13.50	14.82	14.86	14.77	16.50

Band		WCDMA II_Ant2			Tune-up Limit (dBm)	WCDMA V_Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.89	16.85	16.81	18.00	20.23	20.18	20.15	21.00
3GPP Rel 99	RMC 12.2Kbps	16.93	16.89	16.94	18.00	20.28	20.26	20.22	21.00
3GPP Rel 6	HSDPA Subtest-1	15.94	15.93	15.89	17.00	19.27	19.30	19.33	20.00
3GPP Rel 6	HSDPA Subtest-2	15.89	15.81	15.73	17.00	19.34	19.30	19.19	20.00
3GPP Rel 6	HSDPA Subtest-3	15.41	15.29	15.32	16.50	18.82	18.84	18.68	19.50
3GPP Rel 6	HSDPA Subtest-4	15.39	15.29	15.36	16.50	18.80	18.85	18.68	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.20	15.23	15.18	17.00	18.26	18.23	18.29	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.16	15.18	15.09	17.00	18.26	18.30	18.28	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.66	14.60	14.69	16.50	17.90	17.86	17.86	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.56	14.50	14.57	16.50	17.88	17.82	17.88	19.50
3GPP Rel 6	HSUPA Subtest-1	13.17	13.17	13.22	15.00	16.45	16.48	16.38	18.00
3GPP Rel 6	HSUPA Subtest-2	13.24	13.29	13.17	15.00	16.51	16.48	16.44	18.00
3GPP Rel 6	HSUPA Subtest-3	14.23	14.23	14.27	16.00	17.39	17.41	17.46	19.00
3GPP Rel 6	HSUPA Subtest-4	12.73	12.65	12.71	14.50	15.89	15.97	15.97	17.50
3GPP Rel 6	HSUPA Subtest-5	14.11	14.12	14.16	16.00	17.34	17.29	17.35	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.59	12.55	12.65	14.50	15.84	15.86	15.89	17.50

Band 2_Ant1

BW [MHz]	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	15.97	15.99	15.96	17	0
20	QPSK	1	49	16.05	16.06	16.04		
20	QPSK	1	99	16.04	16.00	16.01		
20	QPSK	50	0	15.00	15.08	15.03	16	1
20	QPSK	50	24	14.92	14.99	14.99		
20	QPSK	50	50	14.99	15.03	14.97		
20	QPSK	100	0	14.94	15.01	14.97		
20	16QAM	1	0	15.29	15.39	15.38	16	1
20	16QAM	1	49	15.29	15.40	15.38		
20	16QAM	1	99	15.33	15.35	15.27		
20	16QAM	50	0	14.06	14.08	14.01	15	2
20	16QAM	50	24	13.92	14.05	13.94		
20	16QAM	50	50	13.95	14.02	13.97		
20	16QAM	100	0	13.87	13.98	13.87		
20	64QAM	1	0	14.00	14.04	13.93	15	2
20	64QAM	1	49	14.23	14.28	14.23		
20	64QAM	1	99	13.98	14.03	13.97		
20	64QAM	50	0	12.99	13.06	12.96	14	3
20	64QAM	50	24	12.89	13.00	12.96		
20	64QAM	50	50	12.98	13.01	12.90		
20	64QAM	100	0	12.84	12.96	12.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.90	15.86	15.96	17	0
15	QPSK	1	37	15.98	15.94	16.03		
15	QPSK	1	74	15.93	15.93	15.96		
15	QPSK	36	0	14.95	15.01	14.97	16	1
15	QPSK	36	20	14.86	14.88	14.95		
15	QPSK	36	39	14.92	14.95	15.02		
15	QPSK	75	0	15.00	14.91	14.98		
15	16QAM	1	0	15.34	15.33	15.34	16	1
15	16QAM	1	37	15.37	15.36	15.31		
15	16QAM	1	74	15.29	15.24	15.30		
15	16QAM	36	0	14.01	14.01	14.00	15	2
15	16QAM	36	20	14.00	14.04	13.95		
15	16QAM	36	39	13.98	13.94	13.96		
15	16QAM	75	0	13.93	13.97	13.89		
15	64QAM	1	0	13.91	14.00	13.94	15	2
15	64QAM	1	37	14.14	14.20	14.27		
15	64QAM	1	74	13.99	13.92	13.93		
15	64QAM	36	0	12.99	12.98	12.99	14	3
15	64QAM	36	20	12.90	12.90	12.97		
15	64QAM	36	39	12.93	12.95	12.97		
15	64QAM	75	0	12.91	12.94	12.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.95	15.94	15.97	17	0
10	QPSK	1	25	15.95	15.97	15.97		
10	QPSK	1	49	15.91	15.95	15.92		
10	QPSK	25	0	14.98	15.03	15.02	16	1
10	QPSK	25	12	14.96	14.90	14.98		
10	QPSK	25	25	14.92	14.94	14.90		
10	QPSK	50	0	14.95	14.97	14.92		
10	16QAM	1	0	15.38	15.35	15.37	16	1
10	16QAM	1	25	15.33	15.38	15.35		
10	16QAM	1	49	15.27	15.30	15.32		
10	16QAM	25	0	14.02	14.03	14.07	15	2
10	16QAM	25	12	13.99	13.98	13.96		
10	16QAM	25	25	14.01	13.95	14.01		
10	16QAM	50	0	13.88	13.89	13.90		
10	64QAM	1	0	14.03	13.97	13.95	15	2
10	64QAM	1	25	14.24	14.16	14.27		
10	64QAM	1	49	13.97	13.96	14.00		
10	64QAM	25	0	13.01	13.00	13.04	14	3
10	64QAM	25	12	12.97	12.90	12.99		
10	64QAM	25	25	12.97	13.00	12.95		
10	64QAM	50	0	12.90	12.89	12.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.96	15.97	15.91	17	0
5	QPSK	1	12	16.05	16.02	15.93		
5	QPSK	1	24	15.88	15.91	15.95		
5	QPSK	12	0	14.99	14.95	14.98	16	1
5	QPSK	12	7	14.96	14.86	14.88		
5	QPSK	12	13	14.91	14.95	14.95		
5	QPSK	25	0	14.99	14.93	14.95		
5	16QAM	1	0	15.31	15.35	15.34	16	1
5	16QAM	1	12	15.37	15.38	15.27		
5	16QAM	1	24	15.32	15.34	15.25		
5	16QAM	12	0	14.04	14.00	14.04	15	2
5	16QAM	12	7	13.93	13.96	13.94		
5	16QAM	12	13	13.97	13.94	13.92		
5	16QAM	25	0	13.88	13.92	13.91		
5	64QAM	1	0	13.89	13.93	13.91	15	2
5	64QAM	1	12	14.17	14.19	14.15		
5	64QAM	1	24	13.90	13.93	13.92		
5	64QAM	12	0	13.04	12.97	12.99	14	3
5	64QAM	12	7	12.94	12.94	12.90		
5	64QAM	12	13	12.99	12.92	12.98		
5	64QAM	25	0	12.95	12.89	12.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.97	15.94	15.96	17	0
3	QPSK	1	8	15.97	15.93	15.98		
3	QPSK	1	14	15.95	15.88	15.93		
3	QPSK	8	0	15.06	14.96	14.99	16	1
3	QPSK	8	4	14.90	14.93	14.94		
3	QPSK	8	7	14.97	14.97	14.94		
3	QPSK	15	0	14.89	14.96	14.97		
3	16QAM	1	0	15.35	15.37	15.34	16	1
3	16QAM	1	8	15.27	15.35	15.28		
3	16QAM	1	14	15.31	15.27	15.23		
3	16QAM	8	0	13.95	14.00	14.02	15	2
3	16QAM	8	4	14.00	13.96	13.97		
3	16QAM	8	7	14.00	13.99	13.97		
3	16QAM	15	0	13.86	13.96	13.85		
3	64QAM	1	0	14.01	13.92	13.91	15	2
3	64QAM	1	8	14.17	14.26	14.14		
3	64QAM	1	14	13.88	13.89	14.01		
3	64QAM	8	0	13.04	13.05	12.99	14	3
3	64QAM	8	4	12.99	12.90	12.92		
3	64QAM	8	7	12.98	12.92	13.00		
3	64QAM	15	0	12.90	12.86	12.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.95	15.90	15.86	17	0
1.4	QPSK	1	3	15.93	16.00	16.03		
1.4	QPSK	1	5	15.92	15.90	15.99		
1.4	QPSK	3	0	15.86	15.76	15.84		
1.4	QPSK	3	1	15.67	15.78	15.73		
1.4	QPSK	3	3	15.71	15.71	15.74		
1.4	QPSK	6	0	14.95	14.93	14.99	16	1
1.4	16QAM	1	0	15.34	15.26	15.32	16	1
1.4	16QAM	1	3	15.29	15.35	15.39		
1.4	16QAM	1	5	15.30	15.29	15.28		
1.4	16QAM	3	0	14.99	14.97	14.96		
1.4	16QAM	3	1	14.97	14.99	15.02		
1.4	16QAM	3	3	14.89	14.96	15.01		
1.4	16QAM	6	0	13.90	13.94	13.95	15	2
1.4	64QAM	1	0	14.01	13.90	13.90	15	2
1.4	64QAM	1	3	14.13	14.19	14.24		
1.4	64QAM	1	5	14.02	14.00	14.02		
1.4	64QAM	3	0	13.96	14.05	13.99		
1.4	64QAM	3	1	13.98	13.97	13.93		
1.4	64QAM	3	3	13.91	13.96	13.92		
1.4	64QAM	6	0	12.89	12.89	12.94	14	3

Band 2_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.26	17.28	17.17	18	0
20	QPSK	1	49	17.30	17.31	17.26		
20	QPSK	1	99	17.23	17.26	17.18		
20	QPSK	50	0	16.36	16.39	16.23	17	1
20	QPSK	50	24	16.34	16.34	16.19		
20	QPSK	50	50	16.30	16.38	16.22		
20	QPSK	100	0	16.32	16.36	16.19		
20	16QAM	1	0	16.22	16.38	16.05	17	1
20	16QAM	1	49	16.24	16.23	16.27		
20	16QAM	1	99	16.42	16.19	16.44		
20	16QAM	50	0	15.46	15.40	15.07	16	2
20	16QAM	50	24	15.31	15.28	15.10		
20	16QAM	50	50	15.29	15.09	14.98		
20	16QAM	100	0	15.36	15.22	15.06		
20	64QAM	1	0	15.41	15.36	15.20	16	2
20	64QAM	1	49	15.25	15.44	15.35		
20	64QAM	1	99	15.20	15.01	15.05		
20	64QAM	50	0	14.20	14.33	14.10	15	3
20	64QAM	50	24	14.22	14.18	14.06		
20	64QAM	50	50	14.21	14.05	14.10		
20	64QAM	100	0	14.39	14.17	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.23	17.23	17.26	18	0
15	QPSK	1	37	17.28	17.21	17.29		
15	QPSK	1	74	17.21	17.15	17.22		
15	QPSK	36	0	16.38	16.30	16.31	17	1
15	QPSK	36	20	16.30	16.30	16.26		
15	QPSK	36	39	16.33	16.31	16.34		
15	QPSK	75	0	16.32	16.24	16.27		
15	16QAM	1	0	16.27	16.26	16.29	17	1
15	16QAM	1	37	16.15	16.22	16.17		
15	16QAM	1	74	16.11	16.15	16.06		
15	16QAM	36	0	15.32	15.33	15.29	16	2
15	16QAM	36	20	15.16	15.24	15.23		
15	16QAM	36	39	14.97	14.96	14.97		
15	16QAM	75	0	15.12	15.21	15.16		
15	64QAM	1	0	15.35	15.29	15.23	16	2
15	64QAM	1	37	15.32	15.35	15.39		
15	64QAM	1	74	14.92	14.99	14.99		
15	64QAM	36	0	14.26	14.27	14.29	15	3
15	64QAM	36	20	14.15	14.16	14.15		
15	64QAM	36	39	13.95	13.95	14.03		
15	64QAM	75	0	14.11	14.13	14.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.24	17.24	17.24	18	0
10	QPSK	1	25	17.20	17.23	17.18		
10	QPSK	1	49	17.21	17.13	17.17		
10	QPSK	25	0	16.27	16.30	16.34	17	1
10	QPSK	25	12	16.28	16.31	16.23		
10	QPSK	25	25	16.26	16.32	16.37		
10	QPSK	50	0	16.33	16.35	16.27		
10	16QAM	1	0	16.26	16.33	16.37	17	1
10	16QAM	1	25	16.12	16.16	16.18		
10	16QAM	1	49	16.09	16.16	16.15		
10	16QAM	25	0	15.28	15.27	15.33	16	2
10	16QAM	25	12	15.25	15.18	15.20		
10	16QAM	25	25	14.98	15.01	15.08		
10	16QAM	50	0	15.18	15.18	15.18		
10	64QAM	1	0	15.33	15.22	15.34	16	2
10	64QAM	1	25	15.36	15.43	15.41		
10	64QAM	1	49	15.01	14.96	15.03		
10	64QAM	25	0	14.29	14.23	14.23	15	3
10	64QAM	25	12	14.16	14.15	14.13		
10	64QAM	25	25	14.00	13.98	13.97		
10	64QAM	50	0	14.16	14.14	14.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.24	17.21	17.24	18	0
5	QPSK	1	12	17.21	17.18	17.20		
5	QPSK	1	24	17.24	17.15	17.16		
5	QPSK	12	0	16.31	16.33	16.31	17	1
5	QPSK	12	7	16.25	16.32	16.24		
5	QPSK	12	13	16.33	16.32	16.27		
5	QPSK	25	0	16.31	16.33	16.25		
5	16QAM	1	0	16.29	16.34	16.31	17	1
5	16QAM	1	12	16.12	16.14	16.14		
5	16QAM	1	24	16.16	16.15	16.08		
5	16QAM	12	0	15.32	15.37	15.27	16	2
5	16QAM	12	7	15.25	15.25	15.26		
5	16QAM	12	13	15.00	15.02	15.05		
5	16QAM	25	0	15.18	15.21	15.21		
5	64QAM	1	0	15.26	15.25	15.28	16	2
5	64QAM	1	12	15.36	15.36	15.29		
5	64QAM	1	24	14.93	14.99	14.93		
5	64QAM	12	0	14.26	14.24	14.23	15	3
5	64QAM	12	7	14.16	14.15	14.11		
5	64QAM	12	13	13.95	13.99	13.95		
5	64QAM	25	0	14.09	14.12	14.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.23	17.25	17.19	18	0
3	QPSK	1	8	17.23	17.26	17.19		
3	QPSK	1	14	17.23	17.25	17.13		
3	QPSK	8	0	16.30	16.32	16.36	17	1
3	QPSK	8	4	16.21	16.32	16.30		
3	QPSK	8	7	16.27	16.31	16.25		
3	QPSK	15	0	16.34	16.34	16.25		
3	16QAM	1	0	16.28	16.29	16.26	17	1
3	16QAM	1	8	16.16	16.22	16.19		
3	16QAM	1	14	16.18	16.09	16.18		
3	16QAM	8	0	15.36	15.28	15.32	16	2
3	16QAM	8	4	15.27	15.15	15.27		
3	16QAM	8	7	15.08	14.97	15.08		
3	16QAM	15	0	15.09	15.10	15.21		
3	64QAM	1	0	15.22	15.24	15.32	16	2
3	64QAM	1	8	15.39	15.29	15.33		
3	64QAM	1	14	14.98	14.93	14.99		
3	64QAM	8	0	14.24	14.27	14.28	15	3
3	64QAM	8	4	14.09	14.15	14.10		
3	64QAM	8	7	14.02	14.02	14.02		
3	64QAM	15	0	14.14	14.08	14.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.15	17.25	17.27	18	0
1.4	QPSK	1	3	17.23	17.26	17.19		
1.4	QPSK	1	5	17.16	17.16	17.21		
1.4	QPSK	3	0	16.99	17.02	17.00		
1.4	QPSK	3	1	17.00	16.99	16.93		
1.4	QPSK	3	3	17.05	17.06	17.05		
1.4	QPSK	6	0	16.25	16.35	16.31	17	1
1.4	16QAM	1	0	16.32	16.37	16.32	17	1
1.4	16QAM	1	3	16.10	16.10	16.10		
1.4	16QAM	1	5	16.11	16.09	16.13		
1.4	16QAM	3	0	16.27	16.35	16.31		
1.4	16QAM	3	1	16.27	16.17	16.25		
1.4	16QAM	3	3	16.07	16.04	15.96		
1.4	16QAM	6	0	15.18	15.19	15.12	16	2
1.4	64QAM	1	0	15.03	15.11	15.02	16	2
1.4	64QAM	1	3	15.05	15.09	15.09		
1.4	64QAM	1	5	15.42	15.43	15.40		
1.4	64QAM	3	0	15.31	15.26	15.31		
1.4	64QAM	3	1	15.12	15.12	15.16		
1.4	64QAM	3	3	15.01	15.04	14.99		
1.4	64QAM	6	0	14.10	14.10	14.08	15	3

Band 4_Ant1

BW [MHz]	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	16.98	16.96	17.08	18	0
20	QPSK	1	49	17.26	17.27	17.17		
20	QPSK	1	99	16.79	16.94	16.77		
20	QPSK	50	0	16.11	16.32	16.20	17	1
20	QPSK	50	24	16.27	16.24	16.08		
20	QPSK	50	50	16.11	16.03	15.94		
20	QPSK	100	0	16.12	16.13	16.07		
20	16QAM	1	0	16.61	16.65	16.62	17	1
20	16QAM	1	49	16.58	16.60	16.57		
20	16QAM	1	99	16.60	16.61	16.58		
20	16QAM	50	0	15.19	15.35	15.24	16	2
20	16QAM	50	24	15.23	15.14	15.22		
20	16QAM	50	50	15.12	15.05	15.05		
20	16QAM	100	0	15.20	15.18	15.10		
20	64QAM	1	0	15.04	15.11	15.11	16	2
20	64QAM	1	49	14.95	15.08	15.08		
20	64QAM	1	99	15.02	15.10	15.10		
20	64QAM	50	0	14.28	14.33	14.25	15	3
20	64QAM	50	24	14.22	14.16	14.12		
20	64QAM	50	50	14.18	14.14	13.98		
20	64QAM	100	0	14.15	14.16	14.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.87	16.87	16.88	18	0
15	QPSK	1	37	17.18	17.14	17.15		
15	QPSK	1	74	16.85	16.84	16.83		
15	QPSK	36	0	16.27	16.30	16.31	17	1
15	QPSK	36	20	16.22	16.20	16.13		
15	QPSK	36	39	15.90	15.97	15.96		
15	QPSK	75	0	16.06	16.09	16.06		
15	16QAM	1	0	16.61	16.55	16.60	17	1
15	16QAM	1	37	16.48	16.54	16.48		
15	16QAM	1	74	16.48	16.54	16.48		
15	16QAM	36	0	15.34	15.33	15.23	16	2
15	16QAM	36	20	15.05	15.11	15.04		
15	16QAM	36	39	14.93	14.97	14.95		
15	16QAM	75	0	15.10	15.16	15.08		
15	64QAM	1	0	15.01	15.06	14.99	16	2
15	64QAM	1	37	15.03	15.04	14.95		
15	64QAM	1	74	14.96	14.95	15.07		
15	64QAM	36	0	14.28	14.31	14.27	15	3
15	64QAM	36	20	14.09	14.09	14.14		
15	64QAM	36	39	14.10	14.13	14.04		
15	64QAM	75	0	14.15	14.09	14.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.86	16.94	16.90	18	0
10	QPSK	1	25	17.20	17.20	17.18		
10	QPSK	1	49	16.83	16.92	16.83		
10	QPSK	25	0	16.20	16.21	16.24	17	1
10	QPSK	25	12	16.23	16.22	16.15		
10	QPSK	25	25	15.90	15.92	15.91		
10	QPSK	50	0	16.04	16.05	16.03		
10	16QAM	1	0	16.55	16.63	16.58	17	1
10	16QAM	1	25	16.51	16.58	16.49		
10	16QAM	1	49	16.58	16.58	16.58		
10	16QAM	25	0	15.29	15.34	15.31	16	2
10	16QAM	25	12	15.06	15.01	15.12		
10	16QAM	25	25	15.01	14.93	14.92		
10	16QAM	50	0	15.09	15.14	15.09		
10	64QAM	1	0	14.99	14.99	15.09	16	2
10	64QAM	1	25	15.04	15.00	15.06		
10	64QAM	1	49	15.02	15.08	15.04		
10	64QAM	25	0	14.32	14.27	14.25	15	3
10	64QAM	25	12	14.10	14.15	14.06		
10	64QAM	25	25	14.10	14.11	14.11		
10	64QAM	50	0	14.08	14.12	14.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.90	16.95	16.90	18	0
5	QPSK	1	12	17.14	17.15	17.16		
5	QPSK	1	24	16.84	16.91	16.87		
5	QPSK	12	0	16.23	16.28	16.29	17	1
5	QPSK	12	7	16.17	16.12	16.17		
5	QPSK	12	13	15.93	16.02	15.96		
5	QPSK	25	0	16.01	16.11	16.00		
5	16QAM	1	0	16.61	16.52	16.57	17	1
5	16QAM	1	12	16.59	16.55	16.49		
5	16QAM	1	24	16.57	16.57	16.56		
5	16QAM	12	0	15.29	15.29	15.22	16	2
5	16QAM	12	7	15.13	15.01	15.10		
5	16QAM	12	13	14.95	14.92	14.95		
5	16QAM	25	0	15.07	15.07	15.13		
5	64QAM	1	0	15.00	14.97	15.04	16	2
5	64QAM	1	12	14.95	15.05	14.95		
5	64QAM	1	24	15.07	14.96	15.01		
5	64QAM	12	0	14.23	14.32	14.29	15	3
5	64QAM	12	7	14.11	14.15	14.14		
5	64QAM	12	13	14.13	14.13	14.04		
5	64QAM	25	0	14.13	14.13	14.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.92	16.90	16.94	18	0
3	QPSK	1	8	17.17	17.15	17.16		
3	QPSK	1	14	16.92	16.88	16.91		
3	QPSK	8	0	16.26	16.22	16.24	17	1
3	QPSK	8	4	16.18	16.13	16.21		
3	QPSK	8	7	15.92	15.97	16.01		
3	QPSK	15	0	16.08	16.05	16.10		
3	16QAM	1	0	16.56	16.60	16.62	17	1
3	16QAM	1	8	16.53	16.52	16.59		
3	16QAM	1	14	16.50	16.51	16.51		
3	16QAM	8	0	15.32	15.25	15.26	16	2
3	16QAM	8	4	15.03	15.07	15.05		
3	16QAM	8	7	15.00	15.00	14.98		
3	16QAM	15	0	15.17	15.05	15.11		
3	64QAM	1	0	15.02	15.10	15.07	16	2
3	64QAM	1	8	15.06	14.95	15.04		
3	64QAM	1	14	15.04	15.09	15.00		
3	64QAM	8	0	14.28	14.24	14.23	15	3
3	64QAM	8	4	14.10	14.14	14.13		
3	64QAM	8	7	14.04	14.05	14.13		
3	64QAM	15	0	14.06	14.11	14.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.86	16.88	16.92	18	0
1.4	QPSK	1	3	17.15	17.21	17.21		
1.4	QPSK	1	5	16.81	16.90	16.84		
1.4	QPSK	3	0	16.97	16.91	16.91		
1.4	QPSK	3	1	16.81	16.87	16.82		
1.4	QPSK	3	3	16.70	16.69	16.72		
1.4	QPSK	6	0	16.03	16.10	16.00	17	1
1.4	16QAM	1	0	16.63	16.64	16.56	13	1
1.4	16QAM	1	3	16.57	16.49	16.58		
1.4	16QAM	1	5	16.52	16.56	16.59		
1.4	16QAM	3	0	16.04	15.95	16.02		
1.4	16QAM	3	1	15.81	15.73	15.79		
1.4	16QAM	3	3	15.62	15.66	15.71		
1.4	16QAM	6	0	15.17	15.08	15.17	16	2
1.4	64QAM	1	0	15.05	15.09	15.07	16	2
1.4	64QAM	1	3	14.95	14.97	15.05		
1.4	64QAM	1	5	15.02	14.96	15.04		
1.4	64QAM	3	0	14.96	15.01	15.02		
1.4	64QAM	3	1	14.79	14.83	14.76		
1.4	64QAM	3	3	14.80	14.78	14.76		
1.4	64QAM	6	0	14.10	14.14	14.10	15	3

Band 5_Ant1

BW [MHz]	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	19.24	19.35	19.34	20.5	0
10	QPSK	1	25	19.33	19.43	19.35		
10	QPSK	1	49	19.27	19.42	19.31		
10	QPSK	25	0	18.39	18.48	18.41	19.5	1
10	QPSK	25	12	18.30	18.39	18.34		
10	QPSK	25	25	18.38	18.43	18.32		
10	QPSK	50	0	18.36	18.39	18.38		
10	16QAM	1	0	18.50	18.61	18.51	19.5	1
10	16QAM	1	25	18.62	18.65	18.63		
10	16QAM	1	49	18.71	18.84	18.73		
10	16QAM	25	0	17.39	17.46	17.35	18.5	2
10	16QAM	25	12	17.30	17.39	17.32		
10	16QAM	25	25	17.29	17.32	17.24		
10	16QAM	50	0	17.31	17.41	17.28		
10	64QAM	1	0	17.71	17.74	17.60	18.5	2
10	64QAM	1	25	17.62	17.69	17.68		
10	64QAM	1	49	17.51	17.59	17.45		
10	64QAM	25	0	16.44	16.46	16.38	17.5	3
10	64QAM	25	12	16.36	16.37	16.33		
10	64QAM	25	25	16.37	16.45	16.44		
10	64QAM	50	0	16.40	16.45	16.40		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.22	19.22	19.23	20.5	0
5	QPSK	1	12	19.39	19.32	19.41		
5	QPSK	1	24	19.39	19.38	19.38		
5	QPSK	12	0	18.40	18.40	18.47	19.5	1
5	QPSK	12	7	18.35	18.28	18.32		
5	QPSK	12	13	18.40	18.30	18.36		
5	QPSK	25	0	18.28	18.31	18.28		
5	16QAM	1	0	18.60	18.56	18.52	19.5	1
5	16QAM	1	12	18.56	18.61	18.62		
5	16QAM	1	24	18.74	18.80	18.76		
5	16QAM	12	0	17.43	17.36	17.33	18.5	2
5	16QAM	12	7	17.33	17.35	17.27		
5	16QAM	12	13	17.27	17.23	17.25		
5	16QAM	25	0	17.38	17.35	17.40		
5	64QAM	1	0	17.71	17.73	17.66	18.5	2
5	64QAM	1	12	17.57	17.59	17.55		
5	64QAM	1	24	17.58	17.45	17.48		
5	64QAM	12	0	16.41	16.38	16.39	17.5	3
5	64QAM	12	7	16.34	16.28	16.31		
5	64QAM	12	13	16.43	16.38	16.39		
5	64QAM	25	0	16.44	16.37	16.44		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.34	19.23	19.31	20.5	0
3	QPSK	1	8	19.35	19.35	19.35		
3	QPSK	1	14	19.32	19.34	19.33		
3	QPSK	8	0	18.35	18.37	18.45	19.5	1
3	QPSK	8	4	18.33	18.35	18.26		
3	QPSK	8	7	18.32	18.35	18.36		
3	QPSK	15	0	18.26	18.37	18.29		
3	16QAM	1	0	18.49	18.60	18.60	19.5	1
3	16QAM	1	8	18.61	18.61	18.58		
3	16QAM	1	14	18.72	18.71	18.82		
3	16QAM	8	0	17.41	17.39	17.39	18.5	2
3	16QAM	8	4	17.33	17.35	17.33		
3	16QAM	8	7	17.21	17.19	17.19		
3	16QAM	15	0	17.39	17.40	17.35		
3	64QAM	1	0	17.70	17.62	17.68	18.5	2
3	64QAM	1	8	17.57	17.59	17.56		
3	64QAM	1	14	17.49	17.58	17.48		
3	64QAM	8	0	16.40	16.38	16.40	17.5	3
3	64QAM	8	4	16.31	16.33	16.28		
3	64QAM	8	7	16.38	16.37	16.44		
3	64QAM	15	0	16.41	16.39	16.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.29	19.26	19.29	20.5	0
1.4	QPSK	1	3	19.38	19.30	19.35		
1.4	QPSK	1	5	19.33	19.32	19.33		
1.4	QPSK	3	0	19.19	19.14	19.09		
1.4	QPSK	3	1	19.05	19.07	19.09		
1.4	QPSK	3	3	19.04	19.09	19.14		
1.4	QPSK	6	0	18.38	18.36	18.38	19.5	1
1.4	16QAM	1	0	18.59	18.50	18.48	19.5	1
1.4	16QAM	1	3	18.58	18.57	18.63		
1.4	16QAM	1	5	18.79	18.76	18.80		
1.4	16QAM	3	0	18.12	18.17	18.14		
1.4	16QAM	3	1	17.99	18.09	18.03		
1.4	16QAM	3	3	18.00	17.99	17.97		
1.4	16QAM	6	0	17.40	17.28	17.38	18.5	2
1.4	64QAM	1	0	17.67	17.73	17.60	18.5	2
1.4	64QAM	1	3	17.65	17.66	17.60		
1.4	64QAM	1	5	17.51	17.45	17.50		
1.4	64QAM	3	0	17.14	17.12	17.08		
1.4	64QAM	3	1	17.03	17.04	17.08		
1.4	64QAM	3	3	17.11	17.09	17.11		
1.4	64QAM	6	0	16.35	16.35	16.38	17.5	3

Band 5_Ant2

BW [MHz]	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	20.05	20.11	20.11	21	0
10	QPSK	1	25	20.12	20.21	20.13		
10	QPSK	1	49	20.07	20.12	20.09		
10	QPSK	25	0	19.02	19.13	19.00	20	1
10	QPSK	25	12	18.94	19.11	18.97		
10	QPSK	25	25	18.94	19.07	18.99		
10	QPSK	50	0	19.11	19.17	19.07		
10	16QAM	1	0	19.04	19.05	18.97	20	1
10	16QAM	1	25	19.01	19.02	18.92		
10	16QAM	1	49	18.96	18.96	18.94		
10	16QAM	25	0	18.21	18.29	18.27	19	2
10	16QAM	25	12	18.23	18.28	18.15		
10	16QAM	25	25	17.99	18.09	18.04		
10	16QAM	50	0	18.22	18.27	18.15		
10	64QAM	1	0	17.82	17.95	17.82	19	2
10	64QAM	1	25	17.73	17.91	17.76		
10	64QAM	1	49	17.78	17.86	17.76		
10	64QAM	25	0	17.25	17.26	17.16	18	3
10	64QAM	25	12	17.10	17.19	17.16		
10	64QAM	25	25	17.15	17.16	17.09		
10	64QAM	50	0	17.10	17.18	17.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.02	20.07	20.07	21	0
5	QPSK	1	12	20.11	20.12	20.09		
5	QPSK	1	24	20.03	20.08	20.11		
5	QPSK	12	0	19.02	19.05	19.10	20	1
5	QPSK	12	7	19.03	19.10	19.00		
5	QPSK	12	13	19.01	19.04	19.03		
5	QPSK	25	0	19.13	19.16	19.13		
5	16QAM	1	0	19.02	18.93	18.92	20	1
5	16QAM	1	12	18.97	19.01	18.93		
5	16QAM	1	24	18.90	18.95	18.92		
5	16QAM	12	0	18.20	18.26	18.26	19	2
5	16QAM	12	7	18.25	18.23	18.17		
5	16QAM	12	13	18.03	17.97	18.02		
5	16QAM	25	0	18.14	18.14	18.14		
5	64QAM	1	0	17.80	17.89	17.85	19	2
5	64QAM	1	12	17.86	17.83	17.86		
5	64QAM	1	24	17.74	17.83	17.78		
5	64QAM	12	0	17.20	17.17	17.25	18	3
5	64QAM	12	7	17.12	17.14	17.12		
5	64QAM	12	13	17.15	17.15	17.09		
5	64QAM	25	0	17.12	17.10	17.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.05	20.07	19.99	21	0
3	QPSK	1	8	20.12	20.08	20.19		
3	QPSK	1	14	20.10	20.08	20.08		
3	QPSK	8	0	19.04	19.06	19.00	20	1
3	QPSK	8	4	19.03	19.05	18.98		
3	QPSK	8	7	18.96	19.05	18.96		
3	QPSK	15	0	19.05	19.11	19.16		
3	16QAM	1	0	18.98	19.01	19.00	20	1
3	16QAM	1	8	18.95	18.94	19.01		
3	16QAM	1	14	18.87	18.86	18.95		
3	16QAM	8	0	18.20	18.28	18.23	19	2
3	16QAM	8	4	18.20	18.17	18.16		
3	16QAM	8	7	18.02	18.04	18.08		
3	16QAM	15	0	18.18	18.26	18.17		
3	64QAM	1	0	17.80	17.86	17.80	19	2
3	64QAM	1	8	17.88	17.76	17.79		
3	64QAM	1	14	17.79	17.82	17.77		
3	64QAM	8	0	17.20	17.25	17.16	18	3
3	64QAM	8	4	17.13	17.11	17.09		
3	64QAM	8	7	17.06	17.09	17.07		
3	64QAM	15	0	17.09	17.10	17.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.01	20.06	20.03	21	0
1.4	QPSK	1	3	20.07	20.13	20.08		
1.4	QPSK	1	5	20.08	20.11	20.07		
1.4	QPSK	3	0	19.09	19.06	19.10		
1.4	QPSK	3	1	19.08	19.03	19.03		
1.4	QPSK	3	3	19.04	19.03	19.01		
1.4	QPSK	6	0	19.04	19.06	19.05	20	1
1.4	16QAM	1	0	18.92	18.95	18.96	20	1
1.4	16QAM	1	3	18.99	18.98	18.93		
1.4	16QAM	1	5	18.83	18.93	18.90		
1.4	16QAM	3	0	18.27	18.26	18.23		
1.4	16QAM	3	1	18.27	18.19	18.27		
1.4	16QAM	3	3	18.07	18.00	18.08		
1.4	16QAM	6	0	18.25	18.17	18.23	19	2
1.4	64QAM	1	0	17.80	17.83	17.82	19	2
1.4	64QAM	1	3	17.86	17.90	17.79		
1.4	64QAM	1	5	17.85	17.85	17.79		
1.4	64QAM	3	0	17.16	17.25	17.21		
1.4	64QAM	3	1	17.11	17.14	17.09		
1.4	64QAM	3	3	17.09	17.09	17.12		
1.4	64QAM	6	0	17.08	17.17	17.11	18	3

Band 12_Ant1

BW [MHz]	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	21.56	21.71	21.50	23	0
10	QPSK	1	25	21.61	21.74	21.53		
10	QPSK	1	49	21.60	21.65	21.48		
10	QPSK	25	0	20.52	20.63	20.56	22	1
10	QPSK	25	12	20.48	20.54	20.52		
10	QPSK	25	25	20.49	20.55	20.54		
10	QPSK	50	0	20.44	20.61	20.54		
10	16QAM	1	0	21.12	21.14	20.73	22	1
10	16QAM	1	25	21.07	21.14	20.78		
10	16QAM	1	49	21.08	21.13	20.73		
10	16QAM	25	0	19.56	19.64	19.63	21	2
10	16QAM	25	12	19.77	19.64	19.60		
10	16QAM	25	25	19.65	19.59	19.56		
10	16QAM	50	0	19.70	19.65	19.59		
10	64QAM	1	0	19.71	19.75	19.96	21	2
10	64QAM	1	25	19.64	19.70	19.90		
10	64QAM	1	49	19.64	19.72	19.91		
10	64QAM	25	0	18.65	18.59	18.63	20	3
10	64QAM	25	12	18.59	18.64	18.58		
10	64QAM	25	25	18.55	18.71	18.55		
10	64QAM	50	0	18.62	18.57	18.62		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.69	21.61	21.69	23	0
5	QPSK	1	12	21.66	21.64	21.73		
5	QPSK	1	24	21.63	21.54	21.55		
5	QPSK	12	0	20.55	20.62	20.58	22	1
5	QPSK	12	7	20.49	20.48	20.51		
5	QPSK	12	13	20.45	20.47	20.44		
5	QPSK	25	0	20.58	20.58	20.54		
5	16QAM	1	0	21.02	21.1	21.03	22	1
5	16QAM	1	12	21.05	21.11	21.01		
5	16QAM	1	24	21.12	21.11	21		
5	16QAM	12	0	19.56	19.58	19.57	21	2
5	16QAM	12	7	19.52	19.54	19.63		
5	16QAM	12	13	19.55	19.58	19.46		
5	16QAM	25	0	19.53	19.62	19.6		
5	64QAM	1	0	19.68	19.62	19.64	21	2
5	64QAM	1	12	19.69	19.69	19.61		
5	64QAM	1	24	19.62	19.62	19.59		
5	64QAM	12	0	18.53	18.58	18.51	20	3
5	64QAM	12	7	18.63	18.58	18.57		
5	64QAM	12	13	18.63	18.68	18.65		
5	64QAM	25	0	18.55	18.49	18.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.64	21.63	23	0
3	QPSK	1	8	21.69	21.65	21.61		
3	QPSK	1	14	21.59	21.58	21.54		
3	QPSK	8	0	20.6	20.58	20.57	22	1
3	QPSK	8	4	20.47	20.48	20.42		
3	QPSK	8	7	20.5	20.47	20.45		
3	QPSK	15	0	20.5	20.6	20.6		
3	16QAM	1	0	21.05	21.05	21.1	22	1
3	16QAM	1	8	21.07	21.02	21.02		
3	16QAM	1	14	21.04	21.09	21.11		
3	16QAM	8	0	19.6	19.61	19.57	21	2
3	16QAM	8	4	19.51	19.6	19.51		
3	16QAM	8	7	19.56	19.49	19.52		
3	16QAM	15	0	19.53	19.54	19.57		
3	64QAM	1	0	19.61	19.7	19.61	21	2
3	64QAM	1	8	19.63	19.62	19.55		
3	64QAM	1	14	19.62	19.65	19.62		
3	64QAM	8	0	18.53	18.5	18.56	20	3
3	64QAM	8	4	18.61	18.58	18.6		
3	64QAM	8	7	18.66	18.62	18.64		
3	64QAM	15	0	18.55	18.49	18.5		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.63	21.66	21.64	23	0
1.4	QPSK	1	3	21.72	21.73	21.71		
1.4	QPSK	1	5	21.6	21.64	21.62		
1.4	QPSK	3	0	21.31	21.28	21.32		
1.4	QPSK	3	1	21.24	21.16	21.22		
1.4	QPSK	3	3	21.24	21.17	21.2		
1.4	QPSK	6	0	20.58	20.51	20.48	22	1
1.4	16QAM	1	0	21.02	21.09	21.11	22	1
1.4	16QAM	1	3	21.05	21.11	21.02		
1.4	16QAM	1	5	21.03	21.08	21.05		
1.4	16QAM	3	0	20.25	20.27	20.33		
1.4	16QAM	3	1	20.34	20.34	20.31		
1.4	16QAM	3	3	20.18	20.27	20.18		
1.4	16QAM	6	0	19.57	19.57	19.62	21	2
1.4	64QAM	1	0	19.7	19.74	19.7	21	2
1.4	64QAM	1	3	19.59	19.59	19.68		
1.4	64QAM	1	5	19.71	19.67	19.67		
1.4	64QAM	3	0	19.28	19.3	19.22		
1.4	64QAM	3	1	19.26	19.29	19.31		
1.4	64QAM	3	3	19.41	19.4	19.39		
1.4	64QAM	6	0	18.49	18.56	18.54	20	3

Band 12_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.71	21.73	21.74	23	0
10	QPSK	1	25	21.77	21.98	21.76		
10	QPSK	1	49	21.71	21.76	21.75		
10	QPSK	25	0	20.78	20.97	20.91	22	1
10	QPSK	25	12	20.96	20.84	20.88		
10	QPSK	25	25	20.96	20.86	20.83		
10	QPSK	50	0	20.87	20.95	20.93		
10	16QAM	1	0	20.99	21.06	21.08	22	1
10	16QAM	1	25	20.88	20.98	20.92		
10	16QAM	1	49	21.09	20.73	21.11		
10	16QAM	25	0	20.01	20.02	20.07	21	2
10	16QAM	25	12	20.02	20.02	20.04		
10	16QAM	25	25	20.02	20.03	20.01		
10	16QAM	50	0	20.00	20.02	20.01		
10	64QAM	1	0	20.18	20.17	20.00	21	2
10	64QAM	1	25	20.49	20.29	20.30		
10	64QAM	1	49	20.06	20.38	20.31		
10	64QAM	25	0	19.01	19.02	19.00	20	3
10	64QAM	25	12	19.05	19.01	19.07		
10	64QAM	25	25	19.02	19.02	19.08		
10	64QAM	50	0	19.05	19.06	19.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.71	21.72	21.73	23	0
5	QPSK	1	12	21.76	21.82	21.73		
5	QPSK	1	24	21.75	21.71	21.71		
5	QPSK	12	0	20.76	20.96	20.87	22	1
5	QPSK	12	7	20.92	20.83	20.84		
5	QPSK	12	13	20.91	20.85	20.81		
5	QPSK	25	0	20.83	20.94	20.91		
5	16QAM	1	0	20.94	21.02	21.07	22	1
5	16QAM	1	12	20.86	20.96	20.90		
5	16QAM	1	24	21.07	20.71	21.09		
5	16QAM	12	0	20.09	20.12	20.05	21	2
5	16QAM	12	7	20.08	20.09	20.02		
5	16QAM	12	13	20.00	20.09	20.07		
5	16QAM	25	0	20.05	20.07	20.08		
5	64QAM	1	0	20.13	20.14	20.07	21	2
5	64QAM	1	12	20.46	20.26	20.28		
5	64QAM	1	24	20.04	20.35	20.30		
5	64QAM	12	0	19.09	19.08	19.05	20	3
5	64QAM	12	7	19.00	19.08	19.06		
5	64QAM	12	13	19.08	19.07	19.06		
5	64QAM	25	0	19.02	19.05	19.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.71	21.70	23	0
3	QPSK	1	8	21.73	21.78	21.75		
3	QPSK	1	14	21.70	21.75	21.72		
3	QPSK	8	0	20.77	20.92	20.87	22	1
3	QPSK	8	4	20.93	20.79	20.86		
3	QPSK	8	7	20.95	20.83	20.81		
3	QPSK	15	0	20.82	20.91	20.92		
3	16QAM	1	0	20.96	21.03	21.07	22	1
3	16QAM	1	8	20.87	20.93	20.90		
3	16QAM	1	14	21.07	20.71	21.06		
3	16QAM	8	0	20.00	20.01	20.05	21	2
3	16QAM	8	4	20.06	20.00	20.01		
3	16QAM	8	7	20.01	20.03	20.05		
3	16QAM	15	0	20.02	20.01	20.02		
3	64QAM	1	0	20.05	20.13	20.00	21	2
3	64QAM	1	8	20.47	20.28	20.29		
3	64QAM	1	14	20.01	20.36	20.26		
3	64QAM	8	0	19.00	19.03	19.01	20	3
3	64QAM	8	4	19.04	19.00	19.05		
3	64QAM	8	7	19.00	19.00	19.07		
3	64QAM	15	0	19.04	19.03	19.00		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.80	21.86	21.81	23	0
1.4	QPSK	1	3	21.92	21.75	21.95		
1.4	QPSK	1	5	21.92	21.84	21.92		
1.4	QPSK	3	0	21.82	21.92	21.97		
1.4	QPSK	3	1	21.89	21.86	21.71		
1.4	QPSK	3	3	21.94	21.71	21.72		
1.4	QPSK	6	0	21.37	21.40	21.23	22	1
1.4	16QAM	1	0	21.38	21.09	21.13	22	1
1.4	16QAM	1	3	21.14	21.47	21.26		
1.4	16QAM	1	5	21.25	21.33	21.29		
1.4	16QAM	3	0	21.03	21.04	21.09		
1.4	16QAM	3	1	21.36	21.16	21.27		
1.4	16QAM	3	3	21.28	21.11	21.31		
1.4	16QAM	6	0	20.24	20.51	20.33	21	2
1.4	64QAM	1	0	20.46	20.53	20.23	21	2
1.4	64QAM	1	3	20.10	20.19	20.38		
1.4	64QAM	1	5	20.08	20.05	20.23		
1.4	64QAM	3	0	20.03	20.01	20.17		
1.4	64QAM	3	1	20.09	20.25	20.33		
1.4	64QAM	3	3	20.30	20.22	20.06		
1.4	64QAM	6	0	19.01	19.02	19.00	20	3

Band 13_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		19.92		21.5	0
10	QPSK	1	25		20.07			
10	QPSK	1	49		19.89			
10	QPSK	25	0		19.18		20.5	1
10	QPSK	25	12		19.16			
10	QPSK	25	25		19.06			
10	QPSK	50	0		19.13			
10	16QAM	1	0		19.65		20.5	1
10	16QAM	1	25		19.31			
10	16QAM	1	49		19.56			
10	16QAM	25	0		18.13		19.5	2
10	16QAM	25	12		18.18			
10	16QAM	25	25		17.97			
10	16QAM	50	0		18.09			
10	64QAM	1	0		18.26		19.5	2
10	64QAM	1	25		18.35			
10	64QAM	1	49		18.35			
10	64QAM	25	0		17.1		18.5	3
10	64QAM	25	12		17.22			
10	64QAM	25	25		17.04			
10	64QAM	50	0		17.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.83	19.87	19.9	21.5	0
5	QPSK	1	12	20.02	20.02	20		
5	QPSK	1	24	19.81	19.81	19.81		
5	QPSK	12	0	19.01	18.94	18.99	20.5	1
5	QPSK	12	7	19.04	19.05	19.07		
5	QPSK	12	13	19	19.01	18.94		
5	QPSK	25	0	19.12	19.04	19.11		
5	16QAM	1	0	19.6	19.58	19.63	20.5	1
5	16QAM	1	12	19.22	19.27	19.22		
5	16QAM	1	24	19.46	19.53	19.52		
5	16QAM	12	0	18.11	18.03	18.09	19.5	2
5	16QAM	12	7	18.07	18.09	18.07		
5	16QAM	12	13	17.84	17.85	17.88		
5	16QAM	25	0	18.04	18.05	18.03		
5	64QAM	1	0	18.13	18.2	18.17	19.5	2
5	64QAM	1	12	18.33	18.26	18.21		
5	64QAM	1	24	18.22	18.26	18.3		
5	64QAM	12	0	17.08	17.04	17.04	18.5	3
5	64QAM	12	7	17.15	17.19	17.17		
5	64QAM	12	13	16.96	16.96	16.98		
5	64QAM	25	0	17.06	17.04	17.05		

Band 14_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		20.08		21.5	0
10	QPSK	1	25		20.09			
10	QPSK	1	49		20.05			
10	QPSK	25	0		19.22		20.5	1
10	QPSK	25	12		19.11			
10	QPSK	25	25		19.01			
10	QPSK	50	0		19.05			
10	16QAM	1	0		19.29		20.5	1
10	16QAM	1	25		19.17			
10	16QAM	1	49		19.05			
10	16QAM	25	0		18.1		19.5	2
10	16QAM	25	12		18.1			
10	16QAM	25	25		18.17			
10	16QAM	50	0		18.11			
10	64QAM	1	0		18.45		19.5	2
10	64QAM	1	25		18.45			
10	64QAM	1	49		18.45			
10	64QAM	25	0		17.17		18.5	3
10	64QAM	25	12		17.27			
10	64QAM	25	25		17.22			
10	64QAM	50	0		17.11			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	20.03	19.97	20.02	21.5	0
5	QPSK	1	12	19.96	20.04	20.02		
5	QPSK	1	24	19.93	19.97	19.95		
5	QPSK	12	0	19.07	19.03	19.01	20.5	1
5	QPSK	12	7	19.09	19.06	19.1		
5	QPSK	12	13	18.97	19	18.92		
5	QPSK	25	0	19.01	18.96	18.98		
5	16QAM	1	0	19.28	19.28	19.23	20.5	1
5	16QAM	1	12	19.14	19.09	19.12		
5	16QAM	1	24	18.93	18.95	18.97		
5	16QAM	12	0	18	17.99	18.07	19.5	2
5	16QAM	12	7	17.98	18	18.02		
5	16QAM	12	13	18.14	18.10	18.06		
5	16QAM	25	0	18.03	17.98	18.01		
5	64QAM	1	0	18.44	18.33	18.44	19.5	2
5	64QAM	1	12	18.4	18.36	18.31		
5	64QAM	1	24	18.36	18.31	18.44		
5	64QAM	12	0	17.07	17.16	17.13	18.5	3
5	64QAM	12	7	17.17	17.24	17.18		
5	64QAM	12	13	17.13	17.15	17.21		
5	64QAM	25	0	17.08	17.06	17.06		

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.3		18.5	0
10	QPSK	1	25		17.37			
10	QPSK	1	49		17.3			
10	QPSK	25	0		16.41		17.5	1
10	QPSK	25	12		16.4			
10	QPSK	25	25		16.37			
10	QPSK	50	0		16.33			
10	16QAM	1	0		17.02		17.5	1
10	16QAM	1	25		16.66			
10	16QAM	1	49		16.85			
10	16QAM	25	0		15.44		16.5	2
10	16QAM	25	12		15.33			
10	16QAM	25	25		15.33			
10	16QAM	50	0		15.29			
10	64QAM	1	0		15.2		16.5	2
10	64QAM	1	25		15.03			
10	64QAM	1	49		15.12			
10	64QAM	25	0		14.39		15.5	3
10	64QAM	25	12		14.5			
10	64QAM	25	25		14.44			
10	64QAM	50	0		14.4			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.24	17.35	17.24	18.5	0
5	QPSK	1	12	17.21	17.23	17.26		
5	QPSK	1	24	17.25	17.23	17.24		
5	QPSK	12	0	16.27	16.26	16.23	17.5	1
5	QPSK	12	7	16.36	16.39	16.3		
5	QPSK	12	13	16.25	16.28	16.26		
5	QPSK	25	0	16.31	16.23	16.23		
5	16QAM	1	0	16.91	16.94	16.97	17.5	1
5	16QAM	1	12	16.61	16.59	16.59		
5	16QAM	1	24	16.84	16.81	16.77		
5	16QAM	12	0	15.36	15.37	15.41	16.5	2
5	16QAM	12	7	15.22	15.22	15.21		
5	16QAM	12	13	15.25	15.24	15.32		
5	16QAM	25	0	15.23	15.21	15.16		
5	64QAM	1	0	15.13	15.07	15.1	16.5	2
5	64QAM	1	12	15.14	15.05	15.01		
5	64QAM	1	24	15	15.07	15.02		
5	64QAM	12	0	14.37	14.37	14.36	15.5	3
5	64QAM	12	7	14.43	14.46	14.49		
5	64QAM	12	13	14.43	14.34	14.41		
5	64QAM	25	0	14.37	14.32	14.36		

Band 30_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.86		14	0
10	QPSK	1	25		12.87			
10	QPSK	1	49		12.56			
10	QPSK	25	0		11.84		13	1
10	QPSK	25	12		11.77			
10	QPSK	25	25		11.73			
10	QPSK	50	0		11.90			
10	16QAM	1	0		12.05		13	1
10	16QAM	1	25		12.06			
10	16QAM	1	49		11.87			
10	16QAM	25	0		10.90		12	2
10	16QAM	25	12		10.94			
10	16QAM	25	25		10.95			
10	16QAM	50	0		10.93			
10	64QAM	1	0		11.28		12	2
10	64QAM	1	25		11.11			
10	64QAM	1	49		11.20			
10	64QAM	25	0		9.92		11	3
10	64QAM	25	12		9.79			
10	64QAM	25	25		9.89			
10	64QAM	50	0		9.93			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.82	12.85	12.81	14	0
5	QPSK	1	12	12.76	12.77	12.85		
5	QPSK	1	24	12.43	12.43	12.49		
5	QPSK	12	0	11.76	11.71	11.80	13	1
5	QPSK	12	7	11.69	11.72	11.68		
5	QPSK	12	13	11.66	11.71	11.70		
5	QPSK	25	0	11.89	11.77	11.79		
5	16QAM	1	0	12.03	12.03	12.04	13	1
5	16QAM	1	12	12.01	12.05	12.03		
5	16QAM	1	24	11.83	11.85	11.86		
5	16QAM	12	0	10.78	10.80	10.77	12	2
5	16QAM	12	7	10.90	10.88	10.87		
5	16QAM	12	13	10.94	10.86	10.84		
5	16QAM	25	0	10.91	10.85	10.90		
5	64QAM	1	0	11.13	11.15	11.22	12	2
5	64QAM	1	12	11.04	11.07	11.05		
5	64QAM	1	24	11.08	11.11	11.08		
5	64QAM	12	0	9.84	9.88	9.85	11	3
5	64QAM	12	7	9.76	9.76	9.71		
5	64QAM	12	13	9.87	9.82	9.84		
5	64QAM	25	0	9.90	9.83	9.83		

Band 66_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.48	16.59	16.48	18	0
20	QPSK	1	49	16.52	16.63	16.5		
20	QPSK	1	99	16.45	16.55	16.45		
20	QPSK	50	0	15.66	15.74	15.7	17	1
20	QPSK	50	24	15.6	15.71	15.61		
20	QPSK	50	50	15.63	15.67	15.62		
20	QPSK	100	0	15.57	15.66	15.63		
20	16QAM	1	0	16.05	16.17	16.15	17	1
20	16QAM	1	49	15.98	16.14	16.07		
20	16QAM	1	99	16.04	16.11	16.1		
20	16QAM	50	0	14.61	14.7	14.67	16	2
20	16QAM	50	24	14.6	14.73	14.66		
20	16QAM	50	50	14.51	14.64	14.62		
20	16QAM	100	0	14.53	14.65	14.63		
20	64QAM	1	0	14.96	15.02	15	16	2
20	64QAM	1	49	14.93	14.94	14.84		
20	64QAM	1	99	14.67	14.71	14.64		
20	64QAM	50	0	13.71	13.8	13.74	15	3
20	64QAM	50	24	13.59	13.62	13.59		
20	64QAM	50	50	13.49	13.58	13.56		
20	64QAM	100	0	13.58	13.64	13.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.55	16.52	16.5	18	0
15	QPSK	1	37	16.56	16.5	16.54		
15	QPSK	1	74	16.43	16.44	16.47		
15	QPSK	36	0	15.72	15.64	15.66	17	1
15	QPSK	36	20	15.62	15.7	15.58		
15	QPSK	36	39	15.59	15.59	15.54		
15	QPSK	75	0	15.57	15.63	15.54		
15	16QAM	1	0	16.08	16.07	16.15	17	1
15	16QAM	1	37	16.01	16.01	16.04		
15	16QAM	1	74	16.02	16.07	16.04		
15	16QAM	36	0	14.61	14.68	14.58	16	2
15	16QAM	36	20	14.69	14.61	14.6		
15	16QAM	36	39	14.6	14.52	14.59		
15	16QAM	75	0	14.6	14.52	14.52		
15	64QAM	1	0	14.93	15	15.01	16	2
15	64QAM	1	37	14.79	14.82	14.85		
15	64QAM	1	74	14.7	14.58	14.57		
15	64QAM	36	0	13.75	13.71	13.78	15	3
15	64QAM	36	20	13.57	13.6	13.6		
15	64QAM	36	39	13.49	13.56	13.56		
15	64QAM	75	0	13.61	13.55	13.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.57	16.58	16.57	18	0
10	QPSK	1	25	16.55	16.53	16.54		
10	QPSK	1	49	16.48	16.43	16.47		
10	QPSK	25	0	15.65	15.72	15.62	17	1
10	QPSK	25	12	15.6	15.68	15.58		
10	QPSK	25	25	15.54	15.6	15.62		
10	QPSK	50	0	15.54	15.59	15.62		
10	16QAM	1	0	16.05	16.04	16.06	17	1
10	16QAM	1	25	16.13	16.02	16.07		
10	16QAM	1	49	16.09	16.02	16.07		
10	16QAM	25	0	14.62	14.63	14.57	16	2
10	16QAM	25	12	14.64	14.67	14.72		
10	16QAM	25	25	14.6	14.54	14.62		
10	16QAM	50	0	14.6	14.55	14.54		
10	64QAM	1	0	15.01	14.92	14.99	16	2
10	64QAM	1	25	14.9	14.82	14.8		
10	64QAM	1	49	14.61	14.69	14.68		
10	64QAM	25	0	13.78	13.76	13.77	15	3
10	64QAM	25	12	13.52	13.61	13.61		
10	64QAM	25	25	13.56	13.54	13.48		
10	64QAM	50	0	13.56	13.55	13.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.52	16.47	16.48	18	0
5	QPSK	1	12	16.59	16.58	16.62		
5	QPSK	1	24	16.46	16.43	16.49		
5	QPSK	12	0	15.7	15.71	15.72	17	1
5	QPSK	12	7	15.61	15.64	15.58		
5	QPSK	12	13	15.58	15.59	15.62		
5	QPSK	25	0	15.54	15.58	15.53		
5	16QAM	1	0	16.05	16.04	16.12	17	1
5	16QAM	1	12	16.09	16.01	16.02		
5	16QAM	1	24	16.05	16.1	16.06		
5	16QAM	12	0	14.57	14.66	14.57	16	2
5	16QAM	12	7	14.61	14.61	14.7		
5	16QAM	12	13	14.55	14.57	14.54		
5	16QAM	25	0	14.59	14.59	14.62		
5	64QAM	1	0	14.97	15.01	14.96	16	2
5	64QAM	1	12	14.79	14.83	14.85		
5	64QAM	1	24	14.67	14.58	14.58		
5	64QAM	12	0	13.72	13.78	13.79	15	3
5	64QAM	12	7	13.55	13.58	13.6		
5	64QAM	12	13	13.55	13.55	13.57		
5	64QAM	25	0	13.55	13.56	13.61		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.5	16.48	16.46	18	0
3	QPSK	1	8	16.5	16.58	16.53		
3	QPSK	1	14	16.48	16.45	16.54		
3	QPSK	8	0	15.62	15.71	15.63	17	1
3	QPSK	8	4	15.6	15.58	15.61		
3	QPSK	8	7	15.66	15.55	15.59		
3	QPSK	15	0	15.62	15.55	15.57		
3	16QAM	1	0	16.15	16.12	16.04	17	1
3	16QAM	1	8	16.02	16.12	16.01		
3	16QAM	1	14	16.01	15.98	16.06		
3	16QAM	8	0	14.69	14.66	14.66	16	2
3	16QAM	8	4	14.66	14.62	14.62		
3	16QAM	8	7	14.53	14.56	14.56		
3	16QAM	15	0	14.64	14.57	14.57		
3	64QAM	1	0	14.98	14.87	14.87	16	2
3	64QAM	1	8	14.87	14.83	14.84		
3	64QAM	1	14	14.58	14.56	14.56		
3	64QAM	8	0	13.77	13.75	13.77	15	3
3	64QAM	8	4	13.55	13.59	13.55		
3	64QAM	8	7	13.49	13.56	13.56		
3	64QAM	15	0	13.62	13.57	13.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.49	16.56	16.47	18	0
1.4	QPSK	1	3	16.55	16.59	16.62		
1.4	QPSK	1	5	16.44	16.48	16.52		
1.4	QPSK	3	0	16.34	16.38	16.39		
1.4	QPSK	3	1	16.39	16.38	16.36		
1.4	QPSK	3	3	16.31	16.27	16.26		
1.4	QPSK	6	0	15.6	15.65	15.62	17	1
1.4	16QAM	1	0	16.08	16.05	16.04	17	1
1.4	16QAM	1	3	16.1	16.05	16.02		
1.4	16QAM	1	5	16.03	16.05	16.02		
1.4	16QAM	3	0	15.32	15.33	15.33		
1.4	16QAM	3	1	15.32	15.31	15.33		
1.4	16QAM	3	3	15.32	15.24	15.3		
1.4	16QAM	6	0	14.57	14.59	14.6	16	2
1.4	64QAM	1	0	14.91	14.95	14.93	16	2
1.4	64QAM	1	3	14.89	14.89	14.89		
1.4	64QAM	1	5	14.68	14.7	14.67		
1.4	64QAM	3	0	14.43	14.47	14.46		
1.4	64QAM	3	1	14.31	14.24	14.26		
1.4	64QAM	3	3	14.23	14.22	14.21		
1.4	64QAM	6	0	13.6	13.58	13.57	15	3

Reduced Power Mode for Sensor on

<GSM Power_State1>

GSM850_Ant1	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	26.83	26.92	26.87	28.50	17.83	17.92	17.87	19.50
GPRS 1 Tx slot	26.80	26.91	26.87	28.50	17.80	17.91	17.87	19.50
GPRS 2 Tx slots	27.20	27.36	27.32	28.00	21.20	21.36	21.32	22.00
GPRS 3 Tx slots	25.24	25.37	25.31	26.50	20.98	21.11	21.05	22.24
GPRS 4 Tx slots	24.27	24.25	24.21	25.50	21.27	21.25	21.21	22.50
EDGE 1 Tx slot	22.41	22.29	22.30	23.00	13.41	13.29	13.30	14.00
EDGE 2 Tx slots	21.34	21.04	21.42	22.00	15.34	15.04	15.42	16.00
EDGE 3 Tx slots	19.34	19.11	19.26	19.50	15.08	14.85	15.00	15.24
EDGE 4 Tx slots	18.11	17.81	17.94	18.50	15.11	14.81	14.94	15.50

GSM850_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.14	28.10	27.97	30.00	19.14	19.10	18.97	21.00
GPRS 1 Tx slot	28.14	28.06	27.94	30.00	19.14	19.06	18.94	21.00
GPRS 2 Tx slots	28.70	28.59	28.50	29.00	22.70	22.59	22.50	23.00
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74
GPRS 4 Tx slots	25.86	25.72	25.59	26.00	22.86	22.72	22.59	23.00
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.55	17.74
EDGE 4 Tx slots	19.96	19.74	19.72	20.00	16.96	16.74	16.72	17.00

GSM1900_Ant1	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	23.34	23.32	23.36	24.50	14.34	14.32	14.36	15.50
GPRS 1 Tx slot	23.36	23.33	23.30	24.50	14.36	14.33	14.30	15.50
GPRS 2 Tx slots	22.91	22.86	22.81	24.00	16.91	16.86	16.81	18.00
GPRS 3 Tx slots	21.38	21.45	21.41	22.50	17.12	17.19	17.15	18.24
GPRS 4 Tx slots	20.30	20.27	20.36	21.50	17.30	17.27	17.36	18.50
EDGE 1 Tx slot	20.16	20.09	20.16	21.50	11.16	11.09	11.16	12.50
EDGE 2 Tx slots	19.22	19.27	19.18	20.50	13.22	13.27	13.18	14.50
EDGE 3 Tx slots	17.41	17.39	17.41	18.50	13.15	13.13	13.15	14.24
EDGE 4 Tx slots	16.38	16.28	16.39	17.50	13.38	13.28	13.39	14.50

GSM1900_Ant2	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	23.37	23.15	23.26	25.50	14.37	14.15	14.26	16.50
GPRS 1 Tx slot	23.36	23.28	23.31	25.50	14.36	14.28	14.31	16.50
GPRS 2 Tx slots	24.20	24.05	24.12	24.50	18.20	18.05	18.12	18.50
GPRS 3 Tx slots	22.22	22.07	22.16	22.50	17.96	17.81	17.90	18.24
GPRS 4 Tx slots	21.23	21.07	21.24	21.50	18.23	18.07	18.24	18.50
EDGE 1 Tx slot	22.18	22.22	22.14	22.50	13.18	13.22	13.14	13.50
EDGE 2 Tx slots	21.19	21.33	21.21	21.50	15.19	15.33	15.21	15.50
EDGE 3 Tx slots	19.09	19.16	19.18	19.50	14.83	14.90	14.92	15.24
EDGE 4 Tx slots	18.21	18.18	18.25	18.50	15.21	15.18	15.25	15.50

Band		WCDMA II_Ant1			Tune-up Limit (dBm)	WCDMA IV_Ant1			Tune-up Limit (dBm)	WCDMA V_Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.84	16.99	16.99	18.00	17.14	17.14	17.12	18.00	18.94	18.96	18.97	20.00
3GPP Rel 99	RMC 12.2Kbps	16.89	17.01	17.03	18.00	17.16	17.22	17.24	18.00	19.03	19.01	18.98	20.00
3GPP Rel 6	HSDPA Subtest-1	15.96	16.10	16.04	17.00	16.16	16.20	16.21	17.00	18.03	18.01	18.00	19.00
3GPP Rel 6	HSDPA Subtest-2	15.90	15.98	15.75	17.00	16.13	16.10	16.13	17.00	17.99	17.93	17.89	19.00
3GPP Rel 6	HSDPA Subtest-3	15.43	15.44	15.45	16.50	15.64	15.64	15.59	16.50	17.49	17.48	17.37	18.50
3GPP Rel 6	HSDPA Subtest-4	15.44	15.46	15.40	16.50	15.66	15.61	15.58	16.50	17.53	17.48	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.99	15.01	15.02	17.00	15.21	15.19	15.21	17.00	17.26	17.24	17.34	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.01	15.08	15.06	17.00	15.14	15.23	15.12	17.00	17.30	17.35	17.25	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.69	14.66	14.65	16.50	14.75	14.75	14.72	16.50	16.85	16.93	16.87	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.70	14.74	14.73	16.50	14.62	14.71	14.64	16.50	16.99	16.87	16.90	18.50
3GPP Rel 6	HSUPA Subtest-1	13.33	13.34	13.33	15.00	13.41	13.46	13.51	15.00	15.50	15.47	15.45	17.00
3GPP Rel 6	HSUPA Subtest-2	13.32	13.34	13.38	15.00	13.41	13.38	13.42	15.00	15.54	15.48	15.49	17.00
3GPP Rel 6	HSUPA Subtest-3	14.29	14.22	14.32	16.00	14.44	14.44	14.49	16.00	16.47	16.39	16.44	18.00
3GPP Rel 6	HSUPA Subtest-4	12.75	12.83	12.76	14.50	13.05	13.05	13.00	14.50	14.99	14.95	14.98	16.50
3GPP Rel 6	HSUPA Subtest-5	13.94	13.92	14.02	16.00	14.77	14.73	14.78	16.00	16.45	16.36	16.35	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.63	12.64	12.62	14.50	12.87	12.84	12.95	14.50	14.82	14.86	14.77	16.50

Band		WCDMA II_Ant2			Tune-up Limit (dBm)	WCDMA V_Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.89	16.85	16.81	18.00	20.23	20.18	20.15	21.00
3GPP Rel 99	RMC 12.2Kbps	16.93	16.89	16.94	18.00	20.28	20.26	20.22	21.00
3GPP Rel 6	HSDPA Subtest-1	15.94	15.93	15.89	17.00	19.27	19.30	19.33	20.00
3GPP Rel 6	HSDPA Subtest-2	15.89	15.81	15.73	17.00	19.34	19.30	19.19	20.00
3GPP Rel 6	HSDPA Subtest-3	15.41	15.29	15.32	16.50	18.82	18.84	18.68	19.50
3GPP Rel 6	HSDPA Subtest-4	15.39	15.29	15.36	16.50	18.80	18.85	18.68	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.20	15.23	15.18	17.00	18.26	18.23	18.29	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.16	15.18	15.09	17.00	18.26	18.30	18.28	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.66	14.60	14.69	16.50	17.90	17.86	17.86	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.56	14.50	14.57	16.50	17.88	17.82	17.88	19.50
3GPP Rel 6	HSUPA Subtest-1	13.17	13.17	13.22	15.00	16.45	16.48	16.38	18.00
3GPP Rel 6	HSUPA Subtest-2	13.24	13.29	13.17	15.00	16.51	16.48	16.44	18.00
3GPP Rel 6	HSUPA Subtest-3	14.23	14.23	14.27	16.00	17.39	17.41	17.46	19.00
3GPP Rel 6	HSUPA Subtest-4	12.73	12.65	12.71	14.50	15.89	15.97	15.97	17.50
3GPP Rel 6	HSUPA Subtest-5	14.11	14.12	14.16	16.00	17.34	17.29	17.35	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.59	12.55	12.65	14.50	15.84	15.86	15.89	17.50

Band 2_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.87	18.01	17.86	19	0
20	QPSK	1	49	17.95	18.10	17.95		
20	QPSK	1	99	17.92	18.08	17.93		
20	QPSK	50	0	16.92	17.01	16.86	18	1
20	QPSK	50	24	16.83	16.98	16.85		
20	QPSK	50	50	16.91	16.92	16.80		
20	QPSK	100	0	16.85	16.94	16.80		
20	16QAM	1	0	16.84	16.92	16.77	18	1
20	16QAM	1	49	16.83	16.96	16.80		
20	16QAM	1	99	16.85	16.96	16.80		
20	16QAM	50	0	16.01	15.99	15.84	17	2
20	16QAM	50	24	15.84	15.94	15.90		
20	16QAM	50	50	15.88	15.86	15.67		
20	16QAM	100	0	15.90	15.92	15.72		
20	64QAM	1	0	15.97	15.97	15.97	17	2
20	64QAM	1	49	16.24	16.31	16.16		
20	64QAM	1	99	15.90	16.03	15.65		
20	64QAM	50	0	14.92	14.99	14.94	16	3
20	64QAM	50	24	14.92	14.91	14.91		
20	64QAM	50	50	14.86	14.89	14.76		
20	64QAM	100	0	14.85	14.98	14.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.90	17.93	17.89	19	0
15	QPSK	1	37	18.04	18.09	17.99		
15	QPSK	1	74	18.06	18.06	17.96		
15	QPSK	36	0	17.00	16.97	16.90	18	1
15	QPSK	36	20	16.95	16.94	16.89		
15	QPSK	36	39	16.88	16.86	16.91		
15	QPSK	75	0	16.83	16.83	16.83		
15	16QAM	1	0	16.91	16.90	16.79	18	1
15	16QAM	1	37	16.93	16.95	16.85		
15	16QAM	1	74	16.85	16.93	16.95		
15	16QAM	36	0	15.88	15.89	15.88	17	2
15	16QAM	36	20	15.89	15.91	15.93		
15	16QAM	36	39	15.84	15.84	15.78		
15	16QAM	75	0	15.87	15.88	15.84		
15	64QAM	1	0	15.90	15.96	15.86	17	2
15	64QAM	1	37	16.29	16.25	16.24		
15	64QAM	1	74	15.91	15.95	15.91		
15	64QAM	36	0	14.90	14.90	14.97	16	3
15	64QAM	36	20	14.90	14.83	14.84		
15	64QAM	36	39	14.88	14.86	14.80		
15	64QAM	75	0	14.92	14.96	14.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.97	17.90	17.95	19	0
10	QPSK	1	25	17.98	18.06	18.09		
10	QPSK	1	49	18.06	18.05	17.95		
10	QPSK	25	0	16.93	16.96	16.98	18	1
10	QPSK	25	12	16.89	16.87	16.95		
10	QPSK	25	25	16.89	16.84	16.81		
10	QPSK	50	0	16.85	16.86	16.87		
10	16QAM	1	0	16.81	16.88	16.79	18	1
10	16QAM	1	25	16.83	16.92	16.86		
10	16QAM	1	49	16.84	16.93	16.92		
10	16QAM	25	0	15.88	15.91	15.92	17	2
10	16QAM	25	12	15.92	15.81	15.91		
10	16QAM	25	25	15.84	15.82	15.78		
10	16QAM	50	0	15.79	15.87	15.79		
10	64QAM	1	0	15.94	15.93	15.95	17	2
10	64QAM	1	25	16.30	16.18	16.22		
10	64QAM	1	49	15.99	16.00	15.90		
10	64QAM	25	0	14.96	14.92	14.94	16	3
10	64QAM	25	12	14.89	14.85	14.83		
10	64QAM	25	25	14.83	14.85	14.88		
10	64QAM	50	0	14.90	14.89	14.89		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.96	17.99	17.89	19	0
5	QPSK	1	12	18.06	18.07	17.98		
5	QPSK	1	24	18.02	18.02	18.04		
5	QPSK	12	0	16.91	17.00	16.91	18	1
5	QPSK	12	7	16.85	16.92	16.85		
5	QPSK	12	13	16.82	16.88	16.82		
5	QPSK	25	0	16.88	16.90	16.89		
5	16QAM	1	0	16.86	16.87	16.83	18	1
5	16QAM	1	12	16.85	16.92	16.83		
5	16QAM	1	24	16.89	16.89	16.94		
5	16QAM	12	0	15.91	15.96	15.86	17	2
5	16QAM	12	7	15.82	15.81	15.92		
5	16QAM	12	13	15.78	15.75	15.77		
5	16QAM	25	0	15.84	15.81	15.85		
5	64QAM	1	0	15.88	15.93	15.94	17	2
5	64QAM	1	12	16.25	16.20	16.23		
5	64QAM	1	24	16.00	15.92	16.02		
5	64QAM	12	0	14.91	14.92	14.94	16	3
5	64QAM	12	7	14.86	14.87	14.85		
5	64QAM	12	13	14.81	14.82	14.80		
5	64QAM	25	0	14.96	14.95	14.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.90	17.93	17.97	19	0
3	QPSK	1	8	18.07	18.08	17.97		
3	QPSK	1	14	17.99	18.06	18.06		
3	QPSK	8	0	16.96	16.92	16.89	18	1
3	QPSK	8	4	16.90	16.87	16.91		
3	QPSK	8	7	16.89	16.89	16.79		
3	QPSK	15	0	16.85	16.90	16.87		
3	16QAM	1	0	16.86	16.80	16.87	18	1
3	16QAM	1	8	16.89	16.95	16.95		
3	16QAM	1	14	16.85	16.91	16.93		
3	16QAM	8	0	15.86	15.86	15.87	17	2
3	16QAM	8	4	15.90	15.93	15.85		
3	16QAM	8	7	15.82	15.77	15.84		
3	16QAM	15	0	15.88	15.84	15.85		
3	64QAM	1	0	15.93	15.88	15.83	17	2
3	64QAM	1	8	16.30	16.27	16.24		
3	64QAM	1	14	16.01	15.93	15.92		
3	64QAM	8	0	14.93	14.90	14.91	16	3
3	64QAM	8	4	14.89	14.86	14.89		
3	64QAM	8	7	14.85	14.83	14.82		
3	64QAM	15	0	14.93	14.90	14.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.91	17.94	17.93	19	0
1.4	QPSK	1	3	18.00	18.05	18.00		
1.4	QPSK	1	5	18.00	17.99	18.02		
1.4	QPSK	3	0	17.95	17.97	17.89		
1.4	QPSK	3	1	17.90	17.95	17.94		
1.4	QPSK	3	3	17.80	17.87	17.86		
1.4	QPSK	6	0	16.88	16.87	16.92	18	1
1.4	16QAM	1	0	16.82	16.86	16.91	18	1
1.4	16QAM	1	3	16.89	16.83	16.94		
1.4	16QAM	1	5	16.85	16.88	16.85		
1.4	16QAM	3	0	16.90	16.98	16.96		
1.4	16QAM	3	1	16.85	16.90	16.86		
1.4	16QAM	3	3	16.84	16.78	16.77		
1.4	16QAM	6	0	15.91	15.84	15.90	17	2
1.4	64QAM	1	0	15.91	15.90	15.96	17	2
1.4	64QAM	1	3	16.19	16.16	16.30		
1.4	64QAM	1	5	15.98	15.93	15.91		
1.4	64QAM	3	0	15.90	15.91	15.97		
1.4	64QAM	3	1	15.86	15.86	15.81		
1.4	64QAM	3	3	15.87	15.79	15.84		
1.4	64QAM	6	0	14.91	14.89	14.89	16	3

Band 2_Ant2

BW [MHz]	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	18.36	18.40	18.19	19	0
20	QPSK	1	49	18.41	18.47	18.22		
20	QPSK	1	99	18.32	18.42	18.20		
20	QPSK	50	0	17.33	17.42	17.38	18	1
20	QPSK	50	24	17.31	17.37	17.36		
20	QPSK	50	50	17.31	17.41	17.36		
20	QPSK	100	0	17.26	17.31	17.23		
20	16QAM	1	0	17.23	17.24	17.20	18	1
20	16QAM	1	49	17.10	17.22	17.15		
20	16QAM	1	99	17.20	17.22	17.17		
20	16QAM	50	0	16.34	16.45	16.38	17	2
20	16QAM	50	24	16.25	16.38	16.33		
20	16QAM	50	50	16.39	16.43	16.40		
20	16QAM	100	0	16.19	16.28	16.23		
20	64QAM	1	0	16.35	16.42	16.32	17	2
20	64QAM	1	49	16.59	16.62	16.53		
20	64QAM	1	99	16.20	16.23	16.15		
20	64QAM	50	0	15.38	15.46	15.33	16	3
20	64QAM	50	24	15.30	15.39	15.35		
20	64QAM	50	50	15.37	15.45	15.33		
20	64QAM	100	0	15.26	15.34	15.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.27	18.29	18.37	19	0
15	QPSK	1	37	18.38	18.44	18.39		
15	QPSK	1	74	18.36	18.35	18.29		
15	QPSK	36	0	17.34	17.35	17.35	18	1
15	QPSK	36	20	17.29	17.24	17.33		
15	QPSK	36	39	17.30	17.28	17.28		
15	QPSK	75	0	17.29	17.19	17.18		
15	16QAM	1	0	17.23	17.22	17.21	18	1
15	16QAM	1	37	17.18	17.18	17.14		
15	16QAM	1	74	17.19	17.10	17.20		
15	16QAM	36	0	16.40	16.37	16.43	17	2
15	16QAM	36	20	16.37	16.37	16.35		
15	16QAM	36	39	16.30	16.40	16.34		
15	16QAM	75	0	16.17	16.26	16.19		
15	64QAM	1	0	16.40	16.30	16.30	17	2
15	64QAM	1	37	16.58	16.54	16.51		
15	64QAM	1	74	16.08	16.20	16.20		
15	64QAM	36	0	15.40	15.45	15.37	16	3
15	64QAM	36	20	15.32	15.30	15.36		
15	64QAM	36	39	15.41	15.44	15.40		
15	64QAM	75	0	15.33	15.33	15.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.34	18.36	18.37	19	0
10	QPSK	1	25	18.45	18.35	18.38		
10	QPSK	1	49	18.32	18.39	18.39		
10	QPSK	25	0	17.33	17.34	17.33	18	1
10	QPSK	25	12	17.27	17.29	17.25		
10	QPSK	25	25	17.34	17.40	17.33		
10	QPSK	50	0	17.19	17.26	17.26		
10	16QAM	1	0	17.20	17.20	17.14	18	1
10	16QAM	1	25	17.18	17.16	17.10		
10	16QAM	1	49	17.12	17.17	17.12		
10	16QAM	25	0	16.33	16.34	16.35	17	2
10	16QAM	25	12	16.31	16.31	16.27		
10	16QAM	25	25	16.41	16.36	16.40		
10	16QAM	50	0	16.27	16.23	16.25		
10	64QAM	1	0	16.34	16.33	16.37	17	2
10	64QAM	1	25	16.54	16.47	16.60		
10	64QAM	1	49	16.12	16.21	16.10		
10	64QAM	25	0	15.37	15.37	15.36	16	3
10	64QAM	25	12	15.33	15.33	15.31		
10	64QAM	25	25	15.35	15.41	15.41		
10	64QAM	50	0	15.33	15.24	15.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.37	18.37	18.30	19	0
5	QPSK	1	12	18.46	18.46	18.45		
5	QPSK	1	24	18.30	18.31	18.29		
5	QPSK	12	0	17.31	17.41	17.36	18	1
5	QPSK	12	7	17.34	17.27	17.25		
5	QPSK	12	13	17.38	17.29	17.39		
5	QPSK	25	0	17.21	17.23	17.25		
5	16QAM	1	0	17.23	17.13	17.16	18	1
5	16QAM	1	12	17.12	17.20	17.10		
5	16QAM	1	24	17.11	17.11	17.15		
5	16QAM	12	0	16.41	16.44	16.35	17	2
5	16QAM	12	7	16.29	16.26	16.30		
5	16QAM	12	13	16.42	16.30	16.37		
5	16QAM	25	0	16.16	16.23	16.23		
5	64QAM	1	0	16.33	16.33	16.32	17	2
5	64QAM	1	12	16.61	16.57	16.50		
5	64QAM	1	24	16.22	16.20	16.18		
5	64QAM	12	0	15.39	15.40	15.37	16	3
5	64QAM	12	7	15.37	15.32	15.38		
5	64QAM	12	13	15.35	15.41	15.36		
5	64QAM	25	0	15.31	15.28	15.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.36	18.28	18.30	19	0
3	QPSK	1	8	18.44	18.35	18.35		
3	QPSK	1	14	18.32	18.29	18.36		
3	QPSK	8	0	17.35	17.41	17.29	18	1
3	QPSK	8	4	17.26	17.33	17.31		
3	QPSK	8	7	17.28	17.33	17.38		
3	QPSK	15	0	17.23	17.30	17.27		
3	16QAM	1	0	17.13	17.19	17.16	18	1
3	16QAM	1	8	17.17	17.20	17.18		
3	16QAM	1	14	17.17	17.16	17.18		
3	16QAM	8	0	16.42	16.39	16.39	17	2
3	16QAM	8	4	16.33	16.37	16.35		
3	16QAM	8	7	16.33	16.35	16.32		
3	16QAM	15	0	16.15	16.25	16.22		
3	64QAM	1	0	16.41	16.38	16.40	17	2
3	64QAM	1	8	16.47	16.59	16.52		
3	64QAM	1	14	16.21	16.09	16.19		
3	64QAM	8	0	15.37	15.42	15.38	16	3
3	64QAM	8	4	15.34	15.29	15.32		
3	64QAM	8	7	15.40	15.44	15.44		
3	64QAM	15	0	15.33	15.32	15.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.31	18.38	18.33	19	0
1.4	QPSK	1	3	18.41	18.37	18.44		
1.4	QPSK	1	5	18.41	18.37	18.34		
1.4	QPSK	3	0	17.39	17.40	17.33		
1.4	QPSK	3	1	17.31	17.31	17.30		
1.4	QPSK	3	3	17.39	17.38	17.30		
1.4	QPSK	6	0	17.26	17.30	17.20	18	1
1.4	16QAM	1	0	17.13	17.14	17.16	18	1
1.4	16QAM	1	3	17.09	17.14	17.20		
1.4	16QAM	1	5	17.19	17.11	17.17		
1.4	16QAM	3	0	16.39	16.38	16.40		
1.4	16QAM	3	1	16.32	16.33	16.35		
1.4	16QAM	3	3	16.31	16.42	16.34		
1.4	16QAM	6	0	16.16	16.17	16.24	17	2
1.4	64QAM	1	0	16.28	16.30	16.32	17	2
1.4	64QAM	1	3	16.58	16.60	16.55		
1.4	64QAM	1	5	16.17	16.08	16.14		
1.4	64QAM	3	0	15.38	15.36	15.39		
1.4	64QAM	3	1	15.36	15.33	15.30		
1.4	64QAM	3	3	15.41	15.37	15.42		
1.4	64QAM	6	0	15.33	15.30	15.32	16	3

Band 4_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.69	17.75	17.58	18.5	0
20	QPSK	1	49	17.76	17.77	17.67		
20	QPSK	1	99	17.71	17.70	17.63		
20	QPSK	50	0	16.61	16.82	16.70	17.5	1
20	QPSK	50	24	16.58	16.76	16.68		
20	QPSK	50	50	16.58	16.76	16.62		
20	QPSK	100	0	16.62	16.63	16.57		
20	16QAM	1	0	16.78	17.15	16.45	17.5	1
20	16QAM	1	49	17.10	17.40	16.66		
20	16QAM	1	99	16.41	16.91	16.82		
20	16QAM	50	0	15.69	15.85	15.74	16.5	2
20	16QAM	50	24	15.73	15.64	15.72		
20	16QAM	50	50	15.62	15.55	15.55		
20	16QAM	100	0	15.70	15.68	15.60		
20	64QAM	1	0	15.54	16.00	15.61	16.5	2
20	64QAM	1	49	16.20	16.13	15.90		
20	64QAM	1	99	15.72	15.69	15.54		
20	64QAM	50	0	14.78	14.83	14.75	15.5	3
20	64QAM	50	24	14.72	14.66	14.62		
20	64QAM	50	50	14.68	14.64	14.48		
20	64QAM	100	0	14.65	14.66	14.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.63	17.67	17.66	18.5	0
15	QPSK	1	37	17.68	17.68	17.71		
15	QPSK	1	74	17.67	17.68	17.64		
15	QPSK	36	0	16.79	16.78	16.73	17.5	1
15	QPSK	36	20	16.70	16.71	16.64		
15	QPSK	36	39	16.64	16.65	16.71		
15	QPSK	75	0	16.62	16.55	16.59		
15	16QAM	1	0	17.11	17.12	17.11	17.5	1
15	16QAM	1	37	17.33	17.29	17.36		
15	16QAM	1	74	16.88	16.83	16.90		
15	16QAM	36	0	15.84	15.84	15.73	16.5	2
15	16QAM	36	20	15.63	15.52	15.63		
15	16QAM	36	39	15.54	15.53	15.42		
15	16QAM	75	0	15.58	15.60	15.60		
15	64QAM	1	0	15.91	15.93	15.96	16.5	2
15	64QAM	1	37	16.08	15.98	16.06		
15	64QAM	1	74	15.65	15.64	15.65		
15	64QAM	36	0	14.74	14.77	14.80	15.5	3
15	64QAM	36	20	14.60	14.61	14.58		
15	64QAM	36	39	14.59	14.63	14.62		
15	64QAM	75	0	14.61	14.56	14.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.70	17.72	17.72	18.5	0
10	QPSK	1	25	17.64	17.71	17.76		
10	QPSK	1	49	17.64	17.64	17.62		
10	QPSK	25	0	16.71	16.69	16.76	17.5	1
10	QPSK	25	12	16.68	16.74	16.75		
10	QPSK	25	25	16.63	16.69	16.64		
10	QPSK	50	0	16.56	16.52	16.53		
10	16QAM	1	0	17.12	17.11	17.05	17.5	1
10	16QAM	1	25	17.36	17.38	17.30		
10	16QAM	1	49	16.81	16.87	16.83		
10	16QAM	25	0	15.74	15.82	15.73	16.5	2
10	16QAM	25	12	15.51	15.57	15.60		
10	16QAM	25	25	15.54	15.52	15.43		
10	16QAM	50	0	15.66	15.65	15.56		
10	64QAM	1	0	15.95	15.97	15.97	16.5	2
10	64QAM	1	25	16.03	15.98	16.00		
10	64QAM	1	49	15.61	15.60	15.61		
10	64QAM	25	0	14.77	14.82	14.80	15.5	3
10	64QAM	25	12	14.59	14.59	14.64		
10	64QAM	25	25	14.63	14.59	14.54		
10	64QAM	50	0	14.59	14.59	14.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.66	17.62	17.73	18.5	0
5	QPSK	1	12	17.70	17.74	17.73		
5	QPSK	1	24	17.66	17.60	17.57		
5	QPSK	12	0	16.74	16.78	16.77	17.5	1
5	QPSK	12	7	16.71	16.72	16.64		
5	QPSK	12	13	16.69	16.69	16.74		
5	QPSK	25	0	16.59	16.57	16.50		
5	16QAM	1	0	17.08	17.10	17.06	17.5	1
5	16QAM	1	12	17.30	17.29	17.31		
5	16QAM	1	24	16.89	16.84	16.90		
5	16QAM	12	0	15.75	15.78	15.82	16.5	2
5	16QAM	12	7	15.62	15.51	15.52		
5	16QAM	12	13	15.44	15.44	15.46		
5	16QAM	25	0	15.67	15.65	15.65		
5	64QAM	1	0	15.87	15.92	15.91	16.5	2
5	64QAM	1	12	16.03	15.99	16.01		
5	64QAM	1	24	15.65	15.60	15.68		
5	64QAM	12	0	14.73	14.73	14.76	15.5	3
5	64QAM	12	7	14.64	14.56	14.57		
5	64QAM	12	13	14.63	14.56	14.58		
5	64QAM	25	0	14.60	14.65	14.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.73	17.71	17.65	18.5	0
3	QPSK	1	8	17.65	17.71	17.68		
3	QPSK	1	14	17.61	17.69	17.58		
3	QPSK	8	0	16.76	16.80	16.73	17.5	1
3	QPSK	8	4	16.66	16.65	16.69		
3	QPSK	8	7	16.73	16.74	16.67		
3	QPSK	15	0	16.56	16.55	16.55		
3	16QAM	1	0	17.10	17.04	17.05	17.5	1
3	16QAM	1	8	17.34	17.30	17.37		
3	16QAM	1	14	16.86	16.81	16.79		
3	16QAM	8	0	15.75	15.74	15.72	16.5	2
3	16QAM	8	4	15.62	15.55	15.58		
3	16QAM	8	7	15.48	15.42	15.46		
3	16QAM	15	0	15.67	15.56	15.67		
3	64QAM	1	0	15.85	15.94	15.90	16.5	2
3	64QAM	1	8	15.98	16.11	16.06		
3	64QAM	1	14	15.68	15.56	15.62		
3	64QAM	8	0	14.74	14.75	14.76	15.5	3
3	64QAM	8	4	14.56	14.57	14.58		
3	64QAM	8	7	14.57	14.56	14.57		
3	64QAM	15	0	14.61	14.58	14.59		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.65	17.74	17.70	18.5	0
1.4	QPSK	1	3	17.72	17.74	17.65		
1.4	QPSK	1	5	17.61	17.57	17.59		
1.4	QPSK	3	0	17.44	17.49	17.47		
1.4	QPSK	3	1	17.33	17.40	17.35		
1.4	QPSK	3	3	17.33	17.35	17.35		
1.4	QPSK	6	0	16.57	16.59	16.56	17.5	1
1.4	16QAM	1	0	17.11	17.07	17.07	13.5	1
1.4	16QAM	1	3	17.28	17.28	17.37		
1.4	16QAM	1	5	16.81	16.84	16.89		
1.4	16QAM	3	0	16.48	16.54	16.47		
1.4	16QAM	3	1	16.21	16.30	16.21		
1.4	16QAM	3	3	16.13	16.15	16.21		
1.4	16QAM	6	0	15.63	15.58	15.66	16.5	2
1.4	64QAM	1	0	15.90	15.85	15.94	16.5	2
1.4	64QAM	1	3	15.99	16.03	16.07		
1.4	64QAM	1	5	15.56	15.65	15.64		
1.4	64QAM	3	0	15.43	15.45	15.49		
1.4	64QAM	3	1	15.30	15.30	15.32		
1.4	64QAM	3	3	15.32	15.32	15.26		
1.4	64QAM	6	0	14.56	14.57	14.58	15.5	3

Band 5_Ant1

BW [MHz]	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	19.35	19.42	19.26	20.5	0
10	QPSK	1	25	19.36	19.43	19.35		
10	QPSK	1	49	19.34	19.41	19.32		
10	QPSK	25	0	18.37	18.48	18.44	19.5	1
10	QPSK	25	12	18.36	18.45	18.35		
10	QPSK	25	25	18.31	18.43	18.35		
10	QPSK	50	0	18.31	18.39	18.30		
10	16QAM	1	0	18.56	18.61	18.57	19.5	1
10	16QAM	1	25	18.52	18.65	18.56		
10	16QAM	1	49	18.83	18.84	18.71		
10	16QAM	25	0	17.39	17.46	17.38	18.5	2
10	16QAM	25	12	17.35	17.39	17.28		
10	16QAM	25	25	17.27	17.32	17.29		
10	16QAM	50	0	17.30	17.41	17.35		
10	64QAM	1	0	17.67	17.74	17.62	18.5	2
10	64QAM	1	25	17.54	17.69	17.57		
10	64QAM	1	49	17.46	17.59	17.56		
10	64QAM	25	0	16.42	16.46	16.37	17.5	3
10	64QAM	25	12	16.33	16.37	16.36		
10	64QAM	25	25	16.36	16.45	16.43		
10	64QAM	50	0	16.44	16.45	16.39		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.31	19.32	19.34	20.5	0
5	QPSK	1	12	19.41	19.35	19.35		
5	QPSK	1	24	19.38	19.32	19.38		
5	QPSK	12	0	18.41	18.36	18.38	19.5	1
5	QPSK	12	7	18.40	18.42	18.33		
5	QPSK	12	13	18.38	18.34	18.37		
5	QPSK	25	0	18.28	18.30	18.27		
5	16QAM	1	0	18.56	18.58	18.54	19.5	1
5	16QAM	1	12	18.64	18.55	18.54		
5	16QAM	1	24	18.83	18.83	18.78		
5	16QAM	12	0	17.45	17.43	17.37	18.5	2
5	16QAM	12	7	17.31	17.38	17.33		
5	16QAM	12	13	17.30	17.30	17.23		
5	16QAM	25	0	17.40	17.37	17.32		
5	64QAM	1	0	17.59	17.69	17.61	18.5	2
5	64QAM	1	12	17.66	17.54	17.66		
5	64QAM	1	24	17.49	17.45	17.44		
5	64QAM	12	0	16.44	16.38	16.41	17.5	3
5	64QAM	12	7	16.35	16.28	16.29		
5	64QAM	12	13	16.35	16.41	16.40		
5	64QAM	25	0	16.35	16.37	16.43		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.29	19.36	19.35	20.5	0
3	QPSK	1	8	19.36	19.35	19.36		
3	QPSK	1	14	19.33	19.34	19.28		
3	QPSK	8	0	18.43	18.38	18.35	19.5	1
3	QPSK	8	4	18.38	18.44	18.43		
3	QPSK	8	7	18.39	18.38	18.32		
3	QPSK	15	0	18.35	18.30	18.28		
3	16QAM	1	0	18.51	18.48	18.50	19.5	1
3	16QAM	1	8	18.60	18.63	18.56		
3	16QAM	1	14	18.73	18.73	18.79		
3	16QAM	8	0	17.44	17.43	17.40	18.5	2
3	16QAM	8	4	17.28	17.31	17.37		
3	16QAM	8	7	17.31	17.19	17.27		
3	16QAM	15	0	17.38	17.32	17.37		
3	64QAM	1	0	17.64	17.64	17.73	18.5	2
3	64QAM	1	8	17.65	17.60	17.66		
3	64QAM	1	14	17.44	17.56	17.44		
3	64QAM	8	0	16.43	16.36	16.38	17.5	3
3	64QAM	8	4	16.35	16.27	16.33		
3	64QAM	8	7	16.36	16.40	16.39		
3	64QAM	15	0	16.37	16.37	16.41		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.41	19.30	19.40	20.5	0
1.4	QPSK	1	3	19.38	19.33	19.36		
1.4	QPSK	1	5	19.34	19.34	19.39		
1.4	QPSK	3	0	19.08	19.09	19.08		
1.4	QPSK	3	1	19.14	19.05	19.12		
1.4	QPSK	3	3	19.10	19.00	19.06		
1.4	QPSK	6	0	18.36	18.34	18.36	19.5	1
1.4	16QAM	1	0	18.56	18.60	18.55	19.5	1
1.4	16QAM	1	3	18.62	18.58	18.56		
1.4	16QAM	1	5	18.72	18.74	18.72		
1.4	16QAM	3	0	18.12	18.11	18.13		
1.4	16QAM	3	1	18.01	18.04	18.01		
1.4	16QAM	3	3	17.91	17.91	18.00		
1.4	16QAM	6	0	17.31	17.29	17.31	18.5	2
1.4	64QAM	1	0	17.66	17.72	17.64	18.5	2
1.4	64QAM	1	3	17.61	17.55	17.58		
1.4	64QAM	1	5	17.53	17.50	17.57		
1.4	64QAM	3	0	17.08	17.14	17.14		
1.4	64QAM	3	1	17.03	17.01	16.98		
1.4	64QAM	3	3	17.05	17.10	17.12		
1.4	64QAM	6	0	16.41	16.39	16.40	17.5	3

Band 5_Ant2

BW [MHz]	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	20.05	20.11	20.11	21	0
10	QPSK	1	25	20.12	20.21	20.13		
10	QPSK	1	49	20.07	20.12	20.09		
10	QPSK	25	0	19.02	19.13	19.00	20	1
10	QPSK	25	12	18.94	19.11	18.97		
10	QPSK	25	25	18.94	19.07	18.99		
10	QPSK	50	0	19.11	19.17	19.07		
10	16QAM	1	0	19.04	19.05	18.97	20	1
10	16QAM	1	25	19.01	19.02	18.92		
10	16QAM	1	49	18.96	18.96	18.94		
10	16QAM	25	0	18.21	18.29	18.27	19	2
10	16QAM	25	12	18.23	18.28	18.15		
10	16QAM	25	25	17.99	18.09	18.04		
10	16QAM	50	0	18.22	18.27	18.15		
10	64QAM	1	0	17.82	17.95	17.82	19	2
10	64QAM	1	25	17.73	17.91	17.76		
10	64QAM	1	49	17.78	17.86	17.76		
10	64QAM	25	0	17.25	17.26	17.16	18	3
10	64QAM	25	12	17.10	17.19	17.16		
10	64QAM	25	25	17.15	17.16	17.09		
10	64QAM	50	0	17.10	17.18	17.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.02	20.07	20.07	21	0
5	QPSK	1	12	20.11	20.12	20.09		
5	QPSK	1	24	20.03	20.08	20.11		
5	QPSK	12	0	19.02	19.05	19.10	20	1
5	QPSK	12	7	19.03	19.10	19.00		
5	QPSK	12	13	19.01	19.04	19.03		
5	QPSK	25	0	19.13	19.16	19.13		
5	16QAM	1	0	19.02	18.93	18.92	20	1
5	16QAM	1	12	18.97	19.01	18.93		
5	16QAM	1	24	18.90	18.95	18.92		
5	16QAM	12	0	18.20	18.26	18.26	19	2
5	16QAM	12	7	18.25	18.23	18.17		
5	16QAM	12	13	18.03	17.97	18.02		
5	16QAM	25	0	18.14	18.14	18.14		
5	64QAM	1	0	17.80	17.89	17.85	19	2
5	64QAM	1	12	17.86	17.83	17.86		
5	64QAM	1	24	17.74	17.83	17.78		
5	64QAM	12	0	17.20	17.17	17.25	18	3
5	64QAM	12	7	17.12	17.14	17.12		
5	64QAM	12	13	17.15	17.15	17.09		
5	64QAM	25	0	17.12	17.10	17.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.05	20.07	19.99	21	0
3	QPSK	1	8	20.12	20.08	20.19		
3	QPSK	1	14	20.10	20.08	20.08		
3	QPSK	8	0	19.04	19.06	19.00	20	1
3	QPSK	8	4	19.03	19.05	18.98		
3	QPSK	8	7	18.96	19.05	18.96		
3	QPSK	15	0	19.05	19.11	19.16		
3	16QAM	1	0	18.98	19.01	19.00	20	1
3	16QAM	1	8	18.95	18.94	19.01		
3	16QAM	1	14	18.87	18.86	18.95		
3	16QAM	8	0	18.20	18.28	18.23	19	2
3	16QAM	8	4	18.20	18.17	18.16		
3	16QAM	8	7	18.02	18.04	18.08		
3	16QAM	15	0	18.18	18.26	18.17		
3	64QAM	1	0	17.80	17.86	17.80	19	2
3	64QAM	1	8	17.88	17.76	17.79		
3	64QAM	1	14	17.79	17.82	17.77		
3	64QAM	8	0	17.20	17.25	17.16	18	3
3	64QAM	8	4	17.13	17.11	17.09		
3	64QAM	8	7	17.06	17.09	17.07		
3	64QAM	15	0	17.09	17.10	17.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.01	20.06	20.03	21	0
1.4	QPSK	1	3	20.07	20.13	20.08		
1.4	QPSK	1	5	20.08	20.11	20.07		
1.4	QPSK	3	0	19.09	19.06	19.10		
1.4	QPSK	3	1	19.08	19.03	19.03		
1.4	QPSK	3	3	19.04	19.03	19.01		
1.4	QPSK	6	0	19.04	19.06	19.05	20	1
1.4	16QAM	1	0	18.92	18.95	18.96	20	1
1.4	16QAM	1	3	18.99	18.98	18.93		
1.4	16QAM	1	5	18.83	18.93	18.90		
1.4	16QAM	3	0	18.27	18.26	18.23		
1.4	16QAM	3	1	18.27	18.19	18.27		
1.4	16QAM	3	3	18.07	18.00	18.08		
1.4	16QAM	6	0	18.25	18.17	18.23	19	2
1.4	64QAM	1	0	17.80	17.83	17.82	19	2
1.4	64QAM	1	3	17.86	17.90	17.79		
1.4	64QAM	1	5	17.85	17.85	17.79		
1.4	64QAM	3	0	17.16	17.25	17.21		
1.4	64QAM	3	1	17.11	17.14	17.09		
1.4	64QAM	3	3	17.09	17.09	17.12		
1.4	64QAM	6	0	17.08	17.17	17.11	18	3

Band 12_Ant1

BW [MHz]	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	21.56	21.71	21.50	23	0
10	QPSK	1	25	21.61	21.74	21.53		
10	QPSK	1	49	21.60	21.65	21.48		
10	QPSK	25	0	20.52	20.63	20.56	22	1
10	QPSK	25	12	20.48	20.54	20.52		
10	QPSK	25	25	20.49	20.55	20.54		
10	QPSK	50	0	20.44	20.61	20.54		
10	16QAM	1	0	21.12	21.14	20.73	22	1
10	16QAM	1	25	21.07	21.14	20.78		
10	16QAM	1	49	21.08	21.13	20.73		
10	16QAM	25	0	19.56	19.64	19.63	21	2
10	16QAM	25	12	19.77	19.64	19.60		
10	16QAM	25	25	19.65	19.59	19.56		
10	16QAM	50	0	19.70	19.65	19.59		
10	64QAM	1	0	19.71	19.75	19.96	21	2
10	64QAM	1	25	19.64	19.70	19.90		
10	64QAM	1	49	19.64	19.72	19.91		
10	64QAM	25	0	18.65	18.59	18.63	20	3
10	64QAM	25	12	18.59	18.64	18.58		
10	64QAM	25	25	18.55	18.71	18.55		
10	64QAM	50	0	18.62	18.57	18.62		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.69	21.61	21.69	23	0
5	QPSK	1	12	21.66	21.64	21.73		
5	QPSK	1	24	21.63	21.54	21.55		
5	QPSK	12	0	20.55	20.62	20.58	22	1
5	QPSK	12	7	20.49	20.48	20.51		
5	QPSK	12	13	20.45	20.47	20.44		
5	QPSK	25	0	20.58	20.58	20.54		
5	16QAM	1	0	21.02	21.1	21.03	22	1
5	16QAM	1	12	21.05	21.11	21.01		
5	16QAM	1	24	21.12	21.11	21		
5	16QAM	12	0	19.56	19.58	19.57	21	2
5	16QAM	12	7	19.52	19.54	19.63		
5	16QAM	12	13	19.55	19.58	19.46		
5	16QAM	25	0	19.53	19.62	19.6		
5	64QAM	1	0	19.68	19.62	19.64	21	2
5	64QAM	1	12	19.69	19.69	19.61		
5	64QAM	1	24	19.62	19.62	19.59		
5	64QAM	12	0	18.53	18.58	18.51	20	3
5	64QAM	12	7	18.63	18.58	18.57		
5	64QAM	12	13	18.63	18.68	18.65		
5	64QAM	25	0	18.55	18.49	18.52		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.64	21.63	23	0
3	QPSK	1	8	21.69	21.65	21.61		
3	QPSK	1	14	21.59	21.58	21.54		
3	QPSK	8	0	20.6	20.58	20.57	22	1
3	QPSK	8	4	20.47	20.48	20.42		
3	QPSK	8	7	20.5	20.47	20.45		
3	QPSK	15	0	20.5	20.6	20.6		
3	16QAM	1	0	21.05	21.05	21.1	22	1
3	16QAM	1	8	21.07	21.02	21.02		
3	16QAM	1	14	21.04	21.09	21.11		
3	16QAM	8	0	19.6	19.61	19.57	21	2
3	16QAM	8	4	19.51	19.6	19.51		
3	16QAM	8	7	19.56	19.49	19.52		
3	16QAM	15	0	19.53	19.54	19.57		
3	64QAM	1	0	19.61	19.7	19.61	21	2
3	64QAM	1	8	19.63	19.62	19.55		
3	64QAM	1	14	19.62	19.65	19.62		
3	64QAM	8	0	18.53	18.5	18.56	20	3
3	64QAM	8	4	18.61	18.58	18.6		
3	64QAM	8	7	18.66	18.62	18.64		
3	64QAM	15	0	18.55	18.49	18.5		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.63	21.66	21.64	23	0
1.4	QPSK	1	3	21.72	21.73	21.71		
1.4	QPSK	1	5	21.6	21.64	21.62		
1.4	QPSK	3	0	21.31	21.28	21.32		
1.4	QPSK	3	1	21.24	21.16	21.22		
1.4	QPSK	3	3	21.24	21.17	21.2		
1.4	QPSK	6	0	20.58	20.51	20.48	22	1
1.4	16QAM	1	0	21.02	21.09	21.11	22	1
1.4	16QAM	1	3	21.05	21.11	21.02		
1.4	16QAM	1	5	21.03	21.08	21.05		
1.4	16QAM	3	0	20.25	20.27	20.33		
1.4	16QAM	3	1	20.34	20.34	20.31		
1.4	16QAM	3	3	20.18	20.27	20.18		
1.4	16QAM	6	0	19.57	19.57	19.62	21	2
1.4	64QAM	1	0	19.7	19.74	19.7	21	2
1.4	64QAM	1	3	19.59	19.59	19.68		
1.4	64QAM	1	5	19.71	19.67	19.67		
1.4	64QAM	3	0	19.28	19.3	19.22		
1.4	64QAM	3	1	19.26	19.29	19.31		
1.4	64QAM	3	3	19.41	19.4	19.39		
1.4	64QAM	6	0	18.49	18.56	18.54	20	3

Band 12_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.71	21.73	21.74	23	0
10	QPSK	1	25	21.77	21.98	21.76		
10	QPSK	1	49	21.71	21.76	21.75		
10	QPSK	25	0	20.78	20.97	20.91	22	1
10	QPSK	25	12	20.96	20.84	20.88		
10	QPSK	25	25	20.96	20.86	20.83		
10	QPSK	50	0	20.87	20.95	20.93		
10	16QAM	1	0	20.99	21.06	21.08	22	1
10	16QAM	1	25	20.88	20.98	20.92		
10	16QAM	1	49	21.09	20.73	21.11		
10	16QAM	25	0	20.01	20.02	20.07	21	2
10	16QAM	25	12	20.02	20.02	20.04		
10	16QAM	25	25	20.02	20.03	20.01		
10	16QAM	50	0	20.00	20.02	20.01		
10	64QAM	1	0	20.18	20.17	20.00	21	2
10	64QAM	1	25	20.49	20.29	20.30		
10	64QAM	1	49	20.06	20.38	20.31		
10	64QAM	25	0	19.01	19.02	19.00	20	3
10	64QAM	25	12	19.05	19.01	19.07		
10	64QAM	25	25	19.02	19.02	19.08		
10	64QAM	50	0	19.05	19.06	19.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.71	21.72	21.73	23	0
5	QPSK	1	12	21.76	21.82	21.73		
5	QPSK	1	24	21.75	21.71	21.71		
5	QPSK	12	0	20.76	20.96	20.87	22	1
5	QPSK	12	7	20.92	20.83	20.84		
5	QPSK	12	13	20.91	20.85	20.81		
5	QPSK	25	0	20.83	20.94	20.91		
5	16QAM	1	0	20.94	21.02	21.07	22	1
5	16QAM	1	12	20.86	20.96	20.90		
5	16QAM	1	24	21.07	20.71	21.09		
5	16QAM	12	0	20.09	20.12	20.05	21	2
5	16QAM	12	7	20.08	20.09	20.02		
5	16QAM	12	13	20.00	20.09	20.07		
5	16QAM	25	0	20.05	20.07	20.08		
5	64QAM	1	0	20.13	20.14	20.07	21	2
5	64QAM	1	12	20.46	20.26	20.28		
5	64QAM	1	24	20.04	20.35	20.30		
5	64QAM	12	0	19.09	19.08	19.05	20	3
5	64QAM	12	7	19.00	19.08	19.06		
5	64QAM	12	13	19.08	19.07	19.06		
5	64QAM	25	0	19.02	19.05	19.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.71	21.70	23	0
3	QPSK	1	8	21.73	21.78	21.75		
3	QPSK	1	14	21.70	21.75	21.72		
3	QPSK	8	0	20.77	20.92	20.87	22	1
3	QPSK	8	4	20.93	20.79	20.86		
3	QPSK	8	7	20.95	20.83	20.81		
3	QPSK	15	0	20.82	20.91	20.92		
3	16QAM	1	0	20.96	21.03	21.07	22	1
3	16QAM	1	8	20.87	20.93	20.90		
3	16QAM	1	14	21.07	20.71	21.06		
3	16QAM	8	0	20.00	20.01	20.05	21	2
3	16QAM	8	4	20.06	20.00	20.01		
3	16QAM	8	7	20.01	20.03	20.05		
3	16QAM	15	0	20.02	20.01	20.02		
3	64QAM	1	0	20.05	20.13	20.00	21	2
3	64QAM	1	8	20.47	20.28	20.29		
3	64QAM	1	14	20.01	20.36	20.26		
3	64QAM	8	0	19.00	19.03	19.01	20	3
3	64QAM	8	4	19.04	19.00	19.05		
3	64QAM	8	7	19.00	19.00	19.07		
3	64QAM	15	0	19.04	19.03	19.00		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.80	21.86	21.81	23	0
1.4	QPSK	1	3	21.92	21.75	21.95		
1.4	QPSK	1	5	21.92	21.84	21.92		
1.4	QPSK	3	0	21.82	21.92	21.97		
1.4	QPSK	3	1	21.89	21.86	21.71		
1.4	QPSK	3	3	21.94	21.71	21.72		
1.4	QPSK	6	0	21.37	21.40	21.23	22	1
1.4	16QAM	1	0	21.38	21.09	21.13	22	1
1.4	16QAM	1	3	21.14	21.47	21.26		
1.4	16QAM	1	5	21.25	21.33	21.29		
1.4	16QAM	3	0	21.03	21.04	21.09		
1.4	16QAM	3	1	21.36	21.16	21.27		
1.4	16QAM	3	3	21.28	21.11	21.31		
1.4	16QAM	6	0	20.24	20.51	20.33	21	2
1.4	64QAM	1	0	20.46	20.53	20.23	21	2
1.4	64QAM	1	3	20.10	20.19	20.38		
1.4	64QAM	1	5	20.08	20.05	20.23		
1.4	64QAM	3	0	20.03	20.01	20.17		
1.4	64QAM	3	1	20.09	20.25	20.33		
1.4	64QAM	3	3	20.30	20.22	20.06		
1.4	64QAM	6	0	19.01	19.02	19.00	20	3

Band 13_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		19.92		21.5	0
10	QPSK	1	25		20.07			
10	QPSK	1	49		19.89			
10	QPSK	25	0		19.18		20.5	1
10	QPSK	25	12		19.16			
10	QPSK	25	25		19.06			
10	QPSK	50	0		19.13			
10	16QAM	1	0		19.65		20.5	1
10	16QAM	1	25		19.31			
10	16QAM	1	49		19.56			
10	16QAM	25	0		18.13		19.5	2
10	16QAM	25	12		18.18			
10	16QAM	25	25		17.97			
10	16QAM	50	0		18.09			
10	64QAM	1	0		18.26		19.5	2
10	64QAM	1	25		18.35			
10	64QAM	1	49		18.35			
10	64QAM	25	0		17.1		18.5	3
10	64QAM	25	12		17.22			
10	64QAM	25	25		17.04			
10	64QAM	50	0		17.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.83	19.87	19.9	21.5	0
5	QPSK	1	12	20.02	20.02	20		
5	QPSK	1	24	19.81	19.81	19.81		
5	QPSK	12	0	19.01	18.94	18.99	20.5	1
5	QPSK	12	7	19.04	19.05	19.07		
5	QPSK	12	13	19	19.01	18.94		
5	QPSK	25	0	19.12	19.04	19.11		
5	16QAM	1	0	19.6	19.58	19.63	20.5	1
5	16QAM	1	12	19.22	19.27	19.22		
5	16QAM	1	24	19.46	19.53	19.52		
5	16QAM	12	0	18.11	18.03	18.09	19.5	2
5	16QAM	12	7	18.07	18.09	18.07		
5	16QAM	12	13	17.84	17.85	17.88		
5	16QAM	25	0	18.04	18.05	18.03		
5	64QAM	1	0	18.13	18.2	18.17	19.5	2
5	64QAM	1	12	18.33	18.26	18.21		
5	64QAM	1	24	18.22	18.26	18.3		
5	64QAM	12	0	17.08	17.04	17.04	18.5	3
5	64QAM	12	7	17.15	17.19	17.17		
5	64QAM	12	13	16.96	16.96	16.98		
5	64QAM	25	0	17.06	17.04	17.05		

Band 14_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		20.08		21.5	0
10	QPSK	1	25		20.09			
10	QPSK	1	49		20.05			
10	QPSK	25	0		19.22		20.5	1
10	QPSK	25	12		19.11			
10	QPSK	25	25		19.01			
10	QPSK	50	0		19.05			
10	16QAM	1	0		19.29		20.5	1
10	16QAM	1	25		19.17			
10	16QAM	1	49		19.05			
10	16QAM	25	0		18.1		19.5	2
10	16QAM	25	12		18.1			
10	16QAM	25	25		18.17			
10	16QAM	50	0		18.11			
10	64QAM	1	0		18.45		19.5	2
10	64QAM	1	25		18.45			
10	64QAM	1	49		18.45			
10	64QAM	25	0		17.17		18.5	3
10	64QAM	25	12		17.27			
10	64QAM	25	25		17.22			
10	64QAM	50	0		17.11			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	20.03	19.97	20.02	21.5	0
5	QPSK	1	12	19.96	20.04	20.02		
5	QPSK	1	24	19.93	19.97	19.95		
5	QPSK	12	0	19.07	19.03	19.01	20.5	1
5	QPSK	12	7	19.09	19.06	19.1		
5	QPSK	12	13	18.97	19	18.92		
5	QPSK	25	0	19.01	18.96	18.98		
5	16QAM	1	0	19.28	19.28	19.23	20.5	1
5	16QAM	1	12	19.14	19.09	19.12		
5	16QAM	1	24	18.93	18.95	18.97		
5	16QAM	12	0	18	17.99	18.07	19.5	2
5	16QAM	12	7	17.98	18	18.02		
5	16QAM	12	13	18.14	18.10	18.06		
5	16QAM	25	0	18.03	17.98	18.01		
5	64QAM	1	0	18.44	18.33	18.44	19.5	2
5	64QAM	1	12	18.4	18.36	18.31		
5	64QAM	1	24	18.36	18.31	18.44		
5	64QAM	12	0	17.07	17.16	17.13	18.5	3
5	64QAM	12	7	17.17	17.24	17.18		
5	64QAM	12	13	17.13	17.15	17.21		
5	64QAM	25	0	17.08	17.06	17.06		

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.3		18.5	0
10	QPSK	1	25		17.37			
10	QPSK	1	49		17.3			
10	QPSK	25	0		16.41		17.5	1
10	QPSK	25	12		16.4			
10	QPSK	25	25		16.37			
10	QPSK	50	0		16.33			
10	16QAM	1	0		17.02		17.5	1
10	16QAM	1	25		16.66			
10	16QAM	1	49		16.85			
10	16QAM	25	0		15.44		16.5	2
10	16QAM	25	12		15.33			
10	16QAM	25	25		15.33			
10	16QAM	50	0		15.29			
10	64QAM	1	0		15.2		16.5	2
10	64QAM	1	25		15.03			
10	64QAM	1	49		15.12			
10	64QAM	25	0		14.39		15.5	3
10	64QAM	25	12		14.5			
10	64QAM	25	25		14.44			
10	64QAM	50	0		14.4			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.24	17.35	17.24	18.5	0
5	QPSK	1	12	17.21	17.23	17.26		
5	QPSK	1	24	17.25	17.23	17.24		
5	QPSK	12	0	16.27	16.26	16.23	17.5	1
5	QPSK	12	7	16.36	16.39	16.3		
5	QPSK	12	13	16.25	16.28	16.26		
5	QPSK	25	0	16.31	16.23	16.23		
5	16QAM	1	0	16.91	16.94	16.97	17.5	1
5	16QAM	1	12	16.61	16.59	16.59		
5	16QAM	1	24	16.84	16.81	16.77		
5	16QAM	12	0	15.36	15.37	15.41	16.5	2
5	16QAM	12	7	15.22	15.22	15.21		
5	16QAM	12	13	15.25	15.24	15.32		
5	16QAM	25	0	15.23	15.21	15.16		
5	64QAM	1	0	15.13	15.07	15.1	16.5	2
5	64QAM	1	12	15.14	15.05	15.01		
5	64QAM	1	24	15	15.07	15.02		
5	64QAM	12	0	14.37	14.37	14.36	15.5	3
5	64QAM	12	7	14.43	14.46	14.49		
5	64QAM	12	13	14.43	14.34	14.41		
5	64QAM	25	0	14.37	14.32	14.36		

Band 30_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.82		16	0
10	QPSK	1	25		14.95			
10	QPSK	1	49		14.56			
10	QPSK	25	0		13.84		15	1
10	QPSK	25	12		13.77			
10	QPSK	25	25		13.73			
10	QPSK	50	0		13.90			
10	16QAM	1	0		14.03		15	1
10	16QAM	1	25		14.01			
10	16QAM	1	49		13.87			
10	16QAM	25	0		12.90		14	2
10	16QAM	25	12		12.94			
10	16QAM	25	25		12.95			
10	16QAM	50	0		12.93			
10	64QAM	1	0		13.28		14	2
10	64QAM	1	25		13.11			
10	64QAM	1	49		13.20			
10	64QAM	25	0		11.92		13	3
10	64QAM	25	12		11.79			
10	64QAM	25	25		11.89			
10	64QAM	50	0		11.93			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.75	14.79	14.73	16	0
5	QPSK	1	12	14.80	14.83	14.74		
5	QPSK	1	24	14.53	14.45	14.44		
5	QPSK	12	0	13.80	13.73	13.71	15	1
5	QPSK	12	7	13.66	13.68	13.69		
5	QPSK	12	13	13.60	13.64	13.66		
5	QPSK	25	0	13.82	13.77	13.85		
5	16QAM	1	0	14.00	13.92	13.92	15	1
5	16QAM	1	12	14.00	13.93	13.89		
5	16QAM	1	24	13.86	13.76	13.76		
5	16QAM	12	0	12.81	12.86	12.80	14	2
5	16QAM	12	7	12.82	12.83	12.81		
5	16QAM	12	13	12.92	12.91	12.83		
5	16QAM	25	0	12.91	12.83	12.89		
5	64QAM	1	0	13.21	13.16	13.19	14	2
5	64QAM	1	12	13.01	12.99	13.02		
5	64QAM	1	24	13.08	13.19	13.15		
5	64QAM	12	0	11.88	11.82	11.89	13	3
5	64QAM	12	7	11.70	11.77	11.78		
5	64QAM	12	13	11.82	11.86	11.85		
5	64QAM	25	0	11.83	11.88	11.83		

Band 66_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17	17.06	17.03	18.5	0
20	QPSK	1	49	17.05	17.23	17.07		
20	QPSK	1	99	17.03	17.06	17		
20	QPSK	50	0	16.13	16.24	16.19	17.5	1
20	QPSK	50	24	16.05	16.16	16.12		
20	QPSK	50	50	16.04	16.15	16.17		
20	QPSK	100	0	16.03	16.11	15.98		
20	16QAM	1	0	16.54	16.64	16.5	17.5	1
20	16QAM	1	49	16.59	16.6	16.54		
20	16QAM	1	99	16.58	16.59	16.53		
20	16QAM	50	0	15.14	15.2	15.17	16.5	2
20	16QAM	50	24	15.22	15.23	15.14		
20	16QAM	50	50	15.11	15.14	15.11		
20	16QAM	100	0	15.1	15.15	15.12		
20	64QAM	1	0	15.46	15.52	15.41	16.5	2
20	64QAM	1	49	15.35	15.44	15.42		
20	64QAM	1	99	15.2	15.21	15.07		
20	64QAM	50	0	14.22	14.3	14.2	15.5	3
20	64QAM	50	24	14.05	14.12	14.06		
20	64QAM	50	50	14.01	14.08	14.01		
20	64QAM	100	0	14.11	14.14	14.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.94	16.93	17.01	18.5	0
15	QPSK	1	37	17.04	17.06	17		
15	QPSK	1	74	16.95	16.94	17.01		
15	QPSK	36	0	16.16	16.14	16.2	17.5	1
15	QPSK	36	20	16.08	16.11	16.14		
15	QPSK	36	39	16.02	16.09	16.11		
15	QPSK	75	0	15.98	16.04	15.98		
15	16QAM	1	0	16.52	16.55	16.59	17.5	1
15	16QAM	1	37	16.47	16.59	16.48		
15	16QAM	1	74	16.55	16.58	16.48		
15	16QAM	36	0	15.07	15.08	15.07	16.5	2
15	16QAM	36	20	15.13	15.17	15.17		
15	16QAM	36	39	15.03	15.13	15.07		
15	16QAM	75	0	15.03	15.11	15.09		
15	64QAM	1	0	15.5	15.37	15.37	16.5	2
15	64QAM	1	37	15.4	15.41	15.41		
15	64QAM	1	74	15.07	15.2	15.14		
15	64QAM	36	0	14.26	14.2	14.21	15.5	3
15	64QAM	36	20	14.09	14.08	14.1		
15	64QAM	36	39	14.04	14.05	14.02		
15	64QAM	75	0	14.09	14.13	14.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.98	17.01	17.03	18.5	0
10	QPSK	1	25	17	17.06	17.06		
10	QPSK	1	49	17.01	16.95	16.93		
10	QPSK	25	0	16.23	16.17	16.16	17.5	1
10	QPSK	25	12	16.03	16.13	16.15		
10	QPSK	25	25	16.13	16.08	16.02		
10	QPSK	50	0	16.07	16.04	16.1		
10	16QAM	1	0	16.51	16.51	16.51	17.5	1
10	16QAM	1	25	16.53	16.57	16.58		
10	16QAM	1	49	16.58	16.53	16.55		
10	16QAM	25	0	15.14	15.12	15.19	16.5	2
10	16QAM	25	12	15.12	15.22	15.13		
10	16QAM	25	25	15.05	15.07	15.04		
10	16QAM	50	0	15.06	15.03	15.03		
10	64QAM	1	0	15.43	15.37	15.46	16.5	2
10	64QAM	1	25	15.35	15.33	15.35		
10	64QAM	1	49	15.13	15.16	15.12		
10	64QAM	25	0	14.23	14.21	14.27	15.5	3
10	64QAM	25	12	14.02	14.05	14.06		
10	64QAM	25	25	14.06	14.02	14.04		
10	64QAM	50	0	14.06	14.05	14.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.93	17.04	16.94	18.5	0
5	QPSK	1	12	17.03	17	17.04		
5	QPSK	1	24	16.99	17.02	17.02		
5	QPSK	12	0	16.12	16.19	16.18	17.5	1
5	QPSK	12	7	16.13	16.05	16.1		
5	QPSK	12	13	16.14	16.14	16.12		
5	QPSK	25	0	15.99	16.09	16.04		
5	16QAM	1	0	16.56	16.54	16.56	17.5	1
5	16QAM	1	12	16.53	16.51	16.56		
5	16QAM	1	24	16.55	16.49	16.58		
5	16QAM	12	0	15.13	15.11	15.11	16.5	2
5	16QAM	12	7	15.11	15.22	15.21		
5	16QAM	12	13	15.03	15.03	15.05		
5	16QAM	25	0	15.06	15.13	15.08		
5	64QAM	1	0	15.51	15.48	15.5	16.5	2
5	64QAM	1	12	15.43	15.31	15.36		
5	64QAM	1	24	15.14	15.15	15.15		
5	64QAM	12	0	14.28	14.23	14.2	15.5	3
5	64QAM	12	7	14.03	14.1	14.09		
5	64QAM	12	13	14.01	14.04	14.02		
5	64QAM	25	0	14.04	14.09	14.05		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.99	17.02	17.05	18.5	0
3	QPSK	1	8	17.02	17.01	17.06		
3	QPSK	1	14	16.93	16.94	16.99		
3	QPSK	8	0	16.22	16.23	16.22	17.5	1
3	QPSK	8	4	16.05	16.03	16.14		
3	QPSK	8	7	16.12	16.09	16.09		
3	QPSK	15	0	16.03	16.05	16.06		
3	16QAM	1	0	16.52	16.53	16.53	17.5	1
3	16QAM	1	8	16.5	16.47	16.52		
3	16QAM	1	14	16.55	16.49	16.53		
3	16QAM	8	0	15.18	15.13	15.13	16.5	2
3	16QAM	8	4	15.16	15.13	15.16		
3	16QAM	8	7	15.03	15.04	15.02		
3	16QAM	15	0	15.11	15.04	15.06		
3	64QAM	1	0	15.51	15.47	15.42	16.5	2
3	64QAM	1	8	15.43	15.3	15.42		
3	64QAM	1	14	15.15	15.18	15.12		
3	64QAM	8	0	14.21	14.2	14.21	15.5	3
3	64QAM	8	4	14.04	14.11	14.07		
3	64QAM	8	7	14.07	14.05	14.04		
3	64QAM	15	0	14.07	14.06	14.12		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.02	17	17	18.5	0
1.4	QPSK	1	3	17.11	17.1	17.08		
1.4	QPSK	1	5	17.05	16.96	16.98		
1.4	QPSK	3	0	16.88	16.92	16.93		
1.4	QPSK	3	1	16.82	16.84	16.79		
1.4	QPSK	3	3	16.8	16.76	16.78		
1.4	QPSK	6	0	16.02	15.99	16	17.5	1
1.4	16QAM	1	0	16.63	16.52	16.6	17.5	1
1.4	16QAM	1	3	16.52	16.59	16.53		
1.4	16QAM	1	5	16.52	16.58	16.58		
1.4	16QAM	3	0	15.77	15.88	15.78		
1.4	16QAM	3	1	15.8	15.88	15.89		
1.4	16QAM	3	3	15.75	15.73	15.82		
1.4	16QAM	6	0	15.12	15.03	15.12	16.5	2
1.4	64QAM	1	0	15.42	15.39	15.45	16.5	2
1.4	64QAM	1	3	15.32	15.34	15.34		
1.4	64QAM	1	5	15.2	15.07	15.17		
1.4	64QAM	3	0	14.93	14.92	14.94		
1.4	64QAM	3	1	14.73	14.8	14.81		
1.4	64QAM	3	3	14.7	14.72	14.75		
1.4	64QAM	6	0	14.13	14.12	14.06	15.5	3

Reduced Power Mode for Handheld on

<GSM Power_State1>

GSM850_Ant1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.12	31.11	31.13	32.50	22.12	22.11	22.13	23.50
GPRS 1 Tx slot	31.01	31.02	31.01	32.50	22.01	22.02	22.01	23.50
GPRS 2 Tx slots	30.61	30.51	30.51	32.00	24.61	24.51	24.51	26.00
GPRS 3 Tx slots	29.08	29.07	29.07	30.50	24.82	24.81	24.81	26.24
GPRS 4 Tx slots	27.72	27.70	27.67	29.50	24.72	24.70	24.67	26.50
EDGE 1 Tx slot	25.96	25.95	25.86	27.00	16.96	16.95	16.86	18.00
EDGE 2 Tx slots	24.76	24.76	24.76	26.00	18.76	18.76	18.76	20.00
EDGE 3 Tx slots	22.79	22.71	22.70	23.50	18.53	18.45	18.44	19.24
EDGE 4 Tx slots	21.51	21.53	21.57	22.50	18.51	18.53	18.57	19.50

GSM850_Ant2	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.11	29.16	29.08	31.00	20.11	20.16	20.08	22.00
GPRS 1 Tx slot	29.17	29.15	29.24	31.00	20.17	20.15	20.24	22.00
GPRS 2 Tx slots	28.48	28.44	28.46	30.00	22.48	22.44	22.46	24.00
GPRS 3 Tx slots	27.27	27.27	27.19	28.00	23.01	23.01	22.93	23.74
GPRS 4 Tx slots	25.76	25.69	25.71	27.00	22.76	22.69	22.71	24.00
EDGE 1 Tx slot	24.35	24.36	24.34	26.00	15.35	15.36	15.34	17.00
EDGE 2 Tx slots	23.42	23.34	23.41	25.00	17.42	17.34	17.41	19.00
EDGE 3 Tx slots	21.38	21.39	21.34	23.00	17.12	17.13	17.08	18.74
EDGE 4 Tx slots	20.15	20.18	20.16	21.00	17.15	17.18	17.16	18.00

GSM1900_Ant1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.28	24.30	24.31	25.50	15.28	15.30	15.31	16.50
GPRS 1 Tx slot	24.35	24.40	24.29	25.50	15.35	15.40	15.29	16.50
GPRS 2 Tx slots	23.91	23.87	23.84	25.00	17.91	17.87	17.84	19.00
GPRS 3 Tx slots	22.40	22.38	22.42	23.50	18.14	18.12	18.16	19.24
GPRS 4 Tx slots	21.38	21.28	21.41	22.50	18.38	18.28	18.41	19.50
EDGE 1 Tx slot	21.14	21.12	21.19	22.50	12.14	12.12	12.19	13.50
EDGE 2 Tx slots	20.21	20.18	20.18	21.50	14.21	14.18	14.18	15.50
EDGE 3 Tx slots	18.39	18.48	18.41	19.50	14.13	14.22	14.15	15.24
EDGE 4 Tx slots	17.33	17.36	17.29	18.50	14.33	14.36	14.29	15.50

GSM1900_Ant2	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.40	25.32	25.43	26.50	16.40	16.32	16.43	17.50
GPRS 1 Tx slot	25.32	25.42	25.39	26.50	16.32	16.42	16.39	17.50
GPRS 2 Tx slots	24.68	24.76	24.74	25.50	18.68	18.76	18.74	19.50
GPRS 3 Tx slots	23.43	23.43	23.50	23.50	19.17	19.17	19.24	19.24
GPRS 4 Tx slots	22.05	22.07	22.08	22.50	19.05	19.07	19.08	19.50
EDGE 1 Tx slot	22.90	22.91	22.95	23.50	13.90	13.91	13.95	14.50
EDGE 2 Tx slots	22.08	22.14	22.15	22.50	16.08	16.14	16.15	16.50
EDGE 3 Tx slots	20.26	20.22	20.17	20.50	16.00	15.96	15.91	16.24
EDGE 4 Tx slots	19.15	19.17	19.23	19.50	16.15	16.17	16.23	16.50

Band		WCDMA II_Ant1			Tune-up Limit	WCDMA IV_Ant1			Tune-up Limit	WCDMA V_Ant1			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.45	18.53	18.57	19.50	19.10	19.15	19.14	20.00	22.55	22.51	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	18.51	18.57	18.62	19.50	19.13	19.18	19.21	20.00	22.60	22.55	22.53	24.00
3GPP Rel 6	HSDPA Subtest-1	17.48	17.60	17.59	18.50	18.12	18.22	18.18	19.00	21.38	21.44	21.38	23.00
3GPP Rel 6	HSDPA Subtest-2	17.37	17.50	17.53	18.50	18.09	18.06	18.13	19.00	21.42	21.41	21.28	23.00
3GPP Rel 6	HSDPA Subtest-3	16.92	17.00	16.96	18.00	17.66	17.56	17.64	18.50	20.98	20.89	20.82	22.50
3GPP Rel 6	HSDPA Subtest-4	16.90	16.97	16.96	18.00	17.62	17.55	17.71	18.50	21.01	20.93	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.57	16.59	16.53	18.50	17.21	17.10	17.11	19.00	21.35	21.43	21.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.67	16.64	16.63	18.50	17.12	17.17	17.21	19.00	21.38	21.40	21.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.27	16.26	16.21	18.00	16.74	16.70	16.72	18.50	20.96	20.87	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.40	16.38	16.32	18.00	16.66	16.67	16.61	18.50	21.00	20.90	20.78	22.50
3GPP Rel 6	HSUPA Subtest-1	14.95	14.88	14.91	16.50	15.46	15.42	15.43	17.00	19.53	19.47	19.45	21.00
3GPP Rel 6	HSUPA Subtest-2	14.91	14.86	14.97	16.50	15.32	15.34	15.40	17.00	19.57	19.50	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	15.82	15.85	15.91	17.50	16.45	16.51	16.44	18.00	20.49	20.32	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	14.32	14.33	14.40	16.00	15.01	14.94	15.06	16.50	19.01	18.96	18.95	20.50
3GPP Rel 6	HSUPA Subtest-5	15.55	15.62	15.53	17.50	16.76	16.74	16.77	18.00	20.46	20.40	20.40	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.21	14.22	14.32	16.00	14.90	14.90	14.89	16.50	18.88	18.81	18.84	20.50

Band		WCDMA II_Ant2			Tune-up Limit	WCDMA V_Ant2			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.74	16.73	16.78	18.50	21.53	21.49	21.42	23.00
3GPP Rel 99	RMC 12.2Kbps	16.77	16.77	16.81	18.50	21.72	21.52	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	15.84	15.88	15.81	17.50	20.36	20.40	20.35	22.00
3GPP Rel 6	HSDPA Subtest-2	15.76	15.65	15.76	17.50	20.33	20.30	20.29	22.00
3GPP Rel 6	HSDPA Subtest-3	15.10	15.18	15.07	17.00	19.98	19.90	19.88	21.50
3GPP Rel 6	HSDPA Subtest-4	15.24	15.24	15.15	17.00	19.92	19.89	19.85	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.85	15.76	15.85	17.50	20.32	20.39	20.33	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.72	15.61	15.72	17.50	20.31	20.28	20.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.03	15.07	15.15	17.00	19.97	19.85	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.16	15.19	15.18	17.00	19.90	19.84	19.80	21.50
3GPP Rel 6	HSUPA Subtest-1	13.95	13.86	13.90	15.50	18.51	18.42	18.38	20.00
3GPP Rel 6	HSUPA Subtest-2	13.81	13.71	13.81	15.50	18.53	18.43	18.35	20.00
3GPP Rel 6	HSUPA Subtest-3	14.82	14.77	14.81	16.50	19.50	19.44	19.41	21.00
3GPP Rel 6	HSUPA Subtest-4	13.26	13.29	13.31	15.00	17.99	17.89	17.87	19.50
3GPP Rel 6	HSUPA Subtest-5	14.65	14.68	14.69	16.50	19.40	19.38	19.38	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.17	13.16	13.14	15.00	17.95	17.85	17.86	19.50

Band 2_Ant1

BW [MHz]	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	18.77	18.85	18.70	20	0
20	QPSK	1	49	18.85	18.86	18.71		
20	QPSK	1	99	18.81	18.83	18.67		
20	QPSK	50	0	17.63	17.88	17.69	19	1
20	QPSK	50	24	17.54	17.84	17.60		
20	QPSK	50	50	17.60	17.85	17.67		
20	QPSK	100	0	17.61	17.69	17.56		
20	16QAM	1	0	18.14	18.14	18.16	19	1
20	16QAM	1	49	17.92	17.87	17.87		
20	16QAM	1	99	18.04	17.95	18.04		
20	16QAM	50	0	16.72	16.74	16.74	18	2
20	16QAM	50	24	16.84	16.72	16.73		
20	16QAM	50	50	16.78	16.59	16.50		
20	16QAM	100	0	16.71	16.77	16.64		
20	64QAM	1	0	16.37	16.33	16.41	18	2
20	64QAM	1	49	16.53	16.55	16.60		
20	64QAM	1	99	16.31	16.30	16.37		
20	64QAM	50	0	15.70	15.72	15.74	17	3
20	64QAM	50	24	15.74	15.75	15.61		
20	64QAM	50	50	15.75	15.61	15.40		
20	64QAM	100	0	15.79	15.66	15.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.58	18.60	18.64	20	0
15	QPSK	1	37	18.66	18.58	18.63		
15	QPSK	1	74	18.65	18.64	18.57		
15	QPSK	36	0	17.63	17.68	17.67	19	1
15	QPSK	36	20	17.49	17.57	17.57		
15	QPSK	36	39	17.59	17.62	17.54		
15	QPSK	75	0	17.47	17.50	17.51		
15	16QAM	1	0	18.07	18.14	18.15	19	1
15	16QAM	1	37	17.76	17.74	17.75		
15	16QAM	1	74	17.93	17.99	17.98		
15	16QAM	36	0	16.72	16.73	16.70	18	2
15	16QAM	36	20	16.71	16.60	16.68		
15	16QAM	36	39	16.37	16.41	16.45		
15	16QAM	75	0	16.51	16.58	16.52		
15	64QAM	1	0	16.34	16.34	16.31	18	2
15	64QAM	1	37	16.50	16.55	16.47		
15	64QAM	1	74	16.24	16.27	16.29		
15	64QAM	36	0	15.73	15.72	15.72	17	3
15	64QAM	36	20	15.58	15.53	15.53		
15	64QAM	36	39	15.33	15.33	15.34		
15	64QAM	75	0	15.48	15.44	15.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.65	18.65	18.69	20	0
10	QPSK	1	25	18.65	18.59	18.60		
10	QPSK	1	49	18.58	18.62	18.63		
10	QPSK	25	0	17.65	17.58	17.62	19	1
10	QPSK	25	12	17.47	17.54	17.57		
10	QPSK	25	25	17.54	17.63	17.60		
10	QPSK	50	0	17.54	17.51	17.49		
10	16QAM	1	0	18.13	18.14	18.12	19	1
10	16QAM	1	25	17.84	17.84	17.74		
10	16QAM	1	49	17.94	17.96	17.99		
10	16QAM	25	0	16.61	16.71	16.65	18	2
10	16QAM	25	12	16.68	16.61	16.60		
10	16QAM	25	25	16.41	16.49	16.42		
10	16QAM	50	0	16.54	16.53	16.54		
10	64QAM	1	0	16.27	16.27	16.35	18	2
10	64QAM	1	25	16.54	16.46	16.58		
10	64QAM	1	49	16.24	16.35	16.29		
10	64QAM	25	0	15.64	15.72	15.72	17	3
10	64QAM	25	12	15.60	15.57	15.57		
10	64QAM	25	25	15.38	15.33	15.39		
10	64QAM	50	0	15.48	15.51	15.49		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.61	18.58	18.61	20	0
5	QPSK	1	12	18.65	18.66	18.65		
5	QPSK	1	24	18.61	18.57	18.56		
5	QPSK	12	0	17.62	17.59	17.56	19	1
5	QPSK	12	7	17.54	17.58	17.54		
5	QPSK	12	13	17.63	17.64	17.59		
5	QPSK	25	0	17.46	17.43	17.49		
5	16QAM	1	0	18.11	18.06	18.06	19	1
5	16QAM	1	12	17.80	17.78	17.86		
5	16QAM	1	24	18.01	18.03	18.03		
5	16QAM	12	0	16.70	16.72	16.67	18	2
5	16QAM	12	7	16.63	16.67	16.69		
5	16QAM	12	13	16.38	16.43	16.49		
5	16QAM	25	0	16.52	16.57	16.60		
5	64QAM	1	0	16.34	16.30	16.30	18	2
5	64QAM	1	12	16.49	16.49	16.57		
5	64QAM	1	24	16.35	16.28	16.29		
5	64QAM	12	0	15.69	15.71	15.73	17	3
5	64QAM	12	7	15.53	15.53	15.58		
5	64QAM	12	13	15.37	15.38	15.32		
5	64QAM	25	0	15.45	15.48	15.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.65	18.63	18.57	20	0
3	QPSK	1	8	18.63	18.69	18.66		
3	QPSK	1	14	18.56	18.63	18.56		
3	QPSK	8	0	17.61	17.64	17.59	19	1
3	QPSK	8	4	17.47	17.56	17.55		
3	QPSK	8	7	17.56	17.59	17.59		
3	QPSK	15	0	17.50	17.45	17.54		
3	16QAM	1	0	18.06	18.06	18.12	19	1
3	16QAM	1	8	17.81	17.83	17.80		
3	16QAM	1	14	17.99	17.94	17.94		
3	16QAM	8	0	16.71	16.69	16.65	18	2
3	16QAM	8	4	16.70	16.66	16.64		
3	16QAM	8	7	16.42	16.46	16.38		
3	16QAM	15	0	16.63	16.60	16.58		
3	64QAM	1	0	16.29	16.37	16.30	18	2
3	64QAM	1	8	16.59	16.48	16.48		
3	64QAM	1	14	16.32	16.29	16.29		
3	64QAM	8	0	15.70	15.69	15.69	17	3
3	64QAM	8	4	15.51	15.53	15.57		
3	64QAM	8	7	15.37	15.38	15.32		
3	64QAM	15	0	15.44	15.42	15.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.73	18.83	18.72	20	0
1.4	QPSK	1	3	18.77	18.76	18.77		
1.4	QPSK	1	5	18.82	18.73	18.75		
1.4	QPSK	3	0	18.66	18.61	18.57		
1.4	QPSK	3	1	18.58	18.56	18.61		
1.4	QPSK	3	3	18.52	18.56	18.58		
1.4	QPSK	6	0	17.68	17.57	17.64	19	1
1.4	16QAM	1	0	18.17	18.16	18.16	19	1
1.4	16QAM	1	3	17.83	17.89	17.90		
1.4	16QAM	1	5	17.97	17.99	17.96		
1.4	16QAM	3	0	17.48	17.42	17.44		
1.4	16QAM	3	1	17.39	17.48	17.46		
1.4	16QAM	3	3	17.27	17.35	17.26		
1.4	16QAM	6	0	16.67	16.74	16.68	18	2
1.4	64QAM	1	0	16.31	16.34	16.34	18	2
1.4	64QAM	1	3	16.61	16.56	16.52		
1.4	64QAM	1	5	16.27	16.29	16.40		
1.4	64QAM	3	0	16.45	16.50	16.44		
1.4	64QAM	3	1	16.53	16.51	16.47		
1.4	64QAM	3	3	16.36	16.35	16.33		
1.4	64QAM	6	0	15.60	15.58	15.59	17	3

Band 2_Ant2

BW [MHz]	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	19.05	19.04	19.00	20	0
20	QPSK	1	49	19.06	19.12	19.04		
20	QPSK	1	99	19.05	19.08	18.96		
20	QPSK	50	0	18.35	18.36	18.34	19	1
20	QPSK	50	24	18.32	18.32	18.33		
20	QPSK	50	50	18.29	18.31	18.33		
20	QPSK	100	0	18.28	18.33	18.29		
20	16QAM	1	0	18.33	18.34	18.32	19	1
20	16QAM	1	49	18.24	18.27	18.21		
20	16QAM	1	99	17.88	18.00	17.96		
20	16QAM	50	0	17.24	17.27	17.24	18	2
20	16QAM	50	24	17.20	17.30	17.21		
20	16QAM	50	50	17.00	17.05	17.01		
20	16QAM	100	0	17.13	17.21	17.11		
20	64QAM	1	0	17.01	17.05	16.90	18	2
20	64QAM	1	49	17.14	17.29	17.15		
20	64QAM	1	99	17.18	17.28	17.22		
20	64QAM	50	0	16.26	16.34	16.28	17	3
20	64QAM	50	24	16.20	16.30	16.20		
20	64QAM	50	50	16.00	16.06	16.05		
20	64QAM	100	0	16.29	16.30	16.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.92	18.99	19.03	20	0
15	QPSK	1	37	19.11	19.09	19.08		
15	QPSK	1	74	18.99	18.98	18.95		
15	QPSK	36	0	18.27	18.26	18.34	19	1
15	QPSK	36	20	18.23	18.23	18.29		
15	QPSK	36	39	18.25	18.21	18.29		
15	QPSK	75	0	18.22	18.22	18.24		
15	16QAM	1	0	18.32	18.30	18.24	19	1
15	16QAM	1	37	18.24	18.25	18.23		
15	16QAM	1	74	17.96	17.92	17.89		
15	16QAM	36	0	17.26	17.17	17.19	18	2
15	16QAM	36	20	17.19	17.29	17.26		
15	16QAM	36	39	17.02	17.00	16.96		
15	16QAM	75	0	17.09	17.12	17.10		
15	64QAM	1	0	17.04	16.97	17.03	18	2
15	64QAM	1	37	17.21	17.25	17.23		
15	64QAM	1	74	17.20	17.26	17.26		
15	64QAM	36	0	16.28	16.26	16.30	17	3
15	64QAM	36	20	16.25	16.27	16.28		
15	64QAM	36	39	16.01	16.04	16.00		
15	64QAM	75	0	16.27	16.20	16.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.03	18.96	18.91	20	0
10	QPSK	1	25	19.11	19.04	19.04		
10	QPSK	1	49	19.07	19.01	18.99		
10	QPSK	25	0	18.29	18.29	18.28	19	1
10	QPSK	25	12	18.25	18.23	18.31		
10	QPSK	25	25	18.28	18.29	18.25		
10	QPSK	50	0	18.26	18.31	18.24		
10	16QAM	1	0	18.22	18.32	18.31	19	1
10	16QAM	1	25	18.14	18.19	18.19		
10	16QAM	1	49	17.90	17.98	17.94		
10	16QAM	25	0	17.22	17.25	17.15	18	2
10	16QAM	25	12	17.28	17.17	17.22		
10	16QAM	25	25	16.94	16.94	16.93		
10	16QAM	50	0	17.12	17.18	17.12		
10	64QAM	1	0	16.96	16.90	17.03	18	2
10	64QAM	1	25	17.20	17.19	17.16		
10	64QAM	1	49	17.25	17.17	17.15		
10	64QAM	25	0	16.30	16.30	16.27	17	3
10	64QAM	25	12	16.28	16.29	16.22		
10	64QAM	25	25	15.98	15.99	16.03		
10	64QAM	50	0	16.27	16.20	16.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.95	19.03	19.03	20	0
5	QPSK	1	12	19.11	19.01	19.07		
5	QPSK	1	24	19.01	18.98	18.97		
5	QPSK	12	0	18.29	18.24	18.25	19	1
5	QPSK	12	7	18.19	18.29	18.28		
5	QPSK	12	13	18.18	18.26	18.19		
5	QPSK	25	0	18.25	18.23	18.22		
5	16QAM	1	0	18.31	18.24	18.27	19	1
5	16QAM	1	12	18.24	18.14	18.15		
5	16QAM	1	24	17.94	17.88	17.99		
5	16QAM	12	0	17.22	17.15	17.23	18	2
5	16QAM	12	7	17.17	17.17	17.27		
5	16QAM	12	13	17.04	16.97	17.03		
5	16QAM	25	0	17.10	17.19	17.12		
5	64QAM	1	0	17.03	16.94	16.97	18	2
5	64QAM	1	12	17.17	17.27	17.22		
5	64QAM	1	24	17.14	17.13	17.26		
5	64QAM	12	0	16.26	16.29	16.33	17	3
5	64QAM	12	7	16.23	16.25	16.24		
5	64QAM	12	13	16.05	15.98	16.04		
5	64QAM	25	0	16.28	16.20	16.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.92	18.97	19.00	20	0
3	QPSK	1	8	19.02	19.02	19.05		
3	QPSK	1	14	18.97	19.00	19.03		
3	QPSK	8	0	18.33	18.29	18.28	19	1
3	QPSK	8	4	18.20	18.20	18.30		
3	QPSK	8	7	18.29	18.29	18.18		
3	QPSK	15	0	18.20	18.28	18.22		
3	16QAM	1	0	18.28	18.32	18.26	19	1
3	16QAM	1	8	18.24	18.16	18.25		
3	16QAM	1	14	17.98	17.87	17.91		
3	16QAM	8	0	17.26	17.16	17.22	18	2
3	16QAM	8	4	17.29	17.18	17.18		
3	16QAM	8	7	16.95	16.94	16.95		
3	16QAM	15	0	17.15	17.08	17.18		
3	64QAM	1	0	17.03	16.97	17.00	18	2
3	64QAM	1	8	17.19	17.22	17.18		
3	64QAM	1	14	17.24	17.23	17.26		
3	64QAM	8	0	16.33	16.24	16.25	17	3
3	64QAM	8	4	16.21	16.21	16.22		
3	64QAM	8	7	15.96	16.04	15.96		
3	64QAM	15	0	16.22	16.27	16.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.01	18.95	18.91	20	0
1.4	QPSK	1	3	19.01	19.10	19.08		
1.4	QPSK	1	5	19.01	19.03	19.05		
1.4	QPSK	3	0	19.03	18.96	19.03		
1.4	QPSK	3	1	18.91	18.94	19.01		
1.4	QPSK	3	3	18.95	18.88	18.95		
1.4	QPSK	6	0	18.31	18.28	18.30	19	1
1.4	16QAM	1	0	18.29	18.26	18.29	19	1
1.4	16QAM	1	3	18.26	18.19	18.26		
1.4	16QAM	1	5	18.57	18.67	18.63		
1.4	16QAM	3	0	17.86	17.85	17.92		
1.4	16QAM	3	1	17.99	17.88	17.97		
1.4	16QAM	3	3	17.71	17.71	17.67		
1.4	16QAM	6	0	17.15	17.12	17.10	18	2
1.4	64QAM	1	0	16.94	16.99	16.96	18	2
1.4	64QAM	1	3	17.27	17.17	17.16		
1.4	64QAM	1	5	17.27	17.14	17.17		
1.4	64QAM	3	0	16.97	16.98	16.97		
1.4	64QAM	3	1	16.96	16.98	16.91		
1.4	64QAM	3	3	16.73	16.69	16.75		
1.4	64QAM	6	0	16.23	16.21	16.22	17	3

Band 4_Ant1

BW [MHz]	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	19.11	18.97	18.89	20	0
20	QPSK	1	49	19.36	19.37	19.05		
20	QPSK	1	99	19.04	19.01	19.05		
20	QPSK	50	0	18.27	18.33	18.20	19	1
20	QPSK	50	24	18.19	18.30	18.17		
20	QPSK	50	50	18.18	18.24	18.16		
20	QPSK	100	0	18.11	18.21	18.08		
20	16QAM	1	0	17.84	17.81	17.69	19	1
20	16QAM	1	49	18.06	18.01	18.01		
20	16QAM	1	99	18.02	18.05	18.01		
20	16QAM	50	0	17.21	17.28	17.17	18	2
20	16QAM	50	24	17.22	17.24	17.20		
20	16QAM	50	50	17.19	16.99	17.06		
20	16QAM	100	0	17.22	17.21	17.08		
20	64QAM	1	0	16.91	16.99	16.97	18	2
20	64QAM	1	49	16.92	16.99	17.00		
20	64QAM	1	99	16.93	16.95	17.12		
20	64QAM	50	0	16.24	16.23	16.20	17	3
20	64QAM	50	24	16.26	16.23	16.07		
20	64QAM	50	50	16.09	15.94	15.95		
20	64QAM	100	0	16.19	16.10	16.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.86	18.93	18.92	20	0
15	QPSK	1	37	19.36	19.34	19.24		
15	QPSK	1	74	18.88	18.99	18.90		
15	QPSK	36	0	18.26	18.29	18.25	19	1
15	QPSK	36	20	18.25	18.24	18.28		
15	QPSK	36	39	18.17	18.12	18.20		
15	QPSK	75	0	18.10	18.10	18.12		
15	16QAM	1	0	17.77	17.80	17.77	19	1
15	16QAM	1	37	17.89	17.98	17.96		
15	16QAM	1	74	17.93	18.02	17.97		
15	16QAM	36	0	17.18	17.24	17.23	18	2
15	16QAM	36	20	17.19	17.19	17.23		
15	16QAM	36	39	16.94	16.92	16.87		
15	16QAM	75	0	17.13	17.08	17.17		
15	64QAM	1	0	16.87	16.87	16.91	18	2
15	64QAM	1	37	16.90	16.87	16.89		
15	64QAM	1	74	16.81	16.91	16.80		
15	64QAM	36	0	16.22	16.20	16.18	17	3
15	64QAM	36	20	16.21	16.18	16.15		
15	64QAM	36	39	15.90	15.86	15.93		
15	64QAM	75	0	16.09	16.08	16.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.90	18.92	18.96	20	0
10	QPSK	1	25	19.26	19.29	19.27		
10	QPSK	1	49	18.90	18.91	18.89		
10	QPSK	25	0	18.25	18.21	18.22	19	1
10	QPSK	25	12	18.27	18.28	18.17		
10	QPSK	25	25	18.12	18.22	18.18		
10	QPSK	50	0	18.19	18.18	18.12		
10	16QAM	1	0	17.79	17.80	17.71	19	1
10	16QAM	1	25	17.92	17.90	17.91		
10	16QAM	1	49	18.03	17.92	18.03		
10	16QAM	25	0	17.24	17.22	17.26	18	2
10	16QAM	25	12	17.23	17.16	17.18		
10	16QAM	25	25	16.89	16.97	16.90		
10	16QAM	50	0	17.20	17.10	17.18		
10	64QAM	1	0	16.91	16.96	16.92	18	2
10	64QAM	1	25	16.85	16.91	16.87		
10	64QAM	1	49	16.94	16.80	16.85		
10	64QAM	25	0	16.20	16.18	16.15	17	3
10	64QAM	25	12	16.16	16.15	16.19		
10	64QAM	25	25	15.87	15.87	15.89		
10	64QAM	50	0	16.03	16.03	16.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.84	18.95	18.88	20	0
5	QPSK	1	12	19.29	19.30	19.27		
5	QPSK	1	24	18.88	18.90	18.95		
5	QPSK	12	0	18.23	18.24	18.20	19	1
5	QPSK	12	7	18.19	18.25	18.22		
5	QPSK	12	13	18.14	18.16	18.19		
5	QPSK	25	0	18.19	18.11	18.19		
5	16QAM	1	0	17.69	17.72	17.73	19	1
5	16QAM	1	12	17.96	17.90	17.88		
5	16QAM	1	24	18.04	17.99	17.97		
5	16QAM	12	0	17.25	17.23	17.21	18	2
5	16QAM	12	7	17.18	17.11	17.11		
5	16QAM	12	13	16.86	16.89	16.98		
5	16QAM	25	0	17.15	17.18	17.11		
5	64QAM	1	0	16.92	16.96	16.86	18	2
5	64QAM	1	12	16.97	16.90	16.92		
5	64QAM	1	24	16.93	16.88	16.88		
5	64QAM	12	0	16.15	16.22	16.15	17	3
5	64QAM	12	7	16.15	16.15	16.21		
5	64QAM	12	13	15.91	15.89	15.84		
5	64QAM	25	0	16.05	16.04	16.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.84	18.85	18.90	20	0
3	QPSK	1	8	19.35	19.30	19.27		
3	QPSK	1	14	18.92	18.96	18.97		
3	QPSK	8	0	18.30	18.24	18.22	19	1
3	QPSK	8	4	18.20	18.26	18.17		
3	QPSK	8	7	18.12	18.16	18.22		
3	QPSK	15	0	18.18	18.08	18.11		
3	16QAM	1	0	17.73	17.74	17.79	19	1
3	16QAM	1	8	17.99	17.95	17.88		
3	16QAM	1	14	18.01	17.96	17.99		
3	16QAM	8	0	17.18	17.22	17.23	18	2
3	16QAM	8	4	17.16	17.21	17.21		
3	16QAM	8	7	16.98	16.93	16.90		
3	16QAM	15	0	17.11	17.16	17.15		
3	64QAM	1	0	16.95	16.93	16.98	18	2
3	64QAM	1	8	16.90	16.86	16.98		
3	64QAM	1	14	16.80	16.80	16.87		
3	64QAM	8	0	16.17	16.21	16.15	17	3
3	64QAM	8	4	16.15	16.15	16.15		
3	64QAM	8	7	15.89	15.91	15.93		
3	64QAM	15	0	16.03	16.08	16.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.91	18.91	18.91	20	0
1.4	QPSK	1	3	19.31	19.32	19.34		
1.4	QPSK	1	5	18.89	18.99	18.99		
1.4	QPSK	3	0	18.92	18.98	19.00		
1.4	QPSK	3	1	18.98	18.99	18.96		
1.4	QPSK	3	3	18.83	18.81	18.86		
1.4	QPSK	6	0	18.14	18.09	18.16	19	1
1.4	16QAM	1	0	17.80	17.70	17.77	15	1
1.4	16QAM	1	3	18.00	17.98	17.92		
1.4	16QAM	1	5	18.00	17.94	17.97		
1.4	16QAM	3	0	17.90	17.86	17.87		
1.4	16QAM	3	1	17.82	17.83	17.88		
1.4	16QAM	3	3	17.57	17.61	17.56		
1.4	16QAM	6	0	17.15	17.19	17.11	18	2
1.4	64QAM	1	0	16.90	16.97	16.94	18	2
1.4	64QAM	1	3	16.97	16.96	16.95		
1.4	64QAM	1	5	16.83	16.89	16.84		
1.4	64QAM	3	0	16.90	16.89	16.91		
1.4	64QAM	3	1	16.84	16.83	16.90		
1.4	64QAM	3	3	16.62	16.57	16.59		
1.4	64QAM	6	0	16.05	16.01	16.07	17	3

Band 5_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.37	22.54	22.43	24	0
10	QPSK	1	25	22.44	22.55	22.47		
10	QPSK	1	49	22.37	22.50	22.38		
10	QPSK	25	0	21.23	21.34	21.27	23	1
10	QPSK	25	12	21.20	21.32	21.19		
10	QPSK	25	25	21.22	21.30	21.20		
10	QPSK	50	0	21.26	21.30	21.26		
10	16QAM	1	0	21.46	21.49	21.40	23	1
10	16QAM	1	25	21.55	21.70	21.66		
10	16QAM	1	49	21.49	21.55	21.42		
10	16QAM	25	0	20.23	20.30	20.26	22	2
10	16QAM	25	12	20.26	20.28	20.27		
10	16QAM	25	25	20.34	20.27	20.27		
10	16QAM	50	0	20.27	20.33	20.26		
10	64QAM	1	0	20.35	20.41	20.36	22	2
10	64QAM	1	25	20.65	20.47	20.43		
10	64QAM	1	49	20.37	20.35	20.32		
10	64QAM	25	0	19.22	19.34	19.29	21	3
10	64QAM	25	12	19.28	19.27	19.27		
10	64QAM	25	25	19.33	19.29	19.27		
10	64QAM	50	0	19.30	19.34	19.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.05	22.09	22.08	24	0
5	QPSK	1	12	22.25	22.21	22.25		
5	QPSK	1	24	22.09	22.07	22.02		
5	QPSK	12	0	21.23	21.30	21.17	23	1
5	QPSK	12	7	21.27	21.16	21.15		
5	QPSK	12	13	21.24	21.25	21.18		
5	QPSK	25	0	21.25	21.29	21.22		
5	16QAM	1	0	21.44	21.48	21.37	23	1
5	16QAM	1	12	21.53	21.67	21.55		
5	16QAM	1	24	21.49	21.45	21.42		
5	16QAM	12	0	20.15	20.29	20.18	22	2
5	16QAM	12	7	20.20	20.23	20.18		
5	16QAM	12	13	20.23	20.25	20.21		
5	16QAM	25	0	20.23	20.22	20.26		
5	64QAM	1	0	20.27	20.38	20.34	22	2
5	64QAM	1	12	20.55	20.44	20.42		
5	64QAM	1	24	20.28	20.33	20.23		
5	64QAM	12	0	19.19	19.25	19.27	21	3
5	64QAM	12	7	19.23	19.21	19.26		
5	64QAM	12	13	19.30	19.28	19.20		
5	64QAM	25	0	19.27	19.31	19.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.17	22.16	22.09	24	0
3	QPSK	1	8	22.22	22.20	22.11		
3	QPSK	1	14	22.18	22.18	22.09		
3	QPSK	8	0	21.21	21.22	21.22	23	1
3	QPSK	8	4	21.28	21.28	21.24		
3	QPSK	8	7	21.25	21.21	21.19		
3	QPSK	15	0	21.24	21.23	21.22		
3	16QAM	1	0	21.43	21.45	21.40	23	1
3	16QAM	1	8	21.46	21.47	21.42		
3	16QAM	1	14	21.43	21.43	21.40		
3	16QAM	8	0	20.24	20.25	20.28	22	2
3	16QAM	8	4	20.32	20.32	20.30		
3	16QAM	8	7	20.30	20.31	20.25		
3	16QAM	15	0	20.23	20.25	20.22		
3	64QAM	1	0	20.40	20.35	20.31	22	2
3	64QAM	1	8	20.52	20.38	20.51		
3	64QAM	1	14	20.39	20.37	20.40		
3	64QAM	8	0	19.29	19.26	19.25	21	3
3	64QAM	8	4	19.33	19.34	19.30		
3	64QAM	8	7	19.31	19.29	19.26		
3	64QAM	15	0	19.24	19.24	19.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.11	22.10	22.03	24	0
1.4	QPSK	1	3	22.11	22.23	22.16		
1.4	QPSK	1	5	22.02	22.09	22.08		
1.4	QPSK	3	0	22.22	22.21	22.14		
1.4	QPSK	3	1	22.25	22.26	22.19		
1.4	QPSK	3	3	22.22	22.21	22.16		
1.4	QPSK	6	0	21.23	21.21	21.21	23	1
1.4	16QAM	1	0	21.35	21.39	21.34	23	1
1.4	16QAM	1	3	21.46	21.52	21.46		
1.4	16QAM	1	5	21.38	21.37	21.37		
1.4	16QAM	3	0	21.17	21.18	21.19		
1.4	16QAM	3	1	21.22	21.23	21.19		
1.4	16QAM	3	3	21.17	21.18	21.15		
1.4	16QAM	6	0	20.28	20.29	20.29	22	2
1.4	64QAM	1	0	20.27	20.25	20.28	22	2
1.4	64QAM	1	3	20.35	20.44	20.36		
1.4	64QAM	1	5	20.47	20.28	20.33		
1.4	64QAM	3	0	20.33	20.30	20.29		
1.4	64QAM	3	1	20.34	20.34	20.37		
1.4	64QAM	3	3	20.32	20.30	20.28		
1.4	64QAM	6	0	19.24	19.27	19.21	21	3

Band 5_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.76	21.61	21.60	23	0
10	QPSK	1	25	21.90	21.92	21.76		
10	QPSK	1	49	21.70	21.54	21.51		
10	QPSK	25	0	20.76	20.77	20.69	22	1
10	QPSK	25	12	20.73	20.66	20.59		
10	QPSK	25	25	20.67	20.74	20.68		
10	QPSK	50	0	20.65	20.84	20.79		
10	16QAM	1	0	20.67	20.78	20.78	22	1
10	16QAM	1	25	21.17	20.79	20.99		
10	16QAM	1	49	20.99	20.74	20.99		
10	16QAM	25	0	19.60	19.81	19.67	21	2
10	16QAM	25	12	19.69	19.62	19.68		
10	16QAM	25	25	19.71	19.66	19.67		
10	16QAM	50	0	19.70	19.69	19.66		
10	64QAM	1	0	19.99	19.71	19.89	21	2
10	64QAM	1	25	20.18	19.94	19.97		
10	64QAM	1	49	19.94	19.78	19.95		
10	64QAM	25	0	18.77	18.70	18.74	20	3
10	64QAM	25	12	18.74	18.77	18.64		
10	64QAM	25	25	18.70	18.73	18.65		
10	64QAM	50	0	18.72	18.69	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.54	21.51	21.41	23	0
5	QPSK	1	12	21.67	21.87	21.54		
5	QPSK	1	24	21.64	21.38	21.33		
5	QPSK	12	0	20.50	20.71	20.65	22	1
5	QPSK	12	7	20.61	20.55	20.55		
5	QPSK	12	13	20.78	20.70	20.57		
5	QPSK	25	0	20.53	20.71	20.82		
5	16QAM	1	0	20.64	20.67	20.77	22	1
5	16QAM	1	12	21.07	20.67	20.92		
5	16QAM	1	24	20.92	20.68	20.89		
5	16QAM	12	0	19.46	19.70	19.67	21	2
5	16QAM	12	7	19.60	19.50	19.62		
5	16QAM	12	13	19.59	19.56	19.57		
5	16QAM	25	0	19.67	19.65	19.65		
5	64QAM	1	0	19.87	19.61	19.88	21	2
5	64QAM	1	12	20.13	19.81	19.83		
5	64QAM	1	24	19.88	19.75	19.91		
5	64QAM	12	0	18.64	18.62	18.60	20	3
5	64QAM	12	7	18.74	18.71	18.52		
5	64QAM	12	13	18.61	18.66	18.65		
5	64QAM	25	0	18.70	18.69	18.54		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.56	21.47	21.45	23	0
3	QPSK	1	8	21.76	21.87	21.62		
3	QPSK	1	14	21.60	21.43	21.45		
3	QPSK	8	0	20.47	20.78	20.63	22	1
3	QPSK	8	4	20.74	20.63	20.55		
3	QPSK	8	7	20.65	20.68	20.64		
3	QPSK	15	0	20.56	20.78	20.70		
3	16QAM	1	0	20.62	20.64	20.72	22	1
3	16QAM	1	8	21.08	20.69	20.91		
3	16QAM	1	14	20.91	20.67	20.87		
3	16QAM	8	0	19.55	19.68	19.63	21	2
3	16QAM	8	4	19.69	19.60	19.70		
3	16QAM	8	7	19.59	19.60	19.58		
3	16QAM	15	0	19.66	19.56	19.53		
3	64QAM	1	0	19.91	19.64	19.92	21	2
3	64QAM	1	8	20.12	19.85	19.86		
3	64QAM	1	14	19.82	19.77	19.91		
3	64QAM	8	0	18.67	18.59	18.72	20	3
3	64QAM	8	4	18.71	18.66	18.60		
3	64QAM	8	7	18.60	18.68	18.53		
3	64QAM	15	0	18.63	18.67	18.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.47	21.48	21.51	23	0
1.4	QPSK	1	3	21.64	21.64	21.62		
1.4	QPSK	1	5	21.62	21.47	21.34		
1.4	QPSK	3	0	21.49	21.65	21.58		
1.4	QPSK	3	1	21.73	21.57	21.72		
1.4	QPSK	3	3	21.64	21.54	21.53		
1.4	QPSK	6	0	20.78	20.56	20.56	22	1
1.4	16QAM	1	0	20.72	20.63	21.00	22	1
1.4	16QAM	1	3	21.11	20.62	20.86		
1.4	16QAM	1	5	20.43	20.42	20.63		
1.4	16QAM	3	0	20.56	20.66	20.58		
1.4	16QAM	3	1	20.76	20.50	20.48		
1.4	16QAM	3	3	20.69	20.61	20.63		
1.4	16QAM	6	0	19.86	19.72	19.68	21	2
1.4	64QAM	1	0	19.61	19.56	19.66	21	2
1.4	64QAM	1	3	19.50	19.77	19.82		
1.4	64QAM	1	5	19.61	19.81	19.58		
1.4	64QAM	3	0	19.80	19.85	19.80		
1.4	64QAM	3	1	19.98	19.76	19.80		
1.4	64QAM	3	3	19.82	19.76	19.79		
1.4	64QAM	6	0	18.65	18.66	18.47	20	3

Band 12_Ant1

BW [MHz]	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	22.46	22.45	22.40	24	0
10	QPSK	1	25	22.49	22.60	22.39		
10	QPSK	1	49	22.48	22.45	22.38		
10	QPSK	25	0	21.46	21.53	21.48	23	1
10	QPSK	25	12	21.50	21.50	21.52		
10	QPSK	25	25	21.50	21.48	21.49		
10	QPSK	50	0	21.51	21.55	21.52		
10	16QAM	1	0	21.75	21.95	21.91	23	1
10	16QAM	1	25	21.98	22.08	22.03		
10	16QAM	1	49	21.91	21.88	21.88		
10	16QAM	25	0	20.63	20.70	20.72	22	2
10	16QAM	25	12	20.73	20.69	20.70		
10	16QAM	25	25	20.72	20.67	20.70		
10	16QAM	50	0	20.67	20.71	20.69		
10	64QAM	1	0	20.87	20.74	20.71	22	2
10	64QAM	1	25	20.91	20.89	20.91		
10	64QAM	1	49	20.78	20.80	20.79		
10	64QAM	25	0	19.61	19.70	19.69	21	3
10	64QAM	25	12	19.69	19.68	19.70		
10	64QAM	25	25	19.73	19.67	19.64		
10	64QAM	50	0	19.66	19.68	19.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.28	22.34	22.31	24	0
5	QPSK	1	12	22.34	22.38	22.46		
5	QPSK	1	24	22.36	22.37	22.37		
5	QPSK	12	0	21.44	21.49	21.46	23	1
5	QPSK	12	7	21.53	21.5	21.52		
5	QPSK	12	13	21.51	21.46	21.44		
5	QPSK	25	0	21.46	21.46	21.43		
5	16QAM	1	0	21.9	21.83	21.81	23	1
5	16QAM	1	12	22.08	22	22.04		
5	16QAM	1	24	21.87	21.94	21.71		
5	16QAM	12	0	20.56	20.66	20.63	22	2
5	16QAM	12	7	20.73	20.66	20.68		
5	16QAM	12	13	20.67	20.65	20.58		
5	16QAM	25	0	20.64	20.64	20.67		
5	64QAM	1	0	20.65	20.69	20.73	22	2
5	64QAM	1	12	20.94	20.91	20.93		
5	64QAM	1	24	20.74	20.79	20.72		
5	64QAM	12	0	19.57	19.67	19.63	21	3
5	64QAM	12	7	19.78	19.74	19.7		
5	64QAM	12	13	19.7	19.69	19.62		
5	64QAM	25	0	19.63	19.68	19.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.44	22.42	24	0
3	QPSK	1	8	22.43	22.41	22.4		
3	QPSK	1	14	22.51	22.48	22.47		
3	QPSK	8	0	21.43	21.48	21.47	23	1
3	QPSK	8	4	21.48	21.5	21.54		
3	QPSK	8	7	21.55	21.48	21.43		
3	QPSK	15	0	21.47	21.45	21.46		
3	16QAM	1	0	21.81	21.84	21.86	23	1
3	16QAM	1	8	21.9	21.84	21.84		
3	16QAM	1	14	21.94	21.92	21.9		
3	16QAM	8	0	20.64	20.69	20.7	22	2
3	16QAM	8	4	20.76	20.75	20.76		
3	16QAM	8	7	20.71	20.68	20.65		
3	16QAM	15	0	20.6	20.63	20.66		
3	64QAM	1	0	20.85	20.78	20.78	22	2
3	64QAM	1	8	20.82	20.81	20.77		
3	64QAM	1	14	20.81	20.92	20.88		
3	64QAM	8	0	19.67	19.7	19.7	21	3
3	64QAM	8	4	19.74	19.7	19.73		
3	64QAM	8	7	19.72	19.68	19.66		
3	64QAM	15	0	19.65	19.64	19.63		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.19	22.28	22.34	24	0
1.4	QPSK	1	3	22.38	22.48	22.5		
1.4	QPSK	1	5	22.34	22.39	22.39		
1.4	QPSK	3	0	22.41	22.45	22.45		
1.4	QPSK	3	1	22.46	22.49	22.49		
1.4	QPSK	3	3	22.44	22.46	22.47		
1.4	QPSK	6	0	21.64	21.61	21.62	23	1
1.4	16QAM	1	0	21.72	21.8	21.78	23	1
1.4	16QAM	1	3	21.93	21.89	21.92		
1.4	16QAM	1	5	21.76	21.81	21.8		
1.4	16QAM	3	0	21.6	21.59	21.55		
1.4	16QAM	3	1	21.63	21.7	21.63		
1.4	16QAM	3	3	21.58	21.59	21.6		
1.4	16QAM	6	0	20.71	20.73	20.71	22	2
1.4	64QAM	1	0	20.85	20.7	20.69	22	2
1.4	64QAM	1	3	20.83	20.86	20.79		
1.4	64QAM	1	5	20.69	20.8	20.71		
1.4	64QAM	3	0	20.71	20.7	20.75		
1.4	64QAM	3	1	20.81	20.77	20.77		
1.4	64QAM	3	3	20.73	20.75	20.76		
1.4	64QAM	6	0	19.65	19.6	19.65	21	3

Band 12_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.71	21.73	21.74	23	0
10	QPSK	1	25	21.77	21.98	21.76		
10	QPSK	1	49	21.71	21.76	21.75		
10	QPSK	25	0	20.78	20.97	20.91	22	1
10	QPSK	25	12	20.96	20.84	20.88		
10	QPSK	25	25	20.96	20.86	20.83		
10	QPSK	50	0	20.87	20.95	20.93		
10	16QAM	1	0	20.99	21.06	21.08	22	1
10	16QAM	1	25	20.88	20.98	20.92		
10	16QAM	1	49	21.09	20.73	21.11		
10	16QAM	25	0	20.01	20.02	20.07	21	2
10	16QAM	25	12	20.02	20.02	20.04		
10	16QAM	25	25	20.02	20.03	20.01		
10	16QAM	50	0	20.00	20.02	20.01		
10	64QAM	1	0	20.18	20.17	20.00	21	2
10	64QAM	1	25	20.49	20.29	20.30		
10	64QAM	1	49	20.06	20.38	20.31		
10	64QAM	25	0	19.01	19.02	19.00	20	3
10	64QAM	25	12	19.05	19.01	19.07		
10	64QAM	25	25	19.02	19.02	19.08		
10	64QAM	50	0	19.05	19.06	19.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.71	21.72	21.73	23	0
5	QPSK	1	12	21.76	21.82	21.73		
5	QPSK	1	24	21.75	21.71	21.71		
5	QPSK	12	0	20.76	20.96	20.87	22	1
5	QPSK	12	7	20.92	20.83	20.84		
5	QPSK	12	13	20.91	20.85	20.81		
5	QPSK	25	0	20.83	20.94	20.91		
5	16QAM	1	0	20.94	21.02	21.07	22	1
5	16QAM	1	12	20.86	20.96	20.90		
5	16QAM	1	24	21.07	20.71	21.09		
5	16QAM	12	0	20.09	20.12	20.05	21	2
5	16QAM	12	7	20.08	20.09	20.02		
5	16QAM	12	13	20.00	20.09	20.07		
5	16QAM	25	0	20.05	20.07	20.08		
5	64QAM	1	0	20.13	20.14	20.07	21	2
5	64QAM	1	12	20.46	20.26	20.28		
5	64QAM	1	24	20.04	20.35	20.30		
5	64QAM	12	0	19.09	19.08	19.05	20	3
5	64QAM	12	7	19.00	19.08	19.06		
5	64QAM	12	13	19.08	19.07	19.06		
5	64QAM	25	0	19.02	19.05	19.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.71	21.70	23	0
3	QPSK	1	8	21.73	21.78	21.75		
3	QPSK	1	14	21.70	21.75	21.72		
3	QPSK	8	0	20.77	20.92	20.87	22	1
3	QPSK	8	4	20.93	20.79	20.86		
3	QPSK	8	7	20.95	20.83	20.81		
3	QPSK	15	0	20.82	20.91	20.92		
3	16QAM	1	0	20.96	21.03	21.07	22	1
3	16QAM	1	8	20.87	20.93	20.90		
3	16QAM	1	14	21.07	20.71	21.06		
3	16QAM	8	0	20.00	20.01	20.05	21	2
3	16QAM	8	4	20.06	20.00	20.01		
3	16QAM	8	7	20.01	20.03	20.05		
3	16QAM	15	0	20.02	20.01	20.02		
3	64QAM	1	0	20.05	20.13	20.00	21	2
3	64QAM	1	8	20.47	20.28	20.29		
3	64QAM	1	14	20.01	20.36	20.26		
3	64QAM	8	0	19.00	19.03	19.01	20	3
3	64QAM	8	4	19.04	19.00	19.05		
3	64QAM	8	7	19.00	19.00	19.07		
3	64QAM	15	0	19.04	19.03	19.00		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.80	21.86	21.81	23	0
1.4	QPSK	1	3	21.92	21.75	21.95		
1.4	QPSK	1	5	21.92	21.84	21.92		
1.4	QPSK	3	0	21.82	21.92	21.97		
1.4	QPSK	3	1	21.89	21.86	21.71		
1.4	QPSK	3	3	21.94	21.71	21.72		
1.4	QPSK	6	0	21.37	21.40	21.23	22	1
1.4	16QAM	1	0	21.38	21.09	21.13	22	1
1.4	16QAM	1	3	21.14	21.47	21.26		
1.4	16QAM	1	5	21.25	21.33	21.29		
1.4	16QAM	3	0	21.03	21.04	21.09		
1.4	16QAM	3	1	21.36	21.16	21.27		
1.4	16QAM	3	3	21.28	21.11	21.31		
1.4	16QAM	6	0	20.24	20.51	20.33	21	2
1.4	64QAM	1	0	20.46	20.53	20.23	21	2
1.4	64QAM	1	3	20.10	20.19	20.38		
1.4	64QAM	1	5	20.08	20.05	20.23		
1.4	64QAM	3	0	20.03	20.01	20.17		
1.4	64QAM	3	1	20.09	20.25	20.33		
1.4	64QAM	3	3	20.30	20.22	20.06		
1.4	64QAM	6	0	19.01	19.02	19.00	20	3

Band 13_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.5		24	0
10	QPSK	1	25		22.54			
10	QPSK	1	49		22.44			
10	QPSK	25	0		21.33		23	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.29			
10	QPSK	50	0		21.31			
10	16QAM	1	0		21.37		23	1
10	16QAM	1	25		21.7			
10	16QAM	1	49		21.45			
10	16QAM	25	0		20.28		22	2
10	16QAM	25	12		20.34			
10	16QAM	25	25		20.29			
10	16QAM	50	0		20.28			
10	64QAM	1	0		20.34		22	2
10	64QAM	1	25		20.51			
10	64QAM	1	49		20.4			
10	64QAM	25	0		19.27		21	3
10	64QAM	25	12		19.31			
10	64QAM	25	25		19.28			
10	64QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.14	22.14	22.12	24	0
5	QPSK	1	12	22.39	22.31	22.35		
5	QPSK	1	24	22.13	22.11	22.17		
5	QPSK	12	0	21.23	21.3	21.3	23	1
5	QPSK	12	7	21.32	21.3	21.3		
5	QPSK	12	13	21.26	21.23	21.26		
5	QPSK	25	0	21.26	21.3	21.26		
5	16QAM	1	0	21.37	21.42	21.37	23	1
5	16QAM	1	12	21.55	21.53	21.59		
5	16QAM	1	24	21.35	21.32	21.33		
5	16QAM	12	0	20.19	20.27	20.25	22	2
5	16QAM	12	7	20.27	20.27	20.22		
5	16QAM	12	13	20.26	20.22	20.21		
5	16QAM	25	0	20.19	20.27	20.26		
5	64QAM	1	0	20.28	20.29	20.26	22	2
5	64QAM	1	12	20.52	20.57	20.51		
5	64QAM	1	24	20.3	20.23	20.27		
5	64QAM	12	0	19.26	19.28	19.31	21	3
5	64QAM	12	7	19.34	19.32	19.31		
5	64QAM	12	13	19.3	19.25	19.25		
5	64QAM	25	0	19.3	19.29	19.31		

Band 14_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		22.41		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.42			
10	QPSK	25	0		21.36		23	1
10	QPSK	25	12		21.31			
10	QPSK	25	25		21.26			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.21		23	1
10	16QAM	1	25		21.63			
10	16QAM	1	49		21.71			
10	16QAM	25	0		20.39		22	2
10	16QAM	25	12		20.31			
10	16QAM	25	25		20.35			
10	16QAM	50	0		20.29			
10	64QAM	1	0		20.48		22	2
10	64QAM	1	25		20.61			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.31		21	3
10	64QAM	25	12		19.43			
10	64QAM	25	25		19.35			
10	64QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.17	22.12	22.15	24	0
5	QPSK	1	12	22.39	22.45	22.31		
5	QPSK	1	24	22.2	22.2	22.26		
5	QPSK	12	0	21.38	21.3	21.35	23	1
5	QPSK	12	7	21.4	21.38	21.51		
5	QPSK	12	13	21.31	21.35	21.28		
5	QPSK	25	0	21.32	21.39	21.38		
5	16QAM	1	0	21.69	21.7	21.44	23	1
5	16QAM	1	12	21.8	21.94	21.93		
5	16QAM	1	24	21.6	21.66	21.45		
5	16QAM	12	0	20.35	20.22	20.32	22	2
5	16QAM	12	7	20.36	20.35	20.34		
5	16QAM	12	13	20.41	20.37	20.27		
5	16QAM	25	0	20.41	20.27	20.3		
5	64QAM	1	0	20.27	20.32	20.27	22	2
5	64QAM	1	12	20.62	20.5	20.19		
5	64QAM	1	24	20.37	20.28	20.28		
5	64QAM	12	0	19.4	19.47	19.5	21	3
5	64QAM	12	7	19.4	19.51	19.47		
5	64QAM	12	13	19.45	19.52	19.23		
5	64QAM	25	0	19.3	19.33	19.29		

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.32		19.5	0
10	QPSK	1	25		18.51			
10	QPSK	1	49		18.49			
10	QPSK	25	0		17.64		18.5	1
10	QPSK	25	12		17.6			
10	QPSK	25	25		17.56			
10	QPSK	50	0		17.52			
10	16QAM	1	0		17.82		18.5	1
10	16QAM	1	25		17.81			
10	16QAM	1	49		17.41			
10	16QAM	25	0		16.77		17.5	2
10	16QAM	25	12		16.72			
10	16QAM	25	25		16.6			
10	16QAM	50	0		16.72			
10	64QAM	1	0		16.97		17.5	2
10	64QAM	1	25		16.67			
10	64QAM	1	49		16.77			
10	64QAM	25	0		15.86		16.5	3
10	64QAM	25	12		15.68			
10	64QAM	25	25		15.75			
10	64QAM	50	0		15.75			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.25	18.24	18.23	19.5	0
5	QPSK	1	12	18.38	18.5	18.47		
5	QPSK	1	24	18.38	18.43	18.38		
5	QPSK	12	0	17.57	17.61	17.56	18.5	1
5	QPSK	12	7	17.51	17.53	17.56		
5	QPSK	12	13	17.55	17.48	17.43		
5	QPSK	25	0	17.39	17.46	17.46		
5	16QAM	1	0	17.77	17.81	17.82	18.5	1
5	16QAM	1	12	17.69	17.74	17.76		
5	16QAM	1	24	17.55	17.57	17.53		
5	16QAM	12	0	16.74	16.71	16.74	17.5	2
5	16QAM	12	7	16.6	16.65	16.65		
5	16QAM	12	13	16.58	16.58	16.52		
5	16QAM	25	0	16.71	16.59	16.64		
5	64QAM	1	0	16.96	16.93	16.82	17.5	2
5	64QAM	1	12	16.52	16.6	16.59		
5	64QAM	1	24	16.7	16.72	16.74		
5	64QAM	12	0	15.81	15.84	15.83	16.5	3
5	64QAM	12	7	15.6	15.59	15.63		
5	64QAM	12	13	15.72	15.65	15.69		
5	64QAM	25	0	15.69	15.66	15.72		

Band 30_Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.33		19.5	0
10	QPSK	1	25		18.35			
10	QPSK	1	49		18.17			
10	QPSK	25	0		17.23		18.5	1
10	QPSK	25	12		17.21			
10	QPSK	25	25		17.22			
10	QPSK	50	0		17.29			
10	16QAM	1	0		17.21		18.5	1
10	16QAM	1	25		17.17			
10	16QAM	1	49		17.18			
10	16QAM	25	0		16.28		17.5	2
10	16QAM	25	12		16.17			
10	16QAM	25	25		16.25			
10	16QAM	50	0		16.31			
10	64QAM	1	0		16.41		17.5	2
10	64QAM	1	25		16.01			
10	64QAM	1	49		16.10			
10	64QAM	25	0		15.16		16.5	3
10	64QAM	25	12		15.30			
10	64QAM	25	25		15.10			
10	64QAM	50	0		15.17			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.24	18.31	18.29	19.5	0
5	QPSK	1	12	18.24	18.33	18.27		
5	QPSK	1	24	18.10	18.05	18.08		
5	QPSK	12	0	17.21	17.15	17.22	18.5	1
5	QPSK	12	7	17.20	17.10	17.15		
5	QPSK	12	13	17.12	17.14	17.21		
5	QPSK	25	0	17.24	17.28	17.24		
5	16QAM	1	0	17.15	17.08	17.14	18.5	1
5	16QAM	1	12	17.14	17.16	17.13		
5	16QAM	1	24	17.16	17.15	17.08		
5	16QAM	12	0	16.27	16.27	16.25	17.5	2
5	16QAM	12	7	16.11	16.06	16.15		
5	16QAM	12	13	16.21	16.23	16.23		
5	16QAM	25	0	16.27	16.21	16.18		
5	64QAM	1	0	16.26	16.31	16.34	17.5	2
5	64QAM	1	12	15.89	15.92	15.89		
5	64QAM	1	24	16.03	16.04	15.95		
5	64QAM	12	0	15.12	15.08	15.06	16.5	3
5	64QAM	12	7	15.25	15.27	15.29		
5	64QAM	12	13	15.09	15.01	15.05		
5	64QAM	25	0	15.12	15.16	15.16		

Band 66_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.4	18.47	18.52	20	0
20	QPSK	1	49	18.47	18.56	18.55		
20	QPSK	1	99	18.46	18.55	18.5		
20	QPSK	50	0	17.52	17.53	17.43	19	1
20	QPSK	50	24	17.49	17.44	17.41		
20	QPSK	50	50	17.48	17.5	17.38		
20	QPSK	100	0	17.39	17.48	17.22		
20	16QAM	1	0	17.24	17.29	17.26	19	1
20	16QAM	1	49	17.18	17.21	17.19		
20	16QAM	1	99	17.19	17.26	17.2		
20	16QAM	50	0	16.4	16.54	16.25	18	2
20	16QAM	50	24	16.59	16.37	16.29		
20	16QAM	50	50	16.37	16.32	16.11		
20	16QAM	100	0	16.39	16.47	16.19		
20	64QAM	1	0	16.62	16.57	16.41	18	2
20	64QAM	1	49	16.57	16.56	16.42		
20	64QAM	1	99	16.54	16.51	16.37		
20	64QAM	50	0	15.42	15.44	15.21	17	3
20	64QAM	50	24	15.51	15.45	15.25		
20	64QAM	50	50	15.46	15.17	15.01		
20	64QAM	100	0	15.42	15.31	15.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.39	18.38	18.34	20	0
15	QPSK	1	37	18.43	18.51	18.44		
15	QPSK	1	74	18.45	18.5	18.48		
15	QPSK	36	0	17.45	17.41	17.43	19	1
15	QPSK	36	20	17.42	17.39	17.38		
15	QPSK	36	39	17.42	17.44	17.43		
15	QPSK	75	0	17.41	17.39	17.47		
15	16QAM	1	0	17.24	17.28	17.17	19	1
15	16QAM	1	37	17.14	17.11	17.17		
15	16QAM	1	74	17.25	17.19	17.21		
15	16QAM	36	0	16.49	16.41	16.51	18	2
15	16QAM	36	20	16.31	16.26	16.24		
15	16QAM	36	39	16.2	16.24	16.27		
15	16QAM	75	0	16.37	16.4	16.46		
15	64QAM	1	0	16.46	16.47	16.49	18	2
15	64QAM	1	37	16.44	16.51	16.47		
15	64QAM	1	74	16.42	16.37	16.5		
15	64QAM	36	0	15.42	15.42	15.42	17	3
15	64QAM	36	20	15.4	15.41	15.36		
15	64QAM	36	39	15.12	15.16	15.14		
15	64QAM	75	0	15.29	15.27	15.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.42	18.37	18.46	20	0
10	QPSK	1	25	18.45	18.53	18.47		
10	QPSK	1	49	18.54	18.51	18.49		
10	QPSK	25	0	17.49	17.46	17.5	19	1
10	QPSK	25	12	17.4	17.35	17.37		
10	QPSK	25	25	17.47	17.37	17.47		
10	QPSK	50	0	17.44	17.44	17.35		
10	16QAM	1	0	17.2	17.23	17.23	19	1
10	16QAM	1	25	17.14	17.19	17.13		
10	16QAM	1	49	17.13	17.16	17.15		
10	16QAM	25	0	16.46	16.47	16.53	18	2
10	16QAM	25	12	16.26	16.3	16.35		
10	16QAM	25	25	16.28	16.3	16.24		
10	16QAM	50	0	16.42	16.44	16.39		
10	64QAM	1	0	16.46	16.49	16.55	18	2
10	64QAM	1	25	16.41	16.51	16.45		
10	64QAM	1	49	16.47	16.45	16.43		
10	64QAM	25	0	15.4	15.41	15.37	17	3
10	64QAM	25	12	15.4	15.41	15.35		
10	64QAM	25	25	15.16	15.15	15.1		
10	64QAM	50	0	15.22	15.23	15.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.45	18.43	18.38	20	0
5	QPSK	1	12	18.48	18.52	18.52		
5	QPSK	1	24	18.44	18.48	18.5		
5	QPSK	12	0	17.49	17.49	17.41	19	1
5	QPSK	12	7	17.42	17.39	17.32		
5	QPSK	12	13	17.46	17.38	17.48		
5	QPSK	25	0	17.35	17.38	17.4		
5	16QAM	1	0	17.21	17.26	17.17	19	1
5	16QAM	1	12	17.17	17.13	17.16		
5	16QAM	1	24	17.2	17.19	17.2		
5	16QAM	12	0	16.52	16.45	16.48	18	2
5	16QAM	12	7	16.31	16.28	16.33		
5	16QAM	12	13	16.2	16.3	16.28		
5	16QAM	25	0	16.39	16.39	16.41		
5	64QAM	1	0	16.47	16.42	16.54	18	2
5	64QAM	1	12	16.54	16.49	16.46		
5	64QAM	1	24	16.47	16.39	16.4		
5	64QAM	12	0	15.35	15.38	15.34	17	3
5	64QAM	12	7	15.44	15.36	15.43		
5	64QAM	12	13	15.16	15.12	15.09		
5	64QAM	25	0	15.22	15.27	15.27		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.4	18.38	18.46	20	0
3	QPSK	1	8	18.52	18.54	18.48		
3	QPSK	1	14	18.5	18.49	18.48		
3	QPSK	8	0	17.4	17.46	17.48	19	1
3	QPSK	8	4	17.38	17.41	17.43		
3	QPSK	8	7	17.38	17.44	17.38		
3	QPSK	15	0	17.36	17.45	17.46		
3	16QAM	1	0	17.28	17.16	17.27	19	1
3	16QAM	1	8	17.08	17.1	17.17		
3	16QAM	1	14	17.18	17.24	17.15		
3	16QAM	8	0	16.47	16.46	16.53	18	2
3	16QAM	8	4	16.29	16.25	16.25		
3	16QAM	8	7	16.25	16.31	16.25		
3	16QAM	15	0	16.35	16.45	16.35		
3	64QAM	1	0	16.54	16.53	16.45	18	2
3	64QAM	1	8	16.52	16.52	16.44		
3	64QAM	1	14	16.42	16.5	16.43		
3	64QAM	8	0	15.34	15.37	15.42	17	3
3	64QAM	8	4	15.42	15.44	15.41		
3	64QAM	8	7	15.14	15.11	15.08		
3	64QAM	15	0	15.28	15.27	15.26		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.46	18.37	18.37	20	0
1.4	QPSK	1	3	18.43	18.49	18.49		
1.4	QPSK	1	5	18.47	18.53	18.52		
1.4	QPSK	3	0	18.19	18.1	18.1		
1.4	QPSK	3	1	18.03	18.08	18.09		
1.4	QPSK	3	3	18.18	18.16	18.1		
1.4	QPSK	6	0	17.45	17.41	17.36	19	1
1.4	16QAM	1	0	17.22	17.28	17.18	19	1
1.4	16QAM	1	3	17.19	17.18	17.15		
1.4	16QAM	1	5	17.14	17.22	17.22		
1.4	16QAM	3	0	17.13	17.11	17.18		
1.4	16QAM	3	1	17.16	17.22	17.14		
1.4	16QAM	3	3	17.14	17.15	17.16		
1.4	16QAM	6	0	16.45	16.46	16.36	18	2
1.4	64QAM	1	0	16.45	16.5	16.54	18	2
1.4	64QAM	1	3	16.55	16.46	16.52		
1.4	64QAM	1	5	16.47	16.39	16.39		
1.4	64QAM	3	0	16.13	16.07	16.04		
1.4	64QAM	3	1	16.13	16.07	16.05		
1.4	64QAM	3	3	16.05	16.15	16.17		
1.4	64QAM	6	0	15.24	15.22	15.22	17	3

2CC															
Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-5A	2	20	1900	19100	QPSK	1	49	5	10	881.5	2525	22.57	22.64
		CA_2A-12A	2	20	1900	19100	QPSK	1	49	12	10	737.5	5095	22.52	22.64
		CA_2A-29A	2	20	1900	19100	QPSK	1	49	29	10	722.5	9715	22.60	22.64
		CA_4A-5A	4	20	1732.5	20175	QPSK	1	49	5	10	881.5	2525	22.39	22.47
		CA_4A-12A	4	20	1732.5	20175	QPSK	1	49	12	10	737.5	5095	22.43	22.47
		CA_4A-29A	4	20	1732.5	20175	QPSK	1	49	29	10	722.5	9715	22.35	22.47
		CA_5A-30A	5	10	829	20450	QPSK	1	25	30	10	2355	9820	22.52	22.55
		CA_12A-30A	12	10	704	23060	QPSK	1	25	30	10	2355	9820	22.48	22.60
		CA_13A-2A	13	10	782	23230	QPSK	1	25	2	20	1960	900	22.37	22.54
		CA_29A-30A	30	10	2310	27710	QPSK	1	25	29	10	722.5	9715	22.47	22.52
Intra-Band	Non-Contiguous	CA_2A-2A	2	20	1900	19100	QPSK	1	49	2	5	1932.5	625	22.51	22.64
		CA_4A-4A	4	20	1732.5	20175	QPSK	1	49	4	5	2112.5	1975	22.33	22.47
		CA_66A-66A	66	20	1770	132572	QPSK	1	49	66	5	2112.5	66461	22.35	22.47
	Contiguous	CA_2C	2	20	1900	19100	QPSK	1	49	2	20	1960.2	902	22.42	22.64
		CA_5B	5	10	829	20450	QPSK	1	25	5	10	883.9	2549	22.51	22.55
		CA_66B	66	15	1772.5	132597	QPSK	1	37	66	5	2163.2	66968	22.40	22.47
		CA_66C	66	20	1770	132572	QPSK	1	49	66	20	2150.2	66838	22.37	22.47

WIFI&Bluetooth Power

BT 2.0

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	9.40	9.40	9.50	7.3	7.30	7.40	7.30	7.30	7.40	**11.50**
	CH 39	2441	9.40	9.40	**9.60**	7.6	7.60	**7.70**	7.60	7.60	**7.70**	**11.60**
	CH 78	2480	8.50	8.60	8.70	6.9	6.90	7.00	6.90	6.90	7.00	**10.70**

BT 4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	1.20
	CH 19	2440	2.50
	CH 39	2480	1.60
Tune-up Limit			4.5

BT 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.20	1.20
	CH 19	2440	2.50	2.60
	CH 39	2480	1.60	1.60
Tune-up Limit			4.50	4.60

2.4GHz WLAN ANT 3																			
2.4GHz WLAN ANT 3			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	19.40	21.40	17.05	19.00	11.93	13.90	17.82	19.80	11.25	13.20	11.25	13.20	19.40	21.40	16.22	18.20	99.31
	6	2437	19.60	21.60	17.11	19.10	12.02	14.00	17.94	19.90	11.33	13.30	11.33	13.30	19.60	21.60	16.42	18.40	
	11	2462	19.70	21.70	17.34	19.30	12.23	14.20	18.08	20.00	11.52	13.50	11.52	13.50	19.70	21.70	16.73	18.70	
802.11g 6Mbps	1	2412	18.30	20.30	16.23	18.20	Not Required	14.10	Not Required	19.00	Not Required	13.50	Not Required	13.50	18.30	20.30	Not Required	18.60	97.18
	6	2437	18.70	20.70	16.63	18.60		14.10		19.00		13.50		13.50	18.70	20.70		18.60	
	11	2462	16.90	18.90	16.42	18.40		14.10		19.00		13.50		13.50	16.90	18.90		18.60	
802.11n-HT20 MCS0	1	2412	17.20	19.20	Not Required	18.60		14.10		19.00		13.50		13.50	17.20	19.20		18.60	96.61
	6	2437	17.90	19.90		18.60		14.10		19.00		13.50		13.50	17.90	19.90		18.60	
	11	2462	16.40	18.40		18.40		14.10		18.40		13.50		13.50	16.40	18.40		18.40	
802.11n-HT40 MCS0	3	2422	16.60	18.60		18.60		14.10		18.60		13.50		13.50	16.60	18.60		18.60	93.50
	6	2437	16.40	18.40		18.40		14.10		18.40		13.50		13.50	16.40	18.40		18.40	
	9	2452	14.90	16.90		16.90		14.00		16.90		13.50		13.50	14.90	16.90		16.90	

5.2GHz WLAN ANT 4

5.2GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	16.88	18.80	Not Required	18.10	Not Required	13.60	16.88	18.80	Not Required	14.10	Not Required	14.10	16.88	18.80	Not Required	18.80	96.82
	40	5200	18.45	20.40		18.10		13.60	18.45	20.40		14.10		14.10	18.45	20.40		19.10	
	44	5220	18.55	20.50		18.10		13.60	18.55	20.50		14.10		14.10	18.55	20.50		19.10	
	48	5240	18.67	20.60		18.10		13.60	18.67	20.60		14.10		14.10	18.67	20.60		19.10	
802.11n-HT20 MCS0	36	5180	16.17	18.10		18.10		13.60	16.17	18.10		14.10		14.10	16.17	18.10		18.10	96.61
	40	5200	18.30	20.30		18.10		13.60	18.30	20.30		14.10		14.10	18.30	20.30		19.10	
	44	5220	18.29	20.20		18.10		13.60	18.29	20.20		14.10		14.10	18.29	20.20		19.10	
	48	5240	18.35	20.30		18.10		13.60	18.35	20.30		14.10		14.10	18.35	20.30		19.10	
802.11n-HT40 MCS0	38	5190	14.79	16.70	14.79	16.70		13.60	14.79	16.70		14.10		14.10	14.79	16.70	14.79	16.70	93.92
	46	5230	17.43	19.40	16.13	18.10		13.60	17.43	19.40		14.10		14.10	17.43	19.40	17.43	19.10	
802.11ac-VHT20 MCS0	36	5180	16.25	18.20	Not Required	18.10		13.60	16.25	18.20		14.10		14.10	16.25	18.20	Not Required	18.20	97.01
	40	5200	18.34	20.30		18.10		13.60	18.34	20.30		14.10		14.10	18.34	20.30		19.10	
	44	5220	18.36	20.30		18.10		13.60	18.36	20.30		14.10		14.10	18.36	20.30		19.10	
	48	5240	18.38	20.30		18.10		13.60	18.38	20.30		14.10		14.10	18.38	20.30		19.10	
802.11ac-VHT40 MCS0	38	5190	14.88	16.80		16.80		13.60	14.88	16.80		14.10		14.10	14.88	16.80		16.80	93.97
	46	5230	17.48	19.40		18.10		13.60	17.48	19.40		14.10		14.10	17.48	19.40		19.10	
802.11ac-VHT80 MCS0	42	5210	14.48	16.40		16.40	11.75	13.60	14.48	16.40	12.41	14.10	12.41	14.10	14.48	16.40		16.40	87.84

5.3GHz WLAN ANT 4

5.3GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	18.60	20.60	Not Required	18.10	Not Required	13.60	18.60	20.60	Not Required	14.10	18.60	20.60	Not Required	19.10	96.82
	56	5280	18.58	20.50		18.10		13.60	18.58	20.50		14.10	18.58	20.50		19.10	
	60	5300	18.54	20.50		18.10		13.60	18.54	20.50		14.10	18.54	20.50		19.10	
	64	5320	17.52	19.50		18.10		13.60	17.52	19.50		14.10	17.52	19.50		19.10	
802.11n-HT20 MCS0	52	5260	18.43	20.40		18.10		13.60	18.43	20.40		14.10	18.43	20.40		19.10	96.61
	56	5280	18.36	20.30		18.10		13.60	18.36	20.30		14.10	18.36	20.30		19.10	
	60	5300	18.41	20.40		18.10		13.60	18.41	20.40		14.10	18.41	20.40		19.10	
	64	5320	17.76	19.70		18.10		13.60	17.76	19.70		14.10	17.76	19.70		19.10	
802.11n-HT40 MCS0	54	5270	17.56	19.50	16.24	18.10		13.60	17.56	19.50		14.10	17.56	19.50	17.11	19.10	93.92
	62	5310	14.50	16.50	14.50	16.50		13.60	14.50	16.50		14.10	14.50	16.50	14.50	16.50	
802.11ac-VHT20 MCS0	52	5260	18.44	20.40	Not Required	18.10		13.60	18.44	20.40		14.10	18.44	20.40	Not Required	19.10	97.01
	56	5280	18.40	20.40		18.10		13.60	18.40	20.40		14.10	18.40	20.40		19.10	
	60	5300	18.53	20.50		18.10		13.60	18.53	20.50		14.10	18.53	20.50		19.10	
	64	5320	17.82	19.80		18.10		13.60	17.82	19.80		14.10	17.82	19.80		19.10	
802.11ac-VHT40 MCS0	54	5270	17.61	19.60		18.10		13.60	17.61	19.60		14.10	17.61	19.60		19.10	93.97
	62	5310	14.58	16.50		16.50		13.60	14.58	16.50		14.10	14.58	16.50		16.50	
802.11ac-VHT80 MCS0	58	5290	13.89	15.80		15.80	11.77	13.60	13.89	15.80	12.26	14.10	13.89	15.80		15.80	87.84

5.5GHz WLAN ANT 4

5.5GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	16.72	18.70	Not Required	18.60	Not Required	15.00	**Not Required**	16.50	Not Required	14.00	16.72	18.70	Not Required	18.70	96.82
	116	5580	18.50	20.50		18.60		15.00		16.50		14.00	18.50	20.50		19.50	
	132	5660	17.95	19.90		18.60		15.00		16.50		14.00	17.95	19.90		19.00	
	140	5700	15.44	17.40		17.40		15.00		16.50		14.00	15.44	17.40		18.90	
802.11n-HT20 MCS0	100	5500	15.74	17.70		17.70		15.00		16.50		14.00	15.74	17.70		17.70	96.61
	116	5580	18.53	20.50		18.60		15.00		16.50		14.00	18.53	20.50		19.50	
	132	5660	17.94	19.90		18.60		15.00		16.50		14.00	17.94	19.90		19.50	
	140	5700	15.05	17.00		17.00		15.00		16.50		14.00	15.05	17.00		17.00	
802.11n-HT40 MCS0	102	5510	15.89	17.80	15.89	17.80		15.00	14.40	16.40		14.00	15.89	17.80		17.80	93.92
	110	5550	17.11	19.10	16.61	18.60		15.00	14.52	16.50		14.00	17.11	19.10		19.10	
	134	5670	17.05	19.00	16.55	18.50		15.00	14.40	16.40		14.00	17.05	19.00		19.00	
802.11ac-VHT20 MCS0	100	5500	15.80	17.80	Not Required	17.80		15.00	Not Required	16.50		14.00	15.80	17.80		17.80	97.01
	116	5580	18.55	20.50		18.60		15.00		16.50		14.00	18.55	20.50		19.50	
	132	5660	17.97	19.90		18.60		15.00		16.50		14.00	17.97	19.90		19.50	
	140	5700	15.09	17.00		17.00		15.00		16.50		14.00	15.09	17.00		17.00	
802.11ac-VHT40 MCS0	102	5510	15.98	17.90		17.90		15.00		16.50		14.00	15.98	17.90		17.90	93.97
	110	5550	17.31	19.30		18.60		15.00		16.50		14.00	17.31	19.30		19.30	
	134	5670	17.23	19.20		18.60		15.00		16.50		14.00	17.23	19.20		19.20	
802.11ac-VHT80 MCS0	106	5530	14.45	16.40		16.40	13.03	15.00		16.40	12.17	14.00	14.45	16.40		16.40	87.84

5.8GHz WLAN ANT 4

5.8GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	17.97	19.90	17.97	19.90	Not Required	14.50	Not Required	16.00	Not Required	11.50	Not Required	11.50	17.97	19.90	Not Required	18.50	96.82
	157	5785	18.02	20.00	18.02	20.00		14.50		16.00		11.50		11.50	18.02	20.00		18.50	
	165	5825	18.05	20.00	18.05	20.00		14.50		16.00		11.50		11.50	18.05	20.00		18.50	
802.11n-HT20 MCS0	149	5745	17.93	19.90	17.93	19.90		14.50		16.00		11.50		11.50	17.93	19.90		18.50	96.61
	157	5785	17.90	19.90	17.90	19.90		14.50		16.00		11.50		11.50	17.90	19.90		18.50	
	165	5825	17.89	19.80	17.89	19.80		14.50		16.00		11.50		11.50	17.89	19.80		18.50	
802.11n-HT40 MCS0	151	5755	17.01	19.00	17.01	19.00		14.50		16.00		11.50		11.50	17.01	19.00	16.58	18.50	93.92
	159	5795	16.94	18.90	16.94	18.90		14.50		16.00		11.50		11.50	16.94	18.90	16.37	18.30	
802.11ac-VHT20 MCS0	149	5745	17.94	19.90	17.94	19.90		14.50		16.00		11.50		11.50	17.94	19.90	Not Required	18.50	97.01
	157	5785	17.95	19.90	17.95	19.90		14.50		16.00		11.50		11.50	17.95	19.90		18.50	
	165	5825	17.91	19.90	17.91	19.90		14.50		16.00		11.50		11.50	17.91	19.90		18.50	
802.11ac-VHT40 MCS0	151	5755	17.15	19.10	17.15	19.10		14.50		16.00		11.50		11.50	17.15	19.10		18.50	93.97
	159	5795	17.03	19.00	17.03	19.00		14.50		16.00		11.50		11.50	17.03	19.00		18.50	
802.11ac-VHT80 MCS0	155	5775	16.12	18.10	16.12	18.10	12.98	14.50	14.44	16.00	9.60	11.50	9.60	11.50	16.12	18.10		18.10	87.84